Field Activity Report

East Blinebry Drinkard Unit (EBDU) #37

Lea County, New Mexico

November 20, 2025 | Project No. AR25P108

Prepared for:
Apache Corporation
303 Veterans Airpark Ln
Midland, Texas 79705

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November 20, 2025

Apache Corporation
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Attn: Mr. Barrett Bole
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RE: Field Activity Report
East Blinebry Drinkard Unit (EBDU) #37
Lea County, New Mexico

Terracon Project No. AR25P108

Dear Mr. Bole:

Terracon Consultants, Inc. (Terracon) is pleased to submit to Apache Corporation (Apache) the enclosed Field Activity Report (FAR) completed for the East Blinebry Drinkard Unit (EBDU) #37 project Site in Lea County, New Mexico. The work reported includes the installation of 15 monitoring wells and two soil borings between August 5 and August 11, 2025 and conducting one groundwater monitoring event between August 11 and August 28, 2025.

This FAR includes the descriptions of the field activities, boring logs, tables presenting depth to water measurements, field parameter measurements, groundwater analytical results, figures illustrating the Site location, well locations, the groundwater gradient and chemical detections in each sampling location, and conclusions and recommendations from the site activities.

Terracon appreciates this opportunity to provide environmental consulting services to Apache. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,
Terracon

Kristen Krueger, PG (TX)	John Grams, PG (TX)	Marwan Salameh, PhD, P.E. (TX)
Staff Geologist	Senior Geologist	Senior Environmental Engineer

Enclosure

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1.0 Executive Summary

Terracon Consultants, Inc. (Terracon) has prepared this Field Activity Report (FAR) on behalf of Apache Corporation (Apache) for submittal to the New Mexico Oil Conservation Division (NMOCD). The project location is the East Blinebry Drinkard Unit (EBDU) #37 (Site) located in Lea County, New Mexico, geodetic position North 32.4807053, West -103.123085. The scope of work discussed in this report implements the agreed upon actions as described in Order No. R-23728-A issued by the New Mexico Oil Conservation Commission (OCC) in Case No. 24912. Following is a summary of the work completed:

- Installed 15 groundwater monitoring wells: TMW-27; TMW-28; TMW-30; TMW-31; TMW-33; TMW-34; TMW-36; TMW-37; TMW-40; TMW-41 (New 1); TMW-42 (New 2); TMW-43 (New 3); TMW-44 (New 4); TMW-45 (New 5) and TMW-46 (New 6). Note that the reference to "New #" refers to a well designation from Order No. R-23728-A.
    - Soil samples were collected at 5-foot intervals in each boring advanced for the monitoring well installations and were analyzed for total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, and xylenes (BTEX), and for chloride.
- Completed two soil borings in areas suspected of being a former drilling pit (SB-1) and a former disposal pit (SB-2).
    - Soil samples were collected at 2-foot intervals from each of the two borings and were analyzed for TPH, BTEX, and chloride
- Completed a survey of ground elevation, top of casing elevation, and location for all monitoring wells
- Gauged water levels in all existing and new monitoring wells (39 monitoring wells)
- Collected groundwater samples from the existing and new monitoring wells (39 monitoring wells) and the Windmill Well. Each groundwater sample was analyzed for the constituents in the New Mexico Water Quality Control Commission (WQCC) list in subsections A, B and C of 20.6.2.3103 New Mexico Administrative Code (NMAC), hereinafter referred to as the 3103 standards.

Summary of Results

Two soil borings, SB-1 and SB-2, were advanced with the objective of identifying potential sources of chloride impacts to groundwater. Soil samples from SB-1 exhibited chloride concentrations above the NMOCD closure criterion of 600 milligrams per kilogram (mg/kg) in samples from the ground surface to 15 feet below ground surface (bgs) (as described in Table 1, 19.15.29 NMAC (Table 1 standards)). However, the elevated chlorides did not extend to the water table, evidencing that this area is not a likely source of chloride impacts to groundwater. Soil samples from SB-2 exhibited chloride concentrations above 600 mg/kg in samples from the ground surface to the 50-foot bgs termination depth of the boring, providing evidence that this area may be a potential source of chloride impacts to groundwater. Chloride concentrations were also above Table 1 standards at two select depth intervals [10 to 15 ft bgs and 30 to 35 ft bgs] in TMW-30, located approximately 60 feet south of SB-2. Soil samples from TMW-40 exceeded 600 mg/kg from the ground surface to 20 feet bgs, but did not extend to the water table. The only TPH detections in soil above Table 1 standards were in samples collected from the ground surface to eight (8) feet bgs at boring SB-2.

The general direction of groundwater flow is to the south-southwest, consistent with past observations. A groundwater high is noted in the area of TMW-1, which is also consistent with past observations.

Contaminants of concern in groundwater are chloride and total dissolved solids (TDS). BTEX and Polycyclic Aromatic Hydrocarbons (PAHs) were not reported to be present in any of the groundwater samples. Several metals (notably Iron, Aluminum and Boron) and radiological parameters were detected in several wells above the 3103 standards, without discernable pattern.

TDS concentrations in groundwater were found to be highest in the center of the project area near wells TMW-17, TMW-34, and TMW-36 – an area several hundred feet south and east of the 2019 release location in the vicinity of TMW-7. The concentration of chloride in groundwater correlates strongly with TDS, and was also found to be highest in the center of the project area. Wells at the furthest upgradient and downgradient locations were reported with chloride and TDS concentrations over the 3103 standards. The precise source or sources of chloride/TDS at the Site, which has been host to oil and gas activity for over 80 years, is unclear, but it appears unlikely that the 2019 release is a significant source of the observed groundwater impacts. Rather, it is more likely that the groundwater impacts are a result of produced water disposal into disposal pits utilized by previous oil and gas operators on the property.

2.0 Introduction

This report presents project data from 2019 to present with a focus on the results of field work, which took place from August 5 through August 28, 2025. This work included installation of 15 groundwater monitoring wells, two soil borings, soil sampling from the wells and borings, and groundwater gauging and sampling. **Figure 1** presents a Site location map. **Figure 2** presents a Site map with well locations and buried and overhead utilities.

Project History

On July 14, 2019, a spill originated from a flowline carrying produced water near a pipeline junction located about 720 feet east from EBDU Well #37 **(Figure 2)**. Produced water flowed west approximately 675 feet from the release point. Approximately 350 feet west from the release the water flowed south approximately 450 feet before terminating in a low-lying area. The volume of the release and recovered fluid volume are unknown. The spill covered an area measuring approximately 31,320 square feet (0.72 acres). The initial C-141 notification was submitted to OCD on July 26, 2019, and was assigned remediation permit number 1RP-5636.

Apache quickly responded to the release by sampling and then excavating impacted soil at the release Site and conducting a soil and groundwater investigation. A general timeline of the work completed to date is presented below:

- July 14, 2019 – release discovered
- July 17 to 25, 2019 – release delineation and soil sampling

- July 25 to August 8, 2019 – excavated to 12 feet over an area of 4,431 ft^{2}in the low-lying area.
- August 14-15, 2019 – advanced 4 direct push borings to 28-40 feet bgs
- August 27-28, 2019 – advanced three borings with air rotary rig to 40-50 feet bgs.
- September 19, 2019 – installed two monitoring wells (TMW-1 and TMW-2).
- June 9 through July, 2020 – completed additional soil excavation along the spill path and low-lying area.
- September 19, 2020 – installed TMW-3 and TWM-4
- November 28-30, 2022 - installed TMW-5 and TMW-6
- June 12-13, 2023 – installed TMW-7 through TMW-10
- November 28 to December 12, 2023 – installed TMW-11 through TMW-24
- August, 2025 – installed soil borings SB-1, SB-2 and monitoring wells TMW-27, 28, 30, 31, 33, 34, 36, 37, 40, 41, 42, 43, 44, 45, 46.
- Groundwater monitoring events have occurred on or around the following dates: 09/23/2019, 12/26/2019, 09/30/2020, 12/07/2020, 03/11/2021, 06/10/2021, 10/11/2021, 12/22/2021, 03/01/2022, 05/23/2022, 08/16/2022, 12/15/2022, 03/14/2023, 06/22/2023, 09/06/2023, 12/21/2023, 03/14/2024, 10/23/2024, 11/06/2024, 02/03/2025, and 08/28/2025.

Hydrogeologic Setting

The groundwater bearing unit beneath the Site is referred to as the Piedmont Alluvial Aquifer in the 2016 Lea County Regional Water Plan[1] (**Figure 3**). This unit is a discontinuous and unconfined aquifer in mostly fine grained alluvial and eolian sand and silt which were deposited in topographically low areas where the Ogallala formation had been eroded away[2]. The unconsolidated sediments of the alluvial aquifer unconformably overlie the silty clays of the Triassic aged Chinle Formation, which are commonly referred to as the red beds.

Each of the 15 additional wells was drilled through the alluvium to the top of the Triassic red beds. The boring data show that the alluvium is typically 60 ft – 70 ft thick in the area of the Site, thickening to the south following the southward dip in the surface of the red beds. The saturated thickness as recorded in August 2025 is approximately 20 ft to 30 ft. Cross sections showing the observed lithology are presented as **Figures 4 and 4A-4D**. Boring logs are presented in **Appendix A.**

The region where the Site is located has been extensively developed for oil & gas production from the Central Basin Platform of the Permian Basin, with many of the wells in the area producing from the Drinkard, Tubb, Blinebry, and Paddock members of the Yeso Formation. A review of historical aerial imagery shows some of this past production infrastructure, showing a disposal pit located where SB-2 was advanced. The pit is clearly visible in the 1955 image, and is also present in the 1968 image (**Figure 12**).

Oil production in Lea County began in the late 1920's. Historically, and prior to adoption of the "pit rule," brine was discarded in evaporation pits near the oil wells. Pits were unlined and not large enough for evaporation to take place at an effective rate. The vast majority of the brine did not

[1] *Lea County Regional Water Plan, State of New Mexico Interstate Stream Commission, Office of the State Engineer, December 2016*

[2] *Nicholson, A., and Clebsch, A., Geology and Ground-Water Conditions in Southern Lea County, New Mexico, Ground-Water Report 6, State Bureau of Mines and Mineral Resources, New Mexico Institute of Mining and Technology, 1961*

evaporate, and the brine itself was not able to evaporate easily due to thin layers of oil on the surface preventing evaporation. The majority of the brine percolated into the sand, and in some cases the caliche at the surface was broken up in order for the water to more easily pass down[3].

Brine from disposal pits moves downward due to gravity until it encounters a less permeable layer, such as clay beds within unconsolidated sediments or the red-beds at the base of the aquifer. Upon reaching the water table limited mixing occurs, but the denser brine tends to settle in the aquifer's lowest areas. The shape of the aquifer base influences brine distribution—brine release above a channel may follow a narrow path, while brine release above a ridge may disperse into multiple channels. Although density differences limit mixing, variations in permeability within the aquifer promote it (Broadhead et al, 2004[3]).

This well documented history of produced water management illustrates the complexity of addressing brine impacts to freshwater aquifers in the oil field. Given the long history of multiple sources of produced water across the area, identifying one source from another is exceptionally difficult.

3.0 Field Activities

Safety and Subsurface Utilities

Terracon is committed to the safety of all its employees. As such, and in accordance with our Incident and Injury Free® safety goals, Terracon conducted the fieldwork under a Site-specific health and safety plan. The plan identified Site-specific job hazards and proper pre-task planning procedures. Work was performed using U.S. EPA Level D work attire consisting of hard hats, high-visibility attire, safety glasses, protective gloves, and protective boots. Terracon requested location and markings for subsurface utilities before commencing intrusive activities at the Site. Daily tailgate safety meetings were conducted and documented (**Appendix C**).

Field Procedures

Boring/Well Advancement and Field Screening

Drilling services were performed by a State of New Mexico licensed driller using an air rotary drilling rig. Terracon provided two field geologists on-site at all times to oversee the drilling and sampling activities. Soil cuttings were observed continuously to document soil lithology, color, moisture content and sensory evidence of impact. Soil samples collected from the monitoring well and soil boring locations were field-screened using a MiniRae photoionization detector (PID) to indicate the presence of volatile organic compounds (VOCs). The PID was calibrated in accordance with the manufacturer's recommendations before the field activities. **Appendix C** provides field calibration documentation. The boring logs in **Appendix A** include the lithology and field screening results for each soil boring. Photographs from the field activities are presented in **Appendix D**.

[3] *Broadhead, R.F., Zhou, J., and Raatz, W.D., Play analysis of Major Oil Reservoirs in the New Mexico Part of the Permian Basin: Enhanced Production through Advanced Technologies, New Mexico Bureau of Geology and Mineral Resources, Open File Report 479, 2004.*

At each monitoring well location, the boring was advanced to a depth where samples indicated the borehole had reached the Triassic Red Beds which underlie the unconsolidated Cenozoic alluvial and fluvial deposits. The two soil borings were terminated at 50 feet depth bgs as described in OCC Order R-23728-A.

Drilling equipment was cleaned using a high-pressure washer prior to beginning the project and before beginning each soil boring. Non-dedicated sampling equipment was cleaned using an Alconox® wash and potable water rinse prior to the beginning of the project and before collecting each soil sample.

Monitoring Well Construction and Development

The monitoring wells were constructed using the following methodology:

- Well screens were installed with the intention of screening the entire thickness of the unconsolidated Cenozoic groundwater bearing unit;
- Installation of 40 to 50 feet of 2-inch diameter, 0.010-inch machine-slotted polyvinyl chloride (PVC) well screen with a threaded bottom cap;
- Installation of 2-inch diameter, threaded, PVC riser pipe to approximately 3 feet above the ground surface;
- Addition of a pre-sieved 20/40-grade annular silica sand pack from the bottom of the boring to approximately 2 feet above the top of the well screen;
- Addition of hydrated bentonite seal from above the sand pack filter zone to approximately 20 feet below the surface; and,
- Installation of a 3 foot stickup monitoring well cover with a concrete well pad.

A table presenting monitoring well completion information is included as **Table 1**. Additional well construction details are presented on the soil boring logs in **Appendix A** and the state well records in **Appendix B**. **Appendix C** provides the field notes collected during boring drilling and well installation activities.

The monitoring wells were developed by surging and removing groundwater with a submersible pump that was cleaned with an Alconox® wash and potable water rinse between sample locations until the groundwater was relatively free of fine-grained sediment based on visual observation of the purge water. Approximately 20 gallons of groundwater were removed from each monitoring well during development. Water generated during development of the wells was collected in totes and disposed of off-Site.

Water Level Measurements

Depth to water in the monitoring wells was measured on August 28, 2025, utilizing an electronic water level meter, with measurements ranging from 49.81 feet below top of casing (TOC) (TMW-1) to 69.31 feet below TOC (TMW-22). A summary of the groundwater gauging data is presented in **Table 2** and the water level measurement notes are presented in **Appendix C.** Hydrographs graphically presenting water levels over time are presented as **Figures 5 and 5A to 5D**, and show that the groundwater elevation has dropped in all but two wells (TMW-1 and TMW-14) since the February gauging event. At the wells that have been in place since 2020, the water table has declined by approximately 1.5 feet over the past five years.

The groundwater potentiometric surface as measured on August 28, 2025, is depicted in **Figure 6**. For comparison purposes **Figure 6A** presents groundwater gradient maps from December 21, 2023, March 14, 2024, October 23, 2024, and February 5, 2025. As depicted in **Figure 3**, groundwater flow is generally to the south-southwest with a gradient of approximately 0.0018 ft/ft, which is generally consistent with past monitoring data. The groundwater anomalies at TMW-19 and TMW-4 that were reported during gauging events in May 2024 and October 2024 (Larson, May 8, 2024; and Terracon January 23, 2025) are absent or far less pronounced. The area of elevated groundwater levels observed in the past at TMW-1 has remained and is also observed in the August 2025 data. This "mounding" is thought to be the result of infiltration of precipitation which may flow to this area, and water from the windmill which runs nearly continuously and flows into the low-lying area where TMW-1 is located. Note that the groundwater potentiometric surface map presented as Figure 3 was drawn without the data recorded at TMW-14. The water level recorded during the August 28 gauging event was exactly 1.00 feet higher than the number recorded while sampling the well two days prior on August 26, and is believed to be a field transcription error. Inclusion of the gauging reading from TMW-14 on August 28 would result in a pronounced mound centered on TMW-14, which has not been observed in the past and not believed to be representative of site conditions.

Soil and Groundwater Sample Collection and Handling

At the monitoring well locations, soil samples for laboratory analysis were collected from the drill cuttings at 5-foot intervals from the ground surface until moisture was encountered. At the two soil boring locations a split spoon sampler was used to collect undisturbed samples from beneath the level of the rotary bit. Split spoon samples were collected at 2-foot intervals from the ground surface to 20 feet bgs then every five feet to the 50 foot termination depth of the borings.

Soil samples were collected into laboratory-prepared containers containing the appropriate preservative, labeled, and placed on ice in sample coolers. The samples were secured with a custody seal and delivered to the selected analytical laboratory. Soil sample intervals for each boring are presented on the laboratory chains of custody included in **Appendix E**.

Groundwater samples were collected using low-flow sampling techniques with the intake set at the mid-point of the water column. The monitoring wells were purged prior to sampling until consistent values were obtained for select geochemical parameters (temperature, pH, conductivity, dissolved oxygen (DO), and oxidation reduction potential (ORP)). Once these parameters stabilized, the groundwater samples were collected. The final groundwater parameters measured during sampling are presented in **Table 6**. The field parameters collected during well purging is documented in the field notes presented in **Appendix C**.

Groundwater samples for laboratory analysis were collected into laboratory-prepared containers containing the appropriate preservative, labeled, and placed on ice in sample coolers. The samples were secured with a custody seal and delivered to the selected analytical laboratory. The sample coolers and completed chain-of-custody forms (**Appendix F**) were relinquished to Eurofins Environment Testing (Eurofins) in Houston, Texas for analysis on standard turnaround times.

One groundwater sample was collected from the Windmill Well. At the time of sampling, the Windmill Well was actively pumping groundwater into a series of open tanks, which then discharges to ground and flows into the low-lying area towards TMW-1. The sample was collected directly from the Windmill

Well outlet before the first tank. Photographs on Page 3 of the photolog in **Appendix D** show the windmill and associated water tanks. Completion details such as well depth and screened interval are not known for the Windmill Well.

Laboratory Analytical Methods

The groundwater samples from all of the monitoring wells and the Windmill Well were analyzed for the suite of parameters described in 20.6.2.3103 NMAC as follows:

- Volatile organic compounds (VOCs) using Method SW846 8260D
- Semi volatile organic compounds (SVOCs) using Method SW846 8270E
- Polychlorinated biphenyls (PCBs) by method SW846 8082A
- Anions (nitrate, nitrite, fluoride, sulfate, and chloride) using EPA Method 300.0
- Metals using Method SW846 6020B and 6010D
- Mercury using Method SW846 7470A
- Total phenols using EPA Method 420.4
- Total cyanide using EPA Method Kelada 01
- TDS using Method SM 2540C
- Radium-226 using EPA Method 903.0
- Radium-228 using EPA Method 904.0
- General chemistry (pH and temperature) using Method 9040CSM 4500 H+ B. pH and Temperature were also measured in the field during sample collection.

The soil samples collected from the monitoring well and soil boring locations were analyzed for the following parameters:

- chloride using EPA Method E300.0
- Total Petroleum Hydrocarbons using EPA Method 8015 NM
- TPH-GRO, TPH-DRO, and TPH-DRO using EPA Method 8015B NM
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) using EPA Method 8260D
- Calculated result for total BTEX

Investigation-Derived Waste (IDW)

Groundwater and equipment cleaning water generated during the field activities were placed in totes, which were closed and appropriately labeled with project-specific information and initial accumulation date. Soil cuttings generated during the drilling were placed in roll-off boxes. A total of three 20 cubic yard roll off boxes containing soil cuttings, five 250-gallon totes containing groundwater and equipment cleaning water were generated during these field services and were characterized as non-hazardous waste and subsequently transported to Northen Delaware Basin Landfill 2029 West NM Highway 128, Jal, New Mexico for disposal in accordance with applicable regulations. The associated waste manifests are included in **Appendix F**.

Excess purge water generated during groundwater sampling was containerized in 55-gallon drums located at each well and left on-site to be used to collect water from future monitoring events.

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4.0 Analytical Results

Soil Analytical Results

Soil analytical results are presented in **Table 3**, and chloride results are depicted graphically on a map in **Figure 7**. The laboratory reports and chains of custody are presented in **Appendix E**. Laboratory analytical results from the soil samples collected at monitoring well and soil boring locations are compared to the Closure Criteria listed in Table 1, 19.15.29 NMAC as follows:

Parameters	Closure Criteria	Analytical Method
Chloride	600 mg/kg	EPA Method 300
Total Petroleum Hydrocarbons, TPH-GRO, TPH-DRO and TPH-MRO	100 mg/kg each parameter	EPA Method 8015B NM
Total Benzene, Toluene, Ethylbenzene and Xylenes (Total BTEX)	50 mg/kg	EPA Method 8260B
Benzene	10 mg/kg	EPA Method 8260B

Benzene was not reported above the OCD Table 1 criteria in any of the soil samples collected during this investigation. Similarly, Total BTEX was not reported above the Table 1 closure criteria in any of the samples collected during this investigation. Several samples collected between 2.5 feet and 8 feet bgs at SB-02 reported detections of Total BTEX, with the highest concentration of 8.75 mg/kg in the sample collected from 2.5-3.0 feet bgs. None of the detected BTEX constituents were reported at values exceeding the Table 1 criteria of 10 mg/kg Benzene or 50 mg/kg Total BTEX.

TPH was detected at concentrations above the Table 1 criteria of 100 mg/kg in samples collected from SB-2 between the ground surface and 8 feet bgs as follows: 0-2.5 ft=5,250 mg/kg; 2.5-3 ft=2,150 mg/kg; 4-4.5 ft=1,720 mg/kg, 6 ft=318 mg/kg, and 8 ft=434 mg/kg. TPH did not exceed the Table 1 criteria in any of the other samples.

Chloride concentrations exceeded the OCD Table 1 criteria of 600 mg/kg in the following samples:

- **SB-1:** 0 - 1 ft; 5 ft; 10 ft; 15 ft
- **SB-2:** 0 - 2.5 ft; 2.5 - 3 ft; 4 - 4.5 ft; 6 ft; 8 ft; 12 ft; 18 ft; 20 ft (sample and duplicate); 25 ft; 30 ft; 35 ft; 45 ft; 50 ft
- **TMW-30:** 10 - 15 ft; 30 - 35 ft
- **TMW-40:** 0 - 5 ft; 5 - 10 ft; 10 - 15 ft; 15 - 20 ft

There were several locations where chloride was reported at concentrations above what would reasonably be considered background, but below the 600 mg/kg action level. For the purposes of discussion, we are using a value of 100 mg/kg as a value above which there is likely an anthropogenic source of chloride[4]. Also note that the depth to groundwater recorded in the completed wells indicates

[4] *100 mg/kg was selected in recognition of the uncertainty introduced by the sample collection method at monitoring well locations from air rotary drill cuttings, which may contain soil from shallower depth intervals.*

the water table occurs at depths of 55 feet to 65 feet bgs, such that samples below these depths reflect conditions in the saturated zone. On this basis, the following soil locations at depth intervals above the saturated zone exhibited chloride above background but below Table 1 criteria:

- SB-1 0 to 35 feet bgs
- SB-2 0 to 50 feet bgs (termination depth of the boring)
- TMW-30 5 to 60 feet bgs
- TMW-31 0 to 15 feet bgs
- TMW-34 5 to 15 and 30 to 40 feet bgs
- TMW-36 0 to 20 and 30-40 feet bgs
- TMW-40 0 to 30 feet bgs
- TMW-43 0 to 20 feet bgs
- TMW-44 0 to 50 feet bgs
- TMW-45 5 to 20 feet bgs
- TMW-46 5 to 15 feet bgs

Thus, the only area identified where chloride is possibly sourced from the soil to groundwater is in the vicinity of the former disposal pit at SB-2 and TMW-30. There were also several locations where soil samples collected from depths of 60 feet or deeper reported chloride over 100 mg/kg, but with shallower soil samples from the same locations exhibiting chloride concentrations below 100 mg/kg. In these locations (TMW-31, TMW34, and TMW-36), the elevated chloride was reported in saturated soil samples below the water table. The elevated chloride reported in soil at these locations reflects the presence of chloride in groundwater, and do not represent a source of chloride in the soil at these locations.

The two soil borings were advanced with the specific objective of identifying potential sources of contamination from the ground surface to the aquifer. The rationale for these two borings from OCC Order R-23728-A and a summary of the investigation results are presented below:

SB-1: The boring is located centered on an area with restricted vegetation growth suspected of being a potential source of contaminants leaching to groundwater.

> **Findings:** Chloride was present above the Table a criteria of 600 mg/kg in samples from the ground surface to 15 feet bgs. The elevated chloride did not extend to the water table. The elevated chloride in shallow soil likely accounts for the lack of vegetation in this area, but it does not appear to be a likely source of impacts to groundwater. Based on the location of this area and a review of historical aerial imagery, this location is suspected to have been a former drilling pit.

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SB-2: The boring is located centered on an area with restricted vegetation growth suspected of being a potential source of contaminants leaching to groundwater.

Findings: TPH was present above Table 1 criteria of 100 mg/kg from the ground surface to 8 feet bgs. Chloride was present above the Table 1 criteria of 600 mg/kg in samples from the ground surface to 50 feet bgs. The results indicate this area is a likely source of impacts to groundwater.

A review of historical aerial imagery clearly identifies the area of SB-2 as being a former disposal pit. The pit is clearly visible in the 1955 image, and is also present in the 1968 image presented (**Figure 12**).

Soil samples from TMW-30, located approximately 60 feet South of SB-2, reported chloride concentrations above background (assumed to be 100 mg/kg for chloride) from the ground surface to 60 feet bgs (i.e., to groundwater). Samples from 10-15 foot depth interval and 30-35 foot depth interval reported chloride over the Table 1 criteria of 600 mg/kg.

Groundwater Analytical Results – Section 3103 Parameters Excluding TDS and Chloride

Groundwater samples collected in August 2025 from each of the 39 monitoring wells and the Windmill Well were analyzed for the suite of parameters listed in 20.6.2.3103 NMAC (Section 3103). Terracon worked with Eurofins Laboratory in an attempt to ensure the laboratory detection limits were equal to or less than the groundwater standards listed in section 3103. The laboratory was able to meet these detection limits with the exception of Benzo(a)pyrene (discussed below) and several parameters (fluoride, antimony, arsenic, beryllium, and cadmium) at TMW-17, TMW-34, and TMW-36 where TDS concentrations were greater than 10,000 mg/L, necessitating dilution of the samples to run the analyses. For the purposes of evaluating non-detection results against the 3103 standards, a value of ½ the sample detection limit was used for the comparison. If ½ the detection limit exceeded the 3103 standard, then that well is reported to have a value over the 3103 standard.

The Polynuclear Aromatic Hydrocarbon (PAH) Benzo(a)pyrene has been reported with a detection limit between 0.285 to 0.29 micrograms per liter (µg/L), which exceeds the 3103 standard of 0.2 µg/L. All sample results were reported below these detection limits. There were no detections of any of the other PAHs above detection limits or 3103 standards (with the exception of 1-methylnaphthalene and 2-methylnaphthalene in TMW-41 and TMW-42 at levels well below the 3103 standards). Assuming a concentration equal to ½ the detection limit would result in values of 0.143 µg/L to 0.145 µg/L, which are below the groundwater standard of 0.2 µg/L. Therefore we are not considering the non-detect results to indicate that Benzo(a)pyrene exceeds the 3103 standard.

The bulleted list below provides a summary of the locations that reported one or more parameters over the 3103 standards, with the exception of chloride and TDS which are discussed separately in the following section. These results are also presented in **Table 4**, and are depicted graphically on the map presented as **Figure 8**.

- The laboratory presented results from 109 constituents at the 39 monitoring wells and the Windmill well, resulting in approximately 4,360 analytes reported (not including duplicates). Out of these 4,360 analytes, 39 individual analytes were reported with concentrations above the 3103 human health standards. In addition, there were eight (8) instances where results were reported below the Method Detection Limit (MDL), but ½ of the MDL was greater than the 3103 standard.
- Concentration or detection limit exceedances to one or more 3103 constituents other than chloride and TDS were reported at 22 monitoring wells:
    - TMW-3; TMW-4; TMW-7; TMW-8; TMW-9; TMW-11; TMW-13; TMW-16; TMW-17; TMW-20; TMW-23; TMW-27; TMW-28; TMW-31; TMW-33; TMW-34; TMW-36; TMW-40; TMW-42; TMW-44; TMW-45; TMW-46
- Six wells reported exceedances of combined radium ($^{226}R+^{228}R$)
- Thirteen wells reported exceedances of Iron
- Five wells reported exceedances of Fluoride
- Six wells reported exceedances of Aluminum
- Six wells reported exceedances of Boron
- One well reported an exceedance of Manganese
- Select parameters were reported below the MDL, but the value of ½ the MDL exceeded the 3103 standard at the following locations:
    - TMW-9: Pentachlorophenol
    - TMW-17: Beryllium
    - TMW-27: Fluoride
    - TMW-34: Antimony, Arsenic, Beryllium, Cadmium, Lead
    - TMW-36: Beryllium

Review of the geographic distribution of exceedances to the 3103 constituents on Figure 10 does not reveal a clear pattern. Some of the wells with 3103 exceedances have high TDS, some do not. For example, several of the wells with high TDS (e.g. TMW-15, TMW-18, TMW-37) have no exceedances to the 3103 constituents, whereas several of the wells with low TDS (e.g. TMW-9, TMW-44) do have 3103 exceedances.

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Groundwater Analytical Results – Chloride and TDS

Chloride concentrations from the August 2025 sampling event ranged from 110 mg/L in TMW-1 to 6,930 mg/L in TMW-34. TDS concentrations from the August sampling event ranged 593 mg/L in TMW-1 to 15,000 mg/L in TMW-36. **Table 5** presents the laboratory results from TDS and chloride groundwater samples collected from the beginning of the project to current. **Figure 9** presents a chloride isoconcentration map and **Figure 10** presents a TDS isoconcentration map for the August 2025 samples.

Background Chloride and TDS

Monitoring wells TMW-28 and TMW-41 were installed for the purpose of better defining background conditions. TMW-41 was installed further south than originally planned due to the presence of overhead utilities and buried flowlines in the targeted location, and therefore may not represent background conditions. Instead, we consider monitoring wells TMW-11, TMW-28, TMW-22, and TMW-21, located around the northern perimeter of the plume upgradient from the release location, to be representative of background conditions in the area. Chloride and TDS values for these four monitoring wells are summarized in the following table.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-11	08/12/2025	380	1550
TMW-21	08/13/2025	269	1060
TMW-22	08/20/2025	278	1090
TMW-28	08/13/2025	325	1200
	Average	**313**	**1225**

August 2025 Monitoring Wells

The additional 15 monitoring wells were installed with specific objectives for each location as stated in the June 5, 2025 OCC Order No. R-23728-A. The objectives as stated in the OCC order are presented below followed by a discussion of the investigation findings at that location.

a. TMW-27 will serve to confirm the chloride plume is continuous between the source (near TMW-7) and TMW-17, which has shown elevated chlorides in recent sampling.

Findings: Concentrations of TDS and chloride in groundwater at TMW-27 are intermediate between the low levels seen in the area of the 2019 release (TMW-7, TMW-8), and the highest values at the Site reported in wells TMW-17, TMW-34, and TMW36.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-7	8/20/25	880	2,500
TMW-8	8/20/25	442	1,390
TMW-27	**8/14/25**	**3,880**	**7,780**
TMW-17	8/27/25	5,700	11,600
TMW-34	8/26/25	6,930	14,500
TMW-36	8/27/25	6,550	15,000

The highest chloride values reported from soil samples at TMW-27 were 40 mg/kg, indicating this soil at this location is not a source of chloride in groundwater. The elevated concentration of chloride observed in groundwater imply chloride migration to this area.

b. TMW-28 will provide upgradient delineation. This well will be located approximately 750 feet upgradient of the source.

Findings: Groundwater at TMW-28 reported chloride (325 mg/L) and TDS (1,200 mg/L) over the 3103 standards but at levels thought to be representative of background conditions in this area. TMW-28 is located approximately 670' upgradient from the source of the 2019 release. Chloride concentrations in the soil samples collected from TMW-28 have very low concentrations (<26 mg/kg) reflecting background concentrations.

c. TMW-30 will be located approximately 200 feet southeast of TMW-18 to provide information on stratigraphy and groundwater chemistry in the space between current TMW-18, TMW-23, and proposed New 4 (TMW-44). This is the location identified as TMW-39 from the original OCD Conditions of Approval.

Findings: TMW-30 is located approximately 60 feet South of SB-2 at the location of the former disposal pit dating to the 1950's. Soil samples from TMW-30 reported elevated chloride concentrations from the ground surface to 60 feet bgs (**Figure 7, Table 3**). Samples from 10-15 foot depth interval and 30-35 foot depth interval reported chloride over the Table 1 criteria of 600 mg/kg. The soil sample collected from 55 ft to 60 ft depth bgs reported chloride at 344 mg/kg. Groundwater was measured at 59.29 ft bgs at TMW-30, indicating chloride in soil extends to the water table at this location but at lower levels than observed in SB-2. Groundwater concentrations of TDS and chloride are intermediate between the levels reported at TMW-18, TMW-23 and TMW-44 (New 4).

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-18	08/25/2025	1,330	3,310
TMW-23	08/20/2025	951	2,130
TMW-30	**08/25/2025**	**1,010**	**2,340**
TMW-44	08/19/2025	191	803

d. TMW-31 will be installed approximately 200 feet east of the Windmill.

Findings: The groundwater sample from TMW-31 reported concentrations of chloride (2,970 mg/L) and TDS (6,460 mg/L) exceeding the 3103 standards. The chloride concentration in the soil samples collected at TMW-31 do not implicate a local source. The elevated concentration of chloride in groundwater imply chloride migration to TMW-31.

e. TMW-33 will be installed approximately 415 feet southwest of TMW-22. Reduces the distance between TMW-21 and TMW-13 for more precise characterization.

Findings: Concentrations of TDS and chloride at TMW-33 were reported above the concentrations reported for TMW-21 and TMW-13.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-13	08/21/2025	1,620	3,480
TMW-21	08/19/2025	269	1,060
TMW-33	**08/21/2025**	**2,330**	**5,340**

The chloride concentration in the soil samples collected at TMW-33 do not implicate a local source. The elevated concentration of chloride in groundwater imply chloride migration to TMW-33.

f. TMW-34 will be installed approximately 350 feet west of TMW-14. Achieves more characterization near TMW-17.

Findings: See discussion below for TMW-36

g. TMW-36 will be installed approximately 175 feet southwest of TMW-17. Addresses need for more characterization near TMW-17

Findings: Concentrations of TDS and chloride in Groundwater at TMW-36 and TMW-34 were reported above the concentrations reported for TMW-17. Collectively, these three wells define the area of highest chloride and TDS concentrations at the Site.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-17	08/27/2025	5,700	11,600
TMW-34	08/26/2025	6,930	14,500
TMW-36	**08/27/2025**	**6,550**	**15,000**
TMW-37	08/25/2025	1,370	3,440

Similar to the above findings, the chloride concentrations from soil samples at TMW-34 and TMW-36 do not suggest there is a local source at this location, suggesting the chloride observed in groundwater at these wells has migrated from elsewhere.

h. TMW-37 will be installed approximately 275 feet southeast of TMW-17. Provides additional characterization near TMW-17.

Findings: chloride and TDS in groundwater were reported at concentrations significantly below the concentrations reported in the center of the plume at TMW-17, TMW-34, and TMW-36 (see table above under item g). Chloride concentrations in the soil of boring TMW-37 do not indicate a local source.

i. TMW-40 will be installed approximately 200 feet southeast of TMW-19. Addresses lack of characterization and assessment between TMW-19 and TMW-18.

Findings: TDS and chloride in Groundwater at TMW-40 were reported at concentrations below those seen in TMW-18 and TMW-19.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-18	08/25/2025	1,330	3,310
TMW-19	08/20/2025	808	2,440
TMW-40	**08/20/2025**	**440**	**1,470**

Chloride concentrations in the soil samples collected from TMW-40 indicate a surface source with elevated chloride concentrations from ground surface to 20 feet bgs. However, this source of chloride does not extend beyond 20 feet, with background levels indicated throughout the remainder of the boring.

j. New 1 (TMW-41) This is a modification (approximately 100 feet east) of the OCD final order well TMW-30. Better defines background concentrations.

Findings: TMW-41 is one of five wells clearly upgradient of the release area and upgradient of any areas of known impact at the Site. Concentrations of TDS and chloride are summarized in the table below. The concentrations in TMW-41 are slightly higher than the other nearby monitoring wells. The soil data for chloride do not reflect a local source.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-11	08/12/2025	380	1,550
TMW-12	08/13/2025	443	1,320
TMW-22	08/20/2025	278	1,090
TMW-28	08/13/2025	325	1,200
TMW-41	**08/11/2025**	**729**	**1,970**

k. New 2 (TMW-42) This is a modification (approximately 100 feet northeast) of the OCD final order well TMW-32. Reduces distance between adjacent wells for more precise characterization.

Findings: TDS and chloride concentrations in groundwater at TMW-42 are similar to that observed in TMW-13 (adjacent south) and higher than the levels reported in TMW-12 (adjacent west), TMW-22 (adjacent east), and TMW-41 (adjacent north).

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-12	08/13/2025	443	1,320
TMW-22	08/20/2025	278	1,090
TMW-41	08/11/2025	729	1,970
TMW-42	**08/11/2025**	**1,320**	**3,290**
TMW-13	08/21/2025	1,620	3,480

The chloride concentrations in the soil samples collected from TMW-42 are at background levels and do not implicate a source in this area of the Site.

l. New 3 (TMW-43) Provides delineation west of TMW-19.

Findings: TDS and chloride concentrations reported in groundwater at TMW-43 are below the concentrations reported in TMW-19, but are above the 3103 standards.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-19	08/20/2025	808	2,440
TMW-43	**08/19/2025**	**606**	**1,620**

Slightly higher than background concentration of chloride was reported in the shallow soil samples but the majority of the chloride concentrations in the remainder of the boring was at background levels. No source is implicated at this location.

m. New 4 (TMW-44) Better defines background concentrations. Provides characterization in the southeast of the Site.

Findings: Groundwater at TMW-44 exhibits TDS (803 mg/L) and chloride (191 mg/L) concentrations below the 3103 standards and provides plume delineation to the southeast.

n. New 5 (TMW-45). Provides downgradient characterization at the southern extent of the release area.

Findings: see discussion for New 6 (TMW-46) below.

o. New 6 (TMW-46). Provides downgradient characterization at the southeastern extent of the release area.

Findings: Concentrations of TDS and chloride in groundwater at the downgradient extent of the plume are defined by wells TMW-23, TMW-24, TMW-45, and TMW-46. As outlined in the table below, chloride was reported over 250 mg/L in all four of these wells, and TDS was over 1,000 mg/L in three of the four wells.

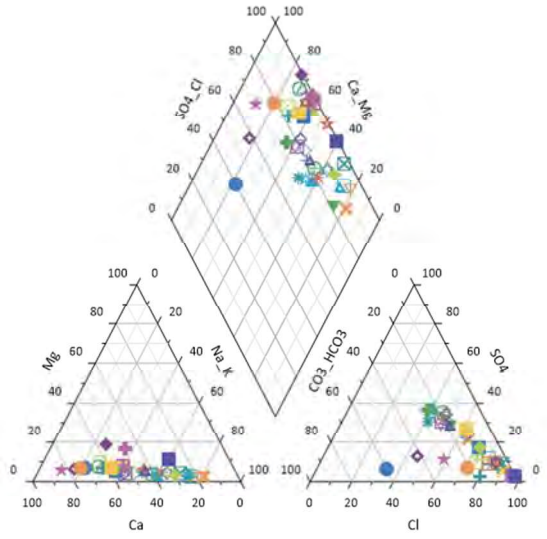
Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-23	08/20/2025	951	2,130
TMW-24	08/19/2025	273	999
TMW-45	08/21/2025	1,370	3,720
TMW-46	08/21/2025	455	1,580
	Average	**762**	**2,107**

Slightly elevated chloride concentrations in TMW-45 and TMW-46 were observed near surface soil (tope 20 feet or less) but the concentrations at greater depths reflected background levels, indicating that the chloride in this area of the Site migrated from an upgradient source.

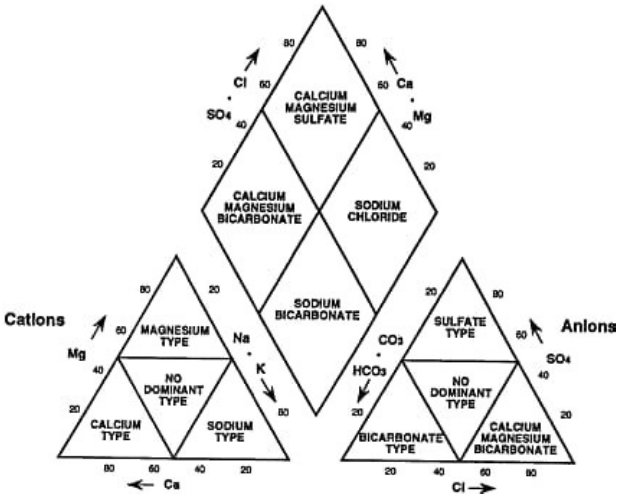
Groundwater General Chemistry

Analytical data from the August 2025 groundwater sampling event was evaluated using Piper diagrams to characterize groundwater conditions at the individual well locations (**Figure 11**). Piper diagrams show the relative proportions of major cations and anions separately on individual ternary plots, with the results from the ternary plots projected onto a central diamond for comparison and classification purposes[5].

Piper Plot of EBDU Wells (Figure 11)



Generalized Water Types



[5] *Piper, A.M. (1944).* A Graphic Procedure in the Geochemical Interpretation of Water-Analyses*. Transactions of the American Geophysical Union, 25(6), 914–928.*

The groundwater data from EBDU monitoring wells were compared to geochemical data for produced water from the Blinebry and Drinkard units in Lea County obtained from the USGS Produced Water database[6]. The specific produced water data points included in the Piper diagrams were from three datasets:

- PWA – Averages of 81 samples from combined Blinebry and Drinkard Units in Lea County, NM
- PWB – Averages of 62 samples from the Drinkard Unit in Lea County, NM
- PWC – Averages of 19 samples from the Blinebry Unit in Lea County, NM

Water from the EBDU monitoring wells can be categorized mostly as calcium-magnesium sulfate and sodium chloride water types. Within these broad categories several distinctions can be noted.

- TMW-1, TMW-9, TMW-10 and the Windmill are distinguished as having higher proportions of calcium and bicarbonate with lower proportions of sodium-potassium and chloride than the other locations. The chemical signature at these wells is likely a result of the influence of freshwater infiltration in the low area.
- The produced water data, and wells with highest concentrations of chloride and TDS, mostly fall within the calcium-magnesium sulfate type and are characterized with chloride the dominant anion and very low to absent bicarbonate.
- Background wells and wells outside the center of the plume trend into the sodium chloride type and generally show lower proportions of chloride, and higher bicarbonate.
- There is no clear distinction in the data to differentiate between different potential sources of impact across the area.

Discussion

The additional groundwater data provided from the newly installed wells confirms and reinforces the observations from the past monitoring events that there is an area of elevated chloride and TDS in the central portion of the Site centered on TMW-17, TMW-36 and TMW-34. This is an area located approximately 500-600 feet south-southeast of the 2019 release, with a number of wells (e.g. TMW-7, TMW-4, TMW-5, TMW-27) between the center of the plume and the 2019 release location that exhibit lower concentrations of contaminants. Analytical results from soil samples did not identify a local source in the vicinity of the current area of high chloride/TDS concentrations.

There are a number of wells upgradient from the 2019 release area. All of these wells were reported to have concentrations over the groundwater standards of 1,000 mg/L TDS and 250 mg/L chloride as shown in the table presented below. It is not likely that the TDS/chloride in these wells was a result of the 2019 release.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-11	08/12/2025	380	1,550
TMW-12	08/13/2025	443	1,320
TMW-22	08/20/2025	278	1,090
TMW-28	08/13/2025	325	1,200
	Average	**357**	**1,290**

[6] *U.S. Geological Survey. (2023).* National Produced Waters Geochemical Database (Version 3.0) *[Data set]. U.S. Geological Survey. Retrieved from https://www.usgs.gov/tools/us-geological-survey-national-produced-waters-geochemical-database-viewe*

Wells on the downgradient edge of the plume include TMW-24, TMW-45, TMW-23, and TMW-46 (table below). The elevated TDS and chloride at these wells are likely a result of the historic leaching from the former disposal pit at SB-2 and not a result of the 2019 release near TMW-7.

Sample Location	Sample Date	Chloride (mg/L)	TDS (mg/L)
TMW-23	08/20/2025	951	2,130
TMW-24	08/19/2025	273	999
TMW-45	08/21/2025	1,370	3,720
TMW-46	08/21/2025	455	1,580
	Average	**762**	**2,107**

The source of the plume currently centered on TMW-17, TMW-34, and TMW-36 is not known. These wells are 400 feet to 500 feet southeast of the release location and low area. Gradient maps indicate groundwater may flow towards the center of the plume from the low area where the spill accumulated, which may have allowed migration of chloride from the release area to the western portion of this impacted zone (i.e., towards TMW-31 and maybe TMW-36) but it is not likely that contaminants could have migrated to the eastern areas of the impacted zone (i.e., TMW-17 or TMW-34). More significantly, the monitoring wells located between the center of the plume and the 2019 release location have consistently exhibited lower concentrations of contaminants (e.g. TMW-4, TMW-5, TMW-27) than at the center of the current plume (i.e., TMW-17, TMW-34, and TMW-36). Migration from the 2019 release is therefore highly unlikely.

Evaluation of the groundwater geochemistry did not identify multiple sources of contaminants which might indicate different releases. This is perhaps unsurprising given the long and complex history of oil & gas operations in the area, with precise sources and volumes of produced water releases being unknown.

Given the data collected and subsequent analysis, it is unlikely that the 2019 release could not have accounted for the extent of observed groundwater impacts in this area. Rather, the more plausible and cause is produced water management practices over the past 100 years of oil & gas production in the area. As Broadhead et al (2004) described, brine which has leached into the ground from surface disposal pits will sink to the base of the aquifer due to its greater density, and can migrate following contours in the surface of the red beds. We do not have sufficient granularity on the topography of the red beds to rule out the possibility that brine from the former disposal pit located near SB-2 has migrated to the area near TMW-34, TMW-17, and TMW-36.

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5.0 Conclusion and Summary

Groundwater flow is to the south-southwest with localized flows to the southeast, consistent with past observations. A groundwater high is noted in the area of TMW-1, which is also consistent with past observations. This is likely related to freshwater infiltration into the low area north of the Windmill.

Contaminants of concern in groundwater are chloride and TDS. BTEX and PAHs were not present in groundwater samples from the monitoring wells. Several metals (notably iron, aluminum and boron) and radiological parameters were detected in several wells above the 3103 standards, without a discernable pattern.

TDS and chloride concentrations in groundwater were found to be highest in the center of the project area centered on wells TMW-17, TMW-34, and TMW-36 in an area 400 to 500 feet south and east of the 2019 release location. The concentration of chloride in groundwater correlates strongly with TDS, and was also found to be highest in the center of the project area. The presence of higher TDS/chloride concentrations away from the release area may indicate plume migration away from the source area over time; however, the groundwater gradient and the hydraulic conductivity associated with the aquifer formation type do not fully support this presumption. Thus, the occurrence of higher TDS/chloride concentrations in the center of the Site compared to the source area implies the occurrence of other releases from historical operations.

Soil boring SB-1 was advanced to investigate the barren area at the former drilling pit as a potential source of impacts to groundwater. At this location, chloride in soil was reported above the NMOCD delineation criteria of 600 mg/kg in samples from the ground surface to 15 feet below ground surface (bgs) but did not extend to groundwater.

Soil boring SB-2 was advanced through a former disposal pit to investigate this area as a potential source of impacts to groundwater. At this location, chloride in soil was reported above the NMOCD delineation criteria of 600 mg/kg from the ground surface to the 50 foot bgs termination depth of the boring. There were also several detections of chloride above 600 mg/kg in samples from TMW-30, drilled approximately 60 feet South-Southeast of SB-02. This area suspected of being a former disposal pit was most likely a source of impacts to groundwater.

6.0 Recommendations

Terracon has evaluated the site for the presence of COCs in the on-site soil and groundwater. Based on review of the data Terracon recommends the following:

- Resample all monitoring wells on a semi-annual basis with focus on chloride and TDS only.
- Groundwater samples during future monitoring events should be collected using passive samplers such as HydraSleeves which allow collection of a sample from a discrete interval of the well.
- Evaluate potential density-based stratification in the aquifer by collecting one round of groundwater samples from the top and bottom of the water column in each well to be analyzed for chloride and TDS.
- Develop and submit semi-annual groundwater monitoring reports.

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TABLES

Table 1 – Well Completion Information
Table 2 - Groundwater Gauging Data
Table 3 – Summary of Soil Analytical Results
Table 4 – Summary of Ground Water Results - Human Health Standard Parameters
Table 5 - Summary of Ground Water Results – Chloride and TDS
Table 6 – Field Parameters

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Table 1
Well Completion Information
EBDU #37 | Lea County, New Mexico
Terracon Project AR25P108

Well No.	Lat/Long	Date Well Installed	Well Diameter (Inches)	Sreen Length (Feet)	Surface Elevation (Feet ANAVD88)	TOC Elevation (Feet ANAVD88)	Casing Stickup (Feet)	Drilled Depth (Feet BGS)	Depth to Bottom of Screen (Feet BGS)	Depth to Top of Screen (ft BGS)	Screen Interval (Feet BGS)	Depth to Bottom of Screen from TOC (Feet)	Top of Screen Elevation (feet ANAVD88)	Depth to Water (feet TOC) (8/28/25)	Water Column Height (feet) (8/28/25)	Groundwater Elevation (feet ANAVD88) (8/28/25)
TMW-1	32.47941843°, -103.122068°	9/19/2019	2	20	3,411.21	3,414.57	3.36	62.65	61.97	42.32	42-62	65.33	3368.89	49.81	15.52	3,364.76
TMW-2	32.48082914°, -103.1214305°	9/20/2019	2	20	3,421.30	3,424.16	2.86	80.00	67.17	47.50	47-67	70.03	3373.80	59.63	10.40	3,364.53
TWM-3	32.48018072°, -103.1227462°	9/29/2020	2	20	3,420.33	3,423.21	2.88	70.09	69.76	49.96	50-70	72.64	3370.37	59.44	13.20	3,363.77
TMW-4	32.48023305°, -103.1211756°	9/29/2020	2	20	3,420.03	3,423.19	3.16	70.09	69.76	49.96	50-70	72.92	3370.07	59.00	13.92	3,364.19
TMW-5	32.47967701°, -103.1214046°	11/28/2022	2	20	3,418.91	3,421.86	2.95	78.59	74.32	54.37	54-74	77.27	3364.54	58.18	19.09	3,363.68
TMW-6	32.48014512°, -103.1200124°	11/28/2022	2	20	3,424.13	3,426.55	2.42	72.10	71.41	54.37	54-71	73.83	3369.76	62.50	11.33	3,364.05
TMW-7	32.4806963°, -103.120703°	6/13/2023	2	20	3,423.07	3,425.93	2.86	80.92	80.78	61.29	61-81	83.64	3361.78	61.54	22.10	3,364.39
TMW-8	32.48041107°, -103.1217146°	6/12/2023	2	20	3,417.28	3,420.08	2.80	73.86	73.34	53.83	54-74	76.14	3363.45	55.98	20.16	3,364.10
TMW-9	32.47940672°, -103.1223504°	6/13/2023	2	20	3,414.62	3,417.49	2.87	69.23	68.72	49.41	49-69	71.59	3365.21	54.25	17.34	3,363.24
TMW-10	32.47944441°, -103.1217079°	6/14/2023	2	20	3,415.26	3,418.21	2.95	70.09	68.99	49.68	50-70	71.94	3365.58	54.73	17.21	3,363.48
TMW-11	32.48120538°, -103.1221737°	11/29/2023	2	20	3,421.56	3,424.36	2.80	80.00	73.27	53.30	53-73	76.07	3368.26	59.70	16.37	3,364.66
TMW-12	32.48153521°, -103.120812°	11/30/2023	2	20	3,424.30	3,427.22	2.92	82.81	82.13	62.16	62-82	85.05	3362.14	62.23	22.82	3,364.99
TMW-13	32.48096987°, -103.119593°	12/4/2023	2	20	3,426.21	3,428.98	2.77	85.00	83.21	63.24	63-83	85.98	3362.97	64.32	21.66	3,364.66
TMW-14	32.47963974°, -103.1190239°	12/1/2023	2	20	3,426.78	3,429.54	2.76	85.61	84.93	64.96	65-85	87.69	3361.82	64.61	23.08	3,364.93
TMW-15	32.47912168°, -103.119871°	11/30/2023	2	20	3,423.18	3,425.97	2.79	80.00	78.94	58.97	59-79	81.73	3364.21	62.41	19.32	3,363.56
TMW-16	32.47856019°, -103.1220342°	11/29/2023	2	20	3,420.73	3,423.65	2.92	81.79	81.11	61.14	61-81	84.03	3359.59	60.92	23.11	3,362.73
TMW-17	32.47927914°, -103.1206295°	11/28/2023	2	20	3,422.52	3,425.68	3.16	81.46	80.78	60.81	61-81	83.94	3361.71	62.18	21.76	3,363.50
TMW-18	32.47812436°, -103.1204905°	12/5/2023	2	20	3,422.29	3,425.61	3.32	85.05	84.37	64.40	64-84	87.69	3357.89	62.78	24.91	3,362.83
TMW-19	32.4776956°, -103.1222266°	12/5/2023	2	20	3,420.79	3,423.78	2.99	80.31	79.63	59.66	60-80	82.62	3361.13	61.58	21.04	3,362.20
TMW-20	32.47864205°, -103.1187428°	12/6/2023	2	20	3,426.46	3,429.34	2.88	80.00	73.87	53.90	54-74	76.75	3372.56	65.85	10.90	3,363.49
TMW-21	32.4801344°, -103.1177849°	12/7/2023	2	20	3,429.87	3,432.20	2.33	75.00	71.12	51.15	51-71	73.45	3378.72	67.79	5.66	3,364.41
TMW-22	32.48154477°, -103.1180996°	12/7/2023	2	20	3,431.29	3,434.17	2.88	75.00	69.34	49.37	50-70	72.22	3381.92	69.31	2.91	3,364.86
TMW-23	32.47663801°, -103.1205527°	12/13/2023	2	20	3,421.28	3,424.23	2.95	70.00	68.66	48.69	49-69	71.61	3372.59	62.16	9.45	3,362.07
TMW-24	32.47673779°, -103.1225456°	12/13/2023	2	20	3,418.54	3,421.74	3.20	65.00	59.30	39.33	39-59	62.50	3379.21	60.08	2.42	3,361.66
TMW-27	32.47997704°, -103.1206564°	8/8/2025	2	40	3,422.23	3425.25	3.02	90.00	87.00	47.00	47-87	90.02	3375.23	61.19	28.83	3,364.06
TMW-28	32.48248519°, -103.1213075°	8/8/2025	2	50	3,423.89	3427.14	3.25	90.00	89.00	39.00	39-89	92.25	3384.89	61.38	30.87	3,365.76
TMW-30	32.47730662°, -103.1201279°	8/10/2025	2	40	3,421.83	3424.94	3.11	83.66	86.00	46.00	46-86	89.11	3375.83	62.40	26.71	3,362.54
TMW-31	32.4790277°, -103.1214265°	8/10/2025	2	40	3,422.16	3425.41	3.25	88.62	83.00	43.00	43-83	86.25	3379.16	62.17	24.08	3,363.24
TMW-33	32.48062055°, - 103.118881°	8/6/2025	2	40	3,427.66	3430.65	2.99	90.00	85.00	45.00	45-85	87.99	3382.66	66.13	21.86	3,364.52
TMW-34	32.47946697°, - 103.120063°	8/10/2025	2	40	3,422.72	3425.76	3.04	90.26	86.00	46.00	46-86	89.04	3376.72	62.05	26.99	3,363.71
TMW-36	32.47871328°, -103.1208732°	8/10/2025	2	40	3,421.87	3424.97	3.10	88.90	86.00	46.00	46-86	89.10	3375.87	61.80	27.30	3,363.17
TMW-37	32.47850144°, -103.1197919°	8/9/2025	2	40	3,423.03	3426.35	3.32	90.00	85.00	45.00	45-85	88.32	3378.03	63.11	25.21	3,363.24
TMW-40	32.47726037°, -103.1216941°	8/8/2025	2	40	3,420.64	3423.99	3.35	88.65	85.00	45.00	45-85	88.35	3375.64	61.75	26.60	3,362.24
TMW-41 (New 1)	32.48214967°, -103.1199108°	8/5/2025	2	50	3,427.19	3430.30	3.12	90.00	87.00	37.00	37-87	90.12	3390.19	64.86	25.26	3,365.44
TMW-42 (New 20	32.481585°, -103.1196893°	8/5/2025	2	50	3,426.42	3429.40	2.97	90.00	87.00	37.00	37-87	89.97	3389.42	64.30	25.67	3,365.10
TMW-43 (New 3)	32.47780905°, -103.1231262°	8/7/2025	2	40	3,419.32	3422.58	3.25	85.00	85.00	45.00	45-85	88.25	3374.32	60.43	27.82	3,362.15
TMW-44 (New 4)	32.47729571°, -103.1185185°	8/6/2025	2	40	3,425.94	3428.92	2.98	90.00	90.00	50.00	50-90	92.98	3375.94	66.03	26.95	3,362.89
TMW-45 (New 5)	32.47597057°, -103.1215538°	8/7/2025	2	50	3,418.65	3422.08	3.43	90.00	90.00	40.00	40-90	93.43	3378.65	60.51	32.92	3,361.57
TMW-46 (New 6)	32.47594678°, -103.1193394°	8/7/2025	2	50	3,421.53	3424.73	3.20	105.00	98.00	48.00	48-98	101.20	3373.53	62.61	38.59	3,362.12
SB-1[a]	32.48115608°, -103.1189408°	8/11/2025	2	N/A	3427.57	N/A	N/A	50.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SB-2[a]	32.47747237°, -103.1201721°	8/11/2025	2	N/A	3423.15	N/A	N/A	50.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Windmill Well[b]	32.47908621°, -103.1221154°	U		U	3,419.58	3,420.00	0.42	U	U	U	U	U	U	U	U	U

Notes:
a. SB-1 and SB-2 advanced as soil borings with no well completion
b. Well completion details are not available for the Windmill Well
N/A = Not applicable
U = Unknown
NAVD88 = North American Vertical Datum of 1988
TOC = Top of Casing
BGS = Below Ground Surface

Table 2
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
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Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Depth to Water (ft TOC)	Groundwater Elevation (feet)
TMW-1	3414.57	9/23/2019	46.18	3368.39
TMW-1	3414.57	12/26/2019	48.90	3365.67
TMW-1	3414.57	9/30/2020	49.31	3365.26
TMW-1	3414.57	12/7/2020	49.42	3365.15
TMW-1	3414.57	3/11/2021	49.41	3365.16
TMW-1	3414.57	6/10/2021	49.67	3364.9
TMW-1	3414.57	10/11/2021	50.90	3363.67
TMW-1	3414.57	12/22/2021	49.95	3364.62
TMW-1	3414.57	3/1/2022	49.92	3364.65
TMW-1	3414.57	5/23/2022	50.25	3364.32
TMW-1	3414.57	8/16/2022	50.64	3363.93
TMW-1	3414.57	12/15/2022	50.18	3364.39
TMW-1	3414.57	3/14/2023	50.16	3364.41
TMW-1	3414.57	6/22/2023	47.09	3367.48
TMW-1	3414.57	9/6/2023	50.31	3364.26
TMW-1	3414.57	12/21/2023	50.27	3364.3
TMW-1	3414.57	3/14/2024	50.14	3364.43
TMW-1	3414.57	10/23/2024	51.09	3363.48
TMW-1	3414.57	11/6/2024	51.12	3363.45
TMW-1	3414.57	2/3/2025	50.67	3363.90
TMW-1	**3414.52**	8/28/2025	*49.81*	3364.71
TMW-2	3424.16	9/23/2019	55.80	3368.36
TMW-2	3424.16	12/26/2019	57.50	3366.66
TMW-2	3424.16	9/30/2020	58.01	3366.15
TMW-2	3424.16	12/7/2020	58.08	3366.08
TMW-2	3424.16	3/11/2021	58.00	3366.16
TMW-2	3424.16	6/10/2021	58.12	3366.04
TMW-2	3424.16	10/11/2021	58.54	3365.62
TMW-2	3424.16	12/22/2021	58.50	3365.66
TMW-2	3424.16	3/1/2022	58.48	3365.68
TMW-2	3424.16	5/23/2022	58.62	3365.54
TMW-2	3424.16	8/16/2022	58.98	3365.18
TMW-2	3424.16	12/15/2022	58.76	3365.40
TMW-2	3424.16	3/14/2023	58.70	3365.46
TMW-2	3424.16	6/22/2023	58.27	3365.89
TMW-2	3424.16	9/6/2023	59.05	3365.11
TMW-2	3424.16	12/21/2023	58.95	3365.21
TMW-2	3424.16	3/14/2024	58.86	3365.30
TMW-2	3424.16	10/23/2024	59.55	3364.61
TMW-2	3424.16	2/3/2025	59.28	3364.88
TMW-2	**3424.27**	8/28/2025	59.63	3364.64

Table 2
Groundwater Gauging Data
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Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Depth to Water (ft TOC)	Groundwater Elevation (feet)
TWM-3	3423.21	9/30/2020	57.62	3365.59
TWM-3	3423.21	12/7/2020	57.68	3365.53
TWM-3	3423.21	3/11/2021	57.59	3365.62
TWM-3	3423.21	6/10/2021	57.90	3365.31
TWM-3	3423.21	10/11/2021	58.31	3364.90
TWM-3	3423.21	12/22/2021	58.18	3365.03
TWM-3	3423.21	3/1/2022	58.14	3365.07
TWM-3	3423.21	5/23/2022	58.41	3364.80
TWM-3	3423.21	8/16/2022	58.87	3364.34
TWM-3	3423.21	12/15/2022	58.44	3364.77
TWM-3	3423.21	3/14/2023	58.36	3364.85
TWM-3	3423.21	6/22/2023	57.53	3365.68
TWM-3	3423.21	9/6/2023	58.85	3364.36
TWM-3	3423.21	12/21/2023	58.61	3364.60
TWM-3	3423.21	3/14/2024	58.47	3364.74
TWM-3	3423.21	10/23/2024	59.35	3363.86
TMW-3	3423.21	2/3/2025	58.97	3364.24
TMW-3	**3423.30**	8/28/2025	59.44	3363.86
TMW-4	3423.19	9/30/2020	57.39	3365.80
TMW-4	3423.19	12/7/2020	57.45	3365.74
TMW-4	3423.19	3/11/2021	57.40	3365.79
TMW-4	3423.19	6/10/2021	57.60	3365.59
TMW-4	3423.19	10/11/2021	57.99	3365.20
TMW-4	3423.19	12/22/2021	57.90	3365.29
TMW-4	3423.19	3/1/2022	57.87	3365.32
TMW-4	3423.19	3/29/2022	57.89	3365.30
TMW-4	3423.19	5/23/2022	58.05	3365.14
TMW-4	3423.19	8/16/2022	58.48	3364.71
TMW-4	3423.19	12/15/2022	58.15	3365.04
TMW-4	3423.19	3/14/2023	58.07	3365.12
TMW-4	3423.19	6/22/2023	57.28	3365.91
TMW-4	3423.19	9/6/2023	58.45	3364.74
TMW-4	3423.19	12/20/2023	58.31	3364.88
TMW-4	3423.19	3/14/2024	58.19	3365.00
TMW-4	3423.19	10/23/2024	57.61	3365.58
TMW-4	3423.19	2/3/2025	58.65	3364.54
TMW-4	**3423.15**	8/28/2025	59.00	3364.15

Table 2
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
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Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Depth to Water (ft TOC)	Groundwater Elevation (feet)
TMW-5	3421.86	12/15/2022	57.91	3363.95
TMW-5	3421.86	3/14/2023	57.27	3364.59
TMW-5	3421.86	6/22/2023	55.63	3366.23
TMW-5	3421.86	9/6/2023	57.63	3364.23
TMW-5	3421.86	12/20/2023	57.49	3364.37
TMW-5	3421.86	3/14/2024	57.55	3364.31
TMW-5	3421.86	10/23/2024	58.20	3363.66
TMW-5	3421.86	2/3/2025	57.85	3364.01
TMW-5	**3421.91**	8/28/2025	58.18	3363.73
TMW-6	3426.55	12/15/2022	62.17	3364.38
TMW-6	3426.55	3/14/2023	62.08	3364.47
TMW-6	3426.55	6/22/2023	61.41	3365.14
TMW-6	3426.55	9/6/2023	61.95	3364.60
TMW-6	3426.55	12/20/2023	61.88	3364.67
TMW-6	3426.55	3/14/2024	61.79	3364.76
TMW-6	3426.55	10/23/2024	62.29	3364.26
TMW-6	3426.55	2/3/2025	62.18	3364.37
TMW-6	**3426.67**	8/28/2025	62.50	3364.17
TMW-7	3425.93	6/19/2023	60.35	3365.58
TMW-7	3425.93	6/22/2023	63.34	3362.59
TMW-7	3425.93	9/6/2023	60.98	3364.95
TMW-7	3425.93	12/20/2023	60.91	3365.02
TMW-7	3425.93	3/14/2024	60.81	3365.12
TMW-7	3425.93	10/23/2024	61.25	3364.68
TMW-7	3425.93	2/3/2025	61.22	3364.71
TMW-7	**3426.09**	8/28/2025	61.54	3364.55
TMW-8	3420.08	6/20/2023	54.04	3366.04
TMW-8	3420.08	6/22/2023	54.02	3366.06
TMW-8	3420.08	9/6/2023	55.39	3364.69
TMW-8	3420.08	12/20/2023	55.23	3364.85
TMW-8	3420.08	3/14/2024	55.12	3364.96
TMW-8	3420.08	10/23/2024	55.59	3364.49
TMW-8	3420.08	2/3/2025	55.59	3364.49
TMW-8	**3420.22**	8/28/2025	55.98	3364.24

Table 2
Groundwater Gauging Data
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Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Depth to Water (ft TOC)	Groundwater Elevation (feet)
TMW-9	3417.49	6/21/2023	51.11	3366.38
TMW-9	3417.49	6/22/2023	51.14	3366.35
TMW-9	3417.49	9/6/2023	53.66	3363.83
TMW-9	3417.49	12/21/2023	53.55	3363.94
TMW-9	3417.49	3/14/2024	53.45	3364.04
TMW-9	3417.49	10/23/2024	54.36	3363.13
TMW-9	3417.49	2/3/2025	53.93	3363.56
TMW-9	**3417.61**	8/28/2025	54.25	3363.36
TMW-10	3418.21	6/20/2023	51.57	3366.64
TMW-10	3418.21	6/22/2023	51.61	3366.60
TMW-10	3418.21	9/6/2023	54.21	3364.00
TMW-10	3418.21	12/21/2023	54.12	3364.09
TMW-10	3418.21	3/14/2024	54.02	3364.19
TMW-10	3418.21	10/23/2024	54.90	3363.31
TMW-10	3418.21	2/3/2025	54.50	3363.71
TMW-10	**3418.34**	8/28/2025	54.73	3363.61
TMW-11	3424.35	12/21/2023	59.92	3364.43
TMW-11	3424.35	3/14/2024	58.85	3365.50
TMW-11	3424.35	10/23/2024	59.50	3364.85
TMW-11	3424.35	2/3/2025	59.29	3365.06
TMW-11	**3424.44**	8/28/2025	59.70	3364.74
TMW-12	3427.22	12/21/2023	61.65	3365.57
TMW-12	3427.22	3/14/2024	61.57	3365.65
TMW-12	3427.22	10/23/2024	62.00	3365.22
TMW-12	3427.22	2/3/2025	61.94	3365.28
TMW-12	**3427.26**	8/28/2025	62.23	3365.03
TMW-13	3428.98	12/20/2023	63.75	3365.23
TMW-13	3428.98	3/14/2024	63.68	3365.30
TMW-13	3428.98	10/23/2024	64.07	3364.91
TMW-13	3428.98	2/3/2025	64.04	3364.94
TMW-13	**3429.00**	8/28/2025	64.32	3364.68
TMW-14	3429.54	12/20/2023	65.02	3364.52
TMW-14	3429.54	3/14/2024	64.99	3364.55
TMW-14	3429.54	10/23/2024	65.35	3364.19
TMW-14	3429.54	2/3/2025	65.31	3364.23
TMW-14	**3429.55**	8/28/2025	*64.61*	3364.94
TMW-15	3425.97	12/20/2023	61.79	3364.18
TMW-15	3425.97	3/14/2024	61.71	3364.26
TMW-15	3425.97	10/23/2024	62.19	3363.78
TMW-15	3425.97	2/3/2025	62.09	3363.88
TMW-15	**3426.00**	8/28/2025	62.41	3363.59

Table 2
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
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Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Depth to Water (ft TOC)	Groundwater Elevation (feet)
TMW-16	3423.65	12/20/2023	60.19	3363.46
TMW-16	3423.65	3/14/2024	60.08	3363.57
TMW-16	3423.65	10/23/2024	60.74	3362.91
TMW-16	3423.65	2/3/2025	60.54	3363.11
TMW-16	**3423.66**	8/28/2025	60.92	3362.74
TMW-17	3425.68	12/20/2023	61.56	3364.12
TMW-17	3425.68	3/14/2024	61.43	3364.25
TMW-17	3425.68	10/23/2024	62.05	3363.63
TMW-17	3425.68	2/3/2025	61.84	3363.84
TMW-17	**3425.70**	8/28/2025	62.18	3363.52
TMW-18	3425.61	12/20/2023	62.15	3363.46
TMW-18	3425.61	3/14/2024	62.01	3363.60
TMW-18	3425.61	10/23/2024	62.55	3363.06
TMW-18	3425.61	2/3/2025	62.45	3363.16
TMW-18	**3425.65**	8/28/2025	62.78	3362.87
TMW-19	3423.78	12/20/2023	60.92	3362.86
TMW-19	3423.78	3/14/2024	61.90	3361.88
TMW-19	3423.78	10/23/2024	61.35	3362.43
TMW-19	3423.78	11/5/2024	61.42	3362.36
TMW-19	3423.78	2/3/2025	61.26	3362.52
TMW-19	**3423.88**	8/28/2025	61.58	3362.30
TMW-20	3429.34	12/20/2023	65.26	3364.08
TMW-20	3429.34	3/14/2024	65.21	3364.13
TMW-20	3429.34	10/23/2024	65.59	3363.75
TMW-20	3429.34	2/3/2025	65.55	3363.79
TMW-20	**3429.33**	8/28/2025	65.85	3363.48
TMW-21	3432.20	12/20/2023	67.31	3364.89
TMW-21	3432.20	3/14/2024	67.29	3364.91
TMW-21	3432.20	10/23/2024	67.52	3364.68
TMW-21	3432.20	11/6/2024	67.57	3364.63
TMW-21	3432.20	2/3/2025	67.56	3364.64
TMW-21	**3432.13**	8/28/2025	67.79	3364.34
TMW-22	3434.17	12/20/2023	68.86	3365.31
TMW-22	3434.17	3/14/2024	68.85	3365.32
TMW-22	3434.17	10/23/2024	69.06	3365.11
TMW-22	3434.17	2/3/2025	69.08	3365.09
TMW-22	**3434.23**	8/28/2025	69.31	3364.92
TMW-23	3424.23	12/20/2023	61.51	3362.72
TMW-23	3424.23	3/14/2024	61.39	3362.84
TMW-23	3424.23	10/23/2024	61.91	3362.32
TMW-23	3424.23	2/3/2025	61.89	3362.34
TMW-23	**3424.25**	8/28/2025	62.16	3362.09

Table 2
Groundwater Gauging Data
EBDU #37 | Lea County, New Mexico
Terracon Project AR25P108

Well No.	TOC Elevation (ft NAVD '88)	Date Gauged	Depth to Water (ft TOC)	Groundwater Elevation (feet)
TMW-24	3421.74	12/20/2023	59.41	3362.33
TMW-24	3421.74	3/14/2024	59.28	3362.46
TMW-24	3421.74	10/23/2024	59.83	3361.91
TMW-24	3421.74	11/5/2024	59.89	3361.85
TMW-24	3421.74	2/3/2025	59.79	3361.95
TMW-24	**3421.75**	8/28/2025	60.08	3361.67
TMW-27	**3425.25**	8/28/2025	61.19	3364.06
TMW-28	**3427.14**	8/28/2025	61.38	3365.76
TMW-30	**3424.94**	8/28/2025	62.40	3362.54
TMW-31	**3425.41**	8/28/2025	62.17	3363.24
TMW-33	**3430.65**	8/28/2025	66.13	3364.52
TMW-34	**3425.76**	8/28/2025	62.05	3363.71
TMW-36	**3424.97**	8/28/2025	61.80	3363.17
TMW-37	**3426.35**	8/28/2025	63.11	3363.24
TMW-40	**3423.99**	8/28/2025	61.75	3362.24
TMW-41	**3430.30**	8/28/2025	64.86	3365.44
TMW-42	**3429.40**	8/28/2025	64.30	3365.10
TMW-43	**3422.58**	8/28/2025	60.43	3362.15
TMW-44	**3428.92**	8/28/2025	66.03	3362.89
TMW-45	**3422.08**	8/28/2025	60.51	3361.57
TMW-46	**3424.73**	8/28/2025	62.61	3362.12

NAVD '88 = North American Vertical Datum of 1988
TOC = Top of Casing
Well location and top of casing resurveyed 8/25/25
64.61 Italicized data from TMW-14 are inconsistent with past readings and require confirmation

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Table 3
Summary of Soil Analytical Results
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

			Analyte:	Chloride	Total Petroleum Hydrocarbons	TPH - GRO (C6 - C10)	TPH - DRO (C10 - C28)	TPH - ORO (C28 - C36)	BTEX (total)	Benzene	Ethylbenzene	m,p-Xylenes	O-Xylene	Toluene	Total Xylenes
			Method:	E300.0	8015 NM	8015B NM	8015B NM	8015B NM	CALC_VOCs	8260D	8260D	8260D	8260D	8260D	8260D
			Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		NM_OCD_SO_0_50	ia 19.15.29 NMAC	600	100	100	100	100	50	10					
Location	Sample Name	Sample Date	Depth												
SB-01	SB-1 (01)	8/11/2025	0 - 1 ft	912	< 49.7 U	< 49.7 U	< 49.7 U	< 49.7 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
SB-01	SB-1 (05)	8/11/2025	5 ft	952	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
SB-01	SB-1 (10)	8/11/2025	10 ft	2620	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
SB-01	SB-1 (15)	8/11/2025	15 ft	2560	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
SB-01	SB-1 (20)	8/11/2025	20 ft	243	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-01	SB-1 (25)	8/11/2025	25 ft	283	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-01	SB-1 (30)	8/11/2025	30 ft	83.3	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-01	DUP-7-S	8/11/2025	30 ft	49.5	54.6	< 49.9 U	< 49.9 U	54.6	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
SB-01	SB-1 (35)	8/11/2025	35 ft	178	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-01	SB-1 (40)	8/11/2025	40 ft	35.9	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00504 U	< 0.00202 U
SB-01	SB-1 (45)	8/11/2025	45 ft	11.5	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00201 U	< 0.00101 U	< 0.00101 U	< 0.00201 U	< 0.00101 U	< 0.00503 U	< 0.00201 U
SB-01	SB-1 (50)	8/11/2025	50 ft	60.3	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
SB-02	SB-2 (0-2,5)	8/11/2025	0 - 2,5 ft	1140	5250	< 49.8 U	4300	946	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-02	SB-2 (2.5-3)	8/11/2025	2.5 - 3 ft	716	2150	205	1700	240	8.75	< 0.05 U	2.39	4.89	1.38	0.0860 J	6.27
SB-02	SB-2 (4-4.5)	8/11/2025	4 - 4.5 ft	1450	1720	172	1390	158	4.31	< 0.0504 U	1.01	2.38	0.918	< 0.252 U	3.30
SB-02	SB-2 (6)	8/11/2025	6 ft	889	318	< 49.8 U	318	< 49.8 U	0.135	< 0.0497 U	0.0371 J	0.0975 J	< 0.0497 U	< 0.249 U	0.0975 J
SB-02	SB-2 (8)	8/11/2025	8 ft	1590	434	< 49.8 U	434	< 49.8 U	0.00181 J	< 0.001 U	< 0.001 U	0.000560 J	0.00125	< 0.00502 U	0.00181 J
SB-02	SB-2 (10)	8/11/2025	10 ft	262	75.5	< 50 U	< 50 U	75.5	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
SB-02	SB-2 (12)	8/11/2025	12 ft	3220	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-02	SB-2 (15)	8/11/2025	15 ft	307	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-02	SB-2 (18)	8/11/2025	18 ft	1820	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-02	SB-2 (20)	8/11/2025	20 ft	2070	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-02	DUP8-S	8/11/2025	20 ft	1310	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-02	SB-2 (25)	8/11/2025	25 ft	940	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
SB-02	SB-2 (30)	8/11/2025	30 ft	1340	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
SB-02	SB-2 (35)	8/11/2025	35 ft	4250	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
SB-02	SB-2 (40)	8/11/2025	40 ft	594	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00203 U	< 0.00101 U	< 0.00101 U	< 0.00203 U	< 0.00101 U	< 0.00507 U	< 0.00203 U
SB-02	SB-2 (45)	8/11/2025	45 ft	2300	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00197 U	< 0.000986 U	< 0.000986 U	< 0.00197 U	< 0.000986 U	< 0.00493 U	< 0.00197 U
SB-02	SB-2 (50)	8/11/2025	50 ft	1970	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-27	TMW-27 (0-5)	8/8/2025	0 - 5 ft	33.8	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-27	TMW-27 (5-10)	8/8/2025	5 - 10 ft	17.2	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-27	TMW-27 (10-15)	8/8/2025	10 - 15 ft	10.8	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-27	TMW-27 (15-20)	8/8/2025	15 - 20 ft	8.64 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-27	TMW-27 (20-25)	8/8/2025	20 - 25 ft	10.2	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-27	TMW-27 (25-30)	8/8/2025	25 - 30 ft	17.3	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-27	TMW-27 (30-35)	8/8/2025	30 - 35 ft	< 10 U	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-27	TMW-27 (35-40)	8/8/2025	35 - 40 ft	< 10,1 U	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-27	TMW-27 (40-45)	8/8/2025	40 - 45 ft	18.5	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-27	TMW-27 (45-50)	8/8/2025	45 - 50 ft	39.9	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-27	TMW-27 (50-55)	8/8/2025	50 - 55 ft	40.0	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-27	TMW-27 (55-60)	8/8/2025	55 - 60 ft	38.5	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	0.00142 J	0.00142	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-28	TMW-28 (0-5)	8/8/2025	0 - 5 ft	19.9	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-28	DUP-4-S	8/8/2025	0 - 5 ft	19.6	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.101 U	< 0.0505 U	< 0.0505 U	< 0.101 U	< 0.0505 U	< 0.253 U	< 0.101 U
TMW-28	TMW-28 (5-10)	8/8/2025	5 - 10 ft	7.37 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.0998 U	< 0.0499 U	< 0.0499 U	< 0.0998 U	< 0.0499 U	< 0.25 U	< 0.0998 U
TMW-28	TMW-28 (10-15)	8/8/2025	10 - 15 ft	5.52 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.1 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0.05 U	< 0.25 U	< 0.1 U
TMW-28	TMW-28 (15-20)	8/8/2025	15 - 20 ft	5.21 J	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-28	TMW-28 (20-25)	8/8/2025	20 - 25 ft	7.99 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-28	TMW-28 (25-30)	8/8/2025	25 - 30 ft	7.35 J	< 50 U	< 50 U	< 50 U	< 50 U	0.000774 J	< 0.000998 U	< 0.000998 U	0.000774 J	< 0.000998 U	< 0.00499 U	0.000774 J
TMW-28	TMW-28 (30-35)	8/8/2025	30 - 35 ft	12.6	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-28	TMW-28 (35-40)	8/8/2025	35 - 40 ft	13.0	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-28	TMW-28 (40-45)	8/8/2025	40 - 45 ft	18.1	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-28	TMW-28 (45-50)	8/8/2025	45 - 50 ft	25.3	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-28	TMW-28 (50-55)	8/8/2025	50 - 55 ft	25.8	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-28	TMW-28 (55-60)	8/8/2025	55 - 60 ft	22.1	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U

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Table 3
Summary of Soil Analytical Results
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

			Analyte:	Chloride	Total Petroleum Hydrocarbons	TPH - GRO (C6 - C10)	TPH - DRO (C10 - C28)	TPH - ORO (C28 - C36)	BTEX (total)	Benzene	Ethylbenzene	m,p-Xylenes	O-Xylene	Toluene	Total Xylenes
			Method:	E300.0	8015 NM	8015B NM	8015B NM	8015B NM	CALC_VOCs	8260D	8260D	8260D	8260D	8260D	8260D
			Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NM_OCD_SO_0_50	ia 19.15.29 NMAC		600	100	100	100	100	50	10					
Location	Sample Name	Sample Date	Depth												
TMW-30	TMW-30 (0-5)	8/10/2025	0 - 5 ft	36.5	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.1 U	< 0.05 U	< 0.05 U	< 0.1 U	< 0.05 U	< 0.25 U	< 0.1 U
TMW-30	TMW-30 (5-10)	8/10/2025	5 - 10 ft	198	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (10-15)	8/10/2025	10 - 15 ft	747	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (15-20)	8/10/2025	15 - 20 ft	234	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-30	TMW-30 (20-25)	8/10/2025	20 - 25 ft	223	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-30	TMW-30 (25-30)	8/10/2025	25 - 30 ft	89.7	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (30-35)	8/10/2025	30 - 35 ft	902	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (35-40)	8/10/2025	35 - 40 ft	453	< 49.9 U	< 49.9 U*+	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (40-45)	8/10/2025	40 - 45 ft	282	< 49.9 U	< 49.9 U*+	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-30	TMW-30 (45-50)	8/10/2025	45 - 50 ft	253	< 50 U	< 50 U*+	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (50-55)	8/10/2025	50 - 55 ft	394	< 50 U	< 50 U*+	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (55-60)	8/10/2025	55 - 60 ft	344	< 49.9 U	< 49.9 U*+	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (60-65)	8/10/2025	60 - 65 ft	158	< 49.9 U	< 49.9 U*+	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (65-70)	8/10/2025	65 - 70 ft	70.9	< 50 U	< 50 U*+	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (70-75)	8/10/2025	70 - 75 ft	71.6	< 49.9 U	< 49.9 U*+	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-30	TMW-30 (75-80)	8/10/2025	75 - 80 ft	107	< 50 U	< 50 U*+	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-30	TMW-30 (80-85)	8/10/2025	80 - 85 ft	208	< 49.8 U	< 49.8 U*+	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-31	TMW-31 (0-5)	8/10/2025	0 - 5 ft	246	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-31	DUP-6-S	8/10/2025	0 - 5 ft	183	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-31	TMW-31 (5-10)	8/10/2025	5 - 10 ft	256	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-31	TMW-31 (10-15)	8/10/2025	10 - 15 ft	91.4	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-31	TMW-31 (15-20)	8/10/2025	15 - 20 ft	27.6	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-31	TMW-31 (20-25)	8/10/2025	20 - 25 ft	17.8	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-31	TMW-31 (25-30)	8/10/2025	25 - 30 ft	14.5	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-31	TMW-31 (30-35)	8/10/2025	30 - 35 ft	32.0	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-31	TMW-31 (35-40)	8/10/2025	35 - 40 ft	8.70 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00504 U	< 0.00202 U
TMW-31	TMW-31 (40-45)	8/10/2025	40 - 45 ft	10.1	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.00101 U	< 0.00101 U	< 0.00201 U	< 0.00101 U	< 0.00503 U	< 0.00201 U
TMW-31	TMW-31 (45-50)	8/10/2025	45 - 50 ft	8.09 J	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-31	TMW-31 (50-55)	8/10/2025	50 - 55 ft	18.7	< 49.7 U	< 49.7 U	< 49.7 U	< 49.7 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-31	TMW-31 (55-60)	8/10/2025	55 - 60 ft	23.2	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-31	TMW-31 (60-65)	8/10/2025	60 - 65 ft	11.2	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-31	TMW-31 (65-70)	8/10/2025	65 - 70 ft	54.3	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-31	TMW-31 (70-75)	8/10/2025	70 - 75 ft	242	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-31	TMW-31 (75-80)	8/10/2025	75 - 80 ft	105	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.000988 U	< 0.000988 U	< 0.00198 U	< 0.000988 U	< 0.00494 U	< 0.00198 U
TMW-33	TMW-33 (0-5)	8/6/2025	0 - 5 ft	20.5	< 50 U	< 50 UF1	< 50 UF1	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-33	TMW-33 (5-10)	8/6/2025	5 - 10 ft	47.4	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00504 U	< 0.00202 U
TMW-33	TMW-33 (10-15)	8/6/2025	10 - 15 ft	40.0	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-33	TMW-33 (15-20)	8/6/2025	15 - 20 ft	16.8	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-33	TMW-33 (20-25)	8/6/2025	20 - 25 ft	4.41 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-33	TMW-33 (25-30)	8/6/2025	25 - 30 ft	4.59 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-33	TMW-33 (30-35)	8/6/2025	30 - 35 ft	8.88 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-33	TMW-33 (35-40)	8/6/2025	35 - 40 ft	7.66 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-33	TMW-33 (40-45)	8/6/2025	40 - 45 ft	4.78 J	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-33	TMW-33 (45-50)	8/6/2025	45 - 50 ft	4.17 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-33	TMW-33 (50-55)	8/6/2025	50 - 55 ft	8.29 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-33	TMW-33 (55-60)	8/6/2025	55 - 60 ft	17.8	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Table 3
Summary of Soil Analytical Results
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

			Analyte:	Chloride	Total Petroleum Hydrocarbons	TPH - GRO (C6 - C10)	TPH - DRO (C10 - C28)	TPH - ORO (C28 - C36)	BTEX (total)	Benzene	Ethylbenzene	m,p-Xylenes	O-Xylene	Toluene	Total Xylenes
			Method:	E300.0	8015 NM	8015B NM	8015B NM	8015B NM	CALC_VOCs	8260D	8260D	8260D	8260D	8260D	8260D
			Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NM_OCD_SO_0_50	ia 19.15.29 NMAC		600	100	100	100	100	50	10					
Location	Sample Name	Sample Date	Depth												
TMW-34	TMW-34 (0-5)	8/10/2025	0 - 5 ft	61.0	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-34	TMW-34 (5-10)	8/10/2025	5 - 10 ft	237	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.00101 U	< 0.00101 U	< 0.00201 U	< 0.00101 U	< 0.00503 U	< 0.00201 U
TMW-34	TMW-34 (10-15)	8/10/2025	10 - 15 ft	109	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	0.000583 J	< 0.000996 U	< 0.000996 U	0.000583 J	< 0.000996 U	< 0.00498 U	0.000583 J
TMW-34	TMW-34 (15-20)	8/10/2025	15 - 20 ft	28.1	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-34	TMW-34 (20-25)	8/10/2025	20 - 25 ft	26.5	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-34	TMW-34 (25-30)	8/10/2025	25 - 30 ft	68.0	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-34	TMW-34 (30-35)	8/10/2025	30 - 35 ft	52.5	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-34	TMW-34 (35-40)	8/10/2025	35 - 40 ft	38.7	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-34	TMW-34 (40-45)	8/10/2025	40 - 45 ft	35.1	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-34	TMW-34 (45-50)	8/10/2025	45 - 50 ft	39.1	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-34	TMW-34 (50-55)	8/10/2025	50 - 55 ft	53.8	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-34	TMW-34 (55-60)	8/10/2025	55 - 60 ft	62.9	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-34	TMW-34 (60-65)	8/10/2025	60 - 65 ft	122	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-34	TMW-34 (65-70)	8/10/2025	65 - 70 ft	357	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-34	TMW-34 (70-75)	8/10/2025	70 - 75 ft	555	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-34	TMW-34 (75-80)	8/10/2025	75 - 80 ft	272	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-34	TMW-34 (80-85)	8/10/2025	80 - 85 ft	410	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-34	TMW-34 (85-90)	8/10/2025	85 - 90 ft	6.61 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-36	TMW-36 (0-5)	8/11/2025	0 - 5 ft	426	< 49.8 U	< 49.8 U*+	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-36	TMW-36 (5-10)	8/11/2025	5 - 10 ft	379	< 50 U	< 50 U*+	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-36	TMW-36 (10-15)	8/11/2025	10 - 15 ft	179	< 49.8 U	< 49.8 U*+	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-36	TMW-36 (15-20)	8/11/2025	15 - 20 ft	90.8	< 49.9 U	< 49.9 U*+	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-36	TMW-36 (20-25)	8/11/2025	20 - 25 ft	45.8	< 49.9 U	< 49.9 U*+	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.000988 U	< 0.000988 U	< 0.00198 U	< 0.000988 U	< 0.00494 U	< 0.00198 U
TMW-36	TMW-36 (25-30)	8/11/2025	25 - 30 ft	44.7	< 49.8 U	< 49.8 U*+	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-36	TMW-36 (30-35)	8/11/2025	30 - 35 ft	96.2	< 49.8 U	< 49.8 U*+	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-36	TMW-36 (35-40)	8/11/2025	35 - 40 ft	69.5	< 50 U	< 50 U*+	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-36	TMW-36 (40-45)	8/11/2025	40 - 45 ft	49.0	< 49.8 U	< 49.8 U*+	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-36	TMW-36 (45-50)	8/11/2025	45 - 50 ft	35.2	< 50 U	< 50 U*+	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-36	TMW-36 (50-55)	8/11/2025	50 - 55 ft	32.6	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-36	TMW-36 (55-60)	8/10/2025	55 - 60 ft	50.2	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-36	TMW-36 (60-65)	8/10/2025	60 - 65 ft	10.2	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-36	TMW-36 (65-70)	8/10/2025	65 - 70 ft	183	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-36	TMW-36 (70-75)	8/10/2025	70 - 75 ft	458	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-36	TMW-36 (75-80)	8/10/2025	75 - 80 ft	573	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-37	TMW-37 (0-5)	8/9/2025	0 - 5 ft	37.9	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	DUP-5-S	8/9/2025	0 - 5 ft	29.5	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.0998 U	< 0.0499 U	< 0.0499 U	< 0.0998 U	< 0.0499 U	< 0.25 U	< 0.0998 U
TMW-37	TMW-37 (5-10)	8/9/2025	5 - 10 ft	11.8	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	TMW-37 (10-15)	8/9/2025	10 - 15 ft	19.7	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	TMW-37 (15-20)	8/9/2025	15 - 20 ft	10.7	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	TMW-37 (20-25)	8/9/2025	20 - 25 ft	6.90 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	TMW-37 (25-30)	8/9/2025	25 - 30 ft	5.58 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	TMW-37 (30-35)	8/9/2025	30 - 35 ft	4.42 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	TMW-37 (35-40)	8/9/2025	35 - 40 ft	3.95 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-37	TMW-37 (40-45)	8/9/2025	40 - 45 ft	6.98 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-37	TMW-37 (45-50)	8/9/2025	45 - 50 ft	4.75 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-37	TMW-37 (50-55)	8/9/2025	50 - 55 ft	12.6	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-37	TMW-37 (55-60)	8/9/2025	55 - 60 ft	30.2	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U

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Table 3
Summary of Soil Analytical Results
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

			Analyte:	Chloride	Total Petroleum Hydrocarbons	TPH - GRO (C6 - C10)	TPH - DRO (C10 - C28)	TPH - ORO (C28 - C36)	BTEX (total)	Benzene	Ethylbenzene	m,p-Xylenes	O-Xylene	Toluene	Total Xylenes
			Method:	E300.0	8015 NM	8015B NM	8015B NM	8015B NM	CALC_VOCs	8260D	8260D	8260D	8260D	8260D	8260D
			Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NM_OCD_SO_0_50	ia 19.15.29 NMAC		600	100	100	100	100	50	10					
Location	Sample Name	Sample Date	Depth												
TMW-40	TMW-40 (0-5)	8/8/2025	0 - 5 ft	719	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-40	TMW-40 (5-10)	8/8/2025	5 - 10 ft	1250	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.0998 U	< 0.0499 U	< 0.0499 U	< 0.0998 U	< 0.0499 U	< 0.25 U	< 0.0998 U
TMW-40	TMW-40 (10-15)	8/8/2025	10 - 15 ft	1310	< 50 U	< 50 U	< 50 U	< 50 U	< 0.0998 U	< 0.0499 U	< 0.0499 U	< 0.0998 U	< 0.0499 U	< 0.25 U	< 0.0998 U
TMW-40	TMW-40 (15-20)	8/8/2025	15 - 20 ft	805	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (20-25)	8/8/2025	20 - 25 ft	84.2	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (25-30)	8/8/2025	25 - 30 ft	67.3	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (30-35)	8/8/2025	30 - 35 ft	32.7	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (35-40)	8/8/2025	35 - 40 ft	22.6	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (40-45)	8/8/2025	40 - 45 ft	14.1	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (45-50)	8/8/2025	45 - 50 ft	17.2	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (50-55)	8/8/2025	50 - 55 ft	14.9	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-40	TMW-40 (55-60)	8/8/2025	55 - 60 ft	30.8	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-41	TMW-41 (0-5)	8/5/2025	0 - 5 ft	20.0	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-41	DUP-1-S	8/5/2025	0 - 5 ft	21.1	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00201 U	< 0.00101 U	< 0.00101 U	< 0.00201 U	< 0.00101 U	< 0.00503 U	< 0.00201 U
TMW-41	TMW-41 (5-10)	8/5/2025	5 - 10 ft	25.0	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-41	TMW-41 (10-15)	8/5/2025	10 - 15 ft	10.5	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-41	TMW-41 (15-20)	8/5/2025	15 - 20 ft	11.1	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-41	TMW-41 (20-25)	8/5/2025	20 - 25 ft	8.57 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-41	TMW-41 (25-30)	8/5/2025	25 - 30 ft	7.74 J	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-41	TMW-41 (30-35)	8/5/2025	30 - 35 ft	18.0	< 49.7 U	< 49.7 U	< 49.7 U	< 49.7 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-41	TMW-41 (35-40)	8/5/2025	35 - 40 ft	19.6	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.00101 U	< 0.00101 U	< 0.00201 U	< 0.00101 U	< 0.00503 U	< 0.00201 U
TMW-41	TMW-41 (40-45)	8/5/2025	40 - 45 ft	23.7	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-41	TMW-41 (45-50)	8/5/2025	45 - 50 ft	33.5	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-41	TMW-41 (50-55)	8/5/2025	50 - 55 ft	10.3	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-41	TMW-41 (55-60)	8/5/2025	55 - 60 ft	35.5	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-42	TMW-42 (0-5)	8/5/2025	0 - 5 ft	35.3	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-42	TMW-42 (5-10)	8/5/2025	5 - 10 ft	13.0	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-42	TMW-42 (10-15)	8/5/2025	10 - 15 ft	6.49 J	< 50 U	< 50 U	< 50 UF1	< 50 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00504 U	< 0.00202 U
TMW-42	TMW-42 (15-20)	8/5/2025	15 - 20 ft	5.46 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00504 U	< 0.00202 U
TMW-42	TMW-42 (20-25)	8/5/2025	20 - 25 ft	4.70 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-42	TMW-42 (25-30)	8/5/2025	25 - 30 ft	2.73 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-42	TMW-42 (30-35)	8/5/2025	30 - 35 ft	4.86 J	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-42	TMW-42 (35-40)	8/5/2025	35 - 40 ft	5.36 J	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-42	TMW-42 (40-45)	8/5/2025	40 - 45 ft	6.22 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.101 U	< 0.0503 U	< 0.0503 U	< 0.101 U	< 0.0503 U	< 0.252 U	< 0.101 U
TMW-42	TMW-42 (45-50)	8/5/2025	45 - 50 ft	13.3	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-42	TMW-42 (50-55)	8/5/2025	50 - 55 ft	25.1	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-42	TMW-42 (55-60)	8/5/2025	55 - 60 ft	22.8	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00197 U	< 0.000986 U	< 0.000986 U	< 0.00197 U	< 0.000986 U	< 0.00493 U	< 0.00197 U
TMW-43	TMW-43 (0-5)	8/7/2025	0 - 5 ft	179	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-43	TMW-43 (5-10)	8/7/2025	5 - 10 ft	198	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-43	TMW-43 (10-15)	8/7/2025	10 - 15 ft	108	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-43	TMW-43 (15-20)	8/7/2025	15 - 20 ft	58.7	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-43	TMW-43 (20-25)	8/7/2025	20 - 25 ft	17.8	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-43	TMW-43 (25-30)	8/7/2025	25 - 30 ft	19.1	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-43	TMW-43 (30-35)	8/7/2025	30 - 35 ft	18.6	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-43	TMW-43 (35-40)	8/7/2025	35 - 40 ft	26.2	< 50 U	< 50 U	< 50 UF1	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-43	TMW-43 (40-45)	8/7/2025	40 - 45 ft	17.3	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.00101 U	< 0.00101 U	< 0.00201 U	< 0.00101 U	< 0.00503 U	< 0.00201 U
TMW-43	TMW-43 (45-50)	8/7/2025	45 - 50 ft	11.4	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-43	TMW-43 (50-55)	8/7/2025	50 - 55 ft	9.31 J	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-43	TMW-43 (55-60)	8/7/2025	55 - 60 ft	15.2	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U

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Table 3
Summary of Soil Analytical Results
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			Analyte:	Chloride	Total Petroleum Hydrocarbons	TPH - GRO (C6 - C10)	TPH - DRO (C10 - C28)	TPH - ORO (C28 - C36)	BTEX (total)	Benzene	Ethylbenzene	m,p-Xylenes	O-Xylene	Toluene	Total Xylenes
			Method:	E300.0	8015 NM	8015B NM	8015B NM	8015B NM	CALC_VOCs	8260D	8260D	8260D	8260D	8260D	8260D
			Unit:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NM_OCD_SO_0_50	ia 19.15.29 NMAC		600	100	100	100	100	50	10					
Location	Sample Name	Sample Date	Depth												
TMW-44	TMW-44 (0-5)	8/6/2025	0 - 5 ft	254	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000988 U	< 0.000988 U	< 0.00198 U	< 0.000988 U	< 0.00494 U	< 0.00198 U
TMW-44	TMW-44 (5-10)	8/6/2025	5 - 10 ft	589	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-44	TMW-44 (10-15)	8/6/2025	10 - 15 ft	238	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-44	TMW-44 (15-20)	8/6/2025	15 - 20 ft	129	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-44	TMW-44 (20-25)	8/6/2025	20 - 25 ft	66.4	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-44	TMW-44 (25-30)	8/6/2025	25 - 30 ft	46.2	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	0.00145 J	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	0.00145 J	< 0.00198 U
TMW-44	TMW-44 (30-35)	8/6/2025	30 - 35 ft	77.3	< 50 U	< 50 U	< 50 U	< 50 U	0.00138 J	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	0.00138 J	< 0.00198 U
TMW-44	TMW-44 (35-40)	8/6/2025	35 - 40 ft	52.5	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	0.00156 J	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	0.00156 J	< 0.00198 U
TMW-44	TMW-44 (40-45)	8/6/2025	40 - 45 ft	65.9	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	0.00214	0.000418 J	< 0.000994 U	< 0.00199 U	< 0.000994 U	0.00172 J	< 0.00199 U
TMW-44	TMW-44 (45-50)	8/6/2025	45 - 50 ft	74.8	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	0.00219	0.000404 J	< 0.00099 U	< 0.00198 U	< 0.00099 U	0.00179 J	< 0.00198 U
TMW-44	TMW-44 (50-55)	8/6/2025	50 - 55 ft	46.6	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-44	TMW-44 (55-60)	8/6/2025	55 - 60 ft	42.4	< 49.5 U	< 49.5 U	< 49.5 U	< 49.5 U	0.00139 J	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	0.00139 J	< 0.00198 U
TMW-45	TMW-45 (0-5)	8/7/2025	0 - 5 ft	23.1	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-45	DUP-3-S	8/7/2025	0 - 5 ft	10.1	56.1	< 49.9 U	< 49.9 U	56.1	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-45	TMW-45 (5-10)	8/7/2025	5 - 10 ft	377	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-45	TMW-45 (10-15)	8/7/2025	10 - 15 ft	210	< 50 U	< 50 U	< 50 U	< 50 U	0.100	0.100	< 0.0496 U	< 0.0992 U	< 0.0496 U	< 0.248 U	< 0.0992 U
TMW-45	TMW-45 (15-20)	8/7/2025	15 - 20 ft	139	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-45	TMW-45 (20-25)	8/7/2025	20 - 25 ft	35.9	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-45	TMW-45 (25-30)	8/7/2025	25 - 30 ft	16.8	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U
TMW-45	TMW-45 (30-35)	8/7/2025	30 - 35 ft	18.6	< 49.7 U	< 49.7 U	< 49.7 U	< 49.7 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00504 U	< 0.00202 U
TMW-45	TMW-45 (35-40)	8/7/2025	35 - 40 ft	34.8	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-45	TMW-45 (40-45)	8/7/2025	40 - 45 ft	16.8	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00505 U	< 0.00202 U
TMW-45	TMW-45 (45-50)	8/7/2025	45 - 50 ft	12.5	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-45	TMW-45 (50-55)	8/7/2025	50 - 55 ft	35.0	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-46	TMW-46 (0-5)	8/6/2025	0 - 5 ft	53.1	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00504 U	< 0.00202 U
TMW-46	DUP-2-S	8/6/2025	0 - 5 ft	49.6	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-46	TMW-46 (5-10)	8/6/2025	5 - 10 ft	268	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00202 U	< 0.00101 U	< 0.00101 U	< 0.00202 U	< 0.00101 U	< 0.00506 U	< 0.00202 U
TMW-46	TMW-46 (10-15)	8/6/2025	10 - 15 ft	167	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00201 U	< 0.001 U	< 0.001 U	< 0.00201 U	< 0.001 U	< 0.00502 U	< 0.00201 U
TMW-46	TMW-46 (15-20)	8/6/2025	15 - 20 ft	13.8	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00198 U	< 0.000992 U	< 0.000992 U	< 0.00198 U	< 0.000992 U	< 0.00496 U	< 0.00198 U
TMW-46	TMW-46 (20-25)	8/6/2025	20 - 25 ft	21.2	< 49.7 U	< 49.7 U	< 49.7 U	< 49.7 U	< 0.00203 U	< 0.00101 U	< 0.00101 U	< 0.00203 U	< 0.00101 U	< 0.00507 U	< 0.00203 U
TMW-46	TMW-46 (25-30)	8/6/2025	25 - 30 ft	13.4	< 50 U	< 50 U	< 50 U	< 50 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.005 U	< 0.002 U
TMW-46	TMW-46 (30-35)	8/6/2025	30 - 35 ft	37.7	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00201 U	< 0.00101 U	< 0.00101 U	< 0.00201 U	< 0.00101 U	< 0.00503 U	< 0.00201 U
TMW-46	TMW-46 (35-40)	8/6/2025	35 - 40 ft	29.6	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00198 U	< 0.00099 U	< 0.00099 U	< 0.00198 U	< 0.00099 U	< 0.00495 U	< 0.00198 U
TMW-46	TMW-46 (40-45)	8/6/2025	40 - 45 ft	27.2	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.000998 U	< 0.000998 U	< 0.002 U	< 0.000998 U	< 0.00499 U	< 0.002 U
TMW-46	TMW-46 (45-50)	8/6/2025	45 - 50 ft	24.4	< 49.8 U	< 49.8 U	< 49.8 U	< 49.8 U	< 0.00199 U	< 0.000994 U	< 0.000994 U	< 0.00199 U	< 0.000994 U	< 0.00497 U	< 0.00199 U
TMW-46	TMW-46 (50-55)	8/6/2025	50 - 55 ft	21.5	< 49.9 U	< 49.9 U	< 49.9 U	< 49.9 U	< 0.002 U	< 0.001 U	< 0.001 U	< 0.002 U	< 0.001 U	< 0.00501 U	< 0.002 U
TMW-46	TMW-46 (55-60)	8/6/2025	55 - 60 ft	22.0	< 50 U	< 50 U	< 50 U	< 50 U	< 0.00199 U	< 0.000996 U	< 0.000996 U	< 0.00199 U	< 0.000996 U	< 0.00498 U	< 0.00199 U

Notes:

Blue denotes concentrations exceeding Closure Criteria as listed in Table 1, 19.15.29 NMAC

Solid font denotes concentrations exceeding laboratory detection limits

Gray font denotes concentrations below laboratory detection limits

U = analyte was analyzed for but not detected

J = estimated value, constituent detected above Method Detection Limit but below the Reporting Limit

*+ = lab control sample or lab control sample duplicate is outside acceptance limits, high biased

F1 = Matrix Spike and/or Matrix Spike Duplicate recovery exceeds control limits

NM_OCD_SO_0_50 = Closure Criteria for Soils Impacted by a Release from Table 1 of NMAC 19.15.29

TPH = Total Petroleum Hydrocarbons

DRO = Diesel Range Organics

GRO = Gasoline Range Organics

ORO = Oil Range Organics

mg/kg = miligram per kilogram

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Table 4
Summary of Ground Water Results - Human Health Standard Parameters
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

Analyte	CAS	WQCC Groundwater Standard (3103)	TMW-1 8/27/2025	TMW-2 8/13/2025	TMW-3 8/18/2025	TMW-4 8/14/2025	TMW-5 8/14/2025	TMW-6 8/25/2025	TMW-7 8/20/2025	TMW-8 8/20/2025	TMW-9 8/18/2025	TMW-10 8/18/2025
E_Kelada-01, mg/l												
Cyanide	57-12-5	0.2	0.00850	< 0.005 U	0.00801	< 0.005 U	< 0.005 U	0.00942	0.00898	0.00373 J	< 0.005 U	0.00474 J
E300.0, mg/l												
Nitrogen, Nitrate (as N)	14797-55-8	10	0.975 F1	0.659	0.695	0.772	1.35	0.569	2.03	1.60	6.70	5.77
Nitrogen, Nitrite (as N)	14797-65-0	1	< 0.1 UF1	< 0.1 UF1	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UF1	< 0.1 U	< 0.1 U	< 0.1 U
E300.28DAY, mg/l												
Chloride	16887-00-6	250	110	279	264	585	2890	1590	880	442	343	194
Fluoride	16984-48-8	1.6	0.475 JF1	1.32 F1	1.34	1.71	0.608	0.474 J	1.73	1.66	0.551	0.146 J
Sulfate	14808-79-8	600	19.9 F1	263	194	314	226	189	291	291	64.9	56.2
E420.4R1.0 (AQUEOUS), mg/l												
Total Phenols, Petroleum	64743-03-9		< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.1 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U
E900, pci/l												
Gross Alpha	12587-46-1		8.76 G	10.9 G	< 3 UG	< 3 UG	219 G	< 3 UG	< 3 UG	14.8 G	< 3 UG	11.0 G
Gross Beta	12587-47-2		6.05	4.72	22.6	< 4 UG	133 G	13.9 G	10.4 G	8.02 G	18.2 G	7.34
E903.0, pci/l												
Radium-226	13982-63-3		0.537	0.287 U	1.23 UG	0.489	0.943	0.227 U	0.295 U	0.431 U	0.919 UG	0.863
E904.0, pci/l												
Radium-228	15262-20-1		1.07 UG	0.941	4.25 G	1.30	0.296 U	0.621 UG	1.46 G	4.02 G	-0.524 UG	1.76 G
Calculated pci/l												
Radium-228 + Radium - 226		5	1.61	1.23	5.48	1.79	1.24	0.85	1.76	4.45	1.44	2.62
M1030E, meq/L												
Total Anions	TOTAL_ANIONS		10.1	18.6	18.1	29.2	91.4	52.8	36.7	24.5	21.2	12.6
Total Cations	TOTAL_CATIONS		8.10	13.6	17.6	35.0	125	50.8	40.9	19.1	28.9	9.15
M2320B, mg/l												
Alkalinity, Bicarbonate (as CaCO3)	Alkalin_BiCrb		197	156	181	204	136	97.2	181	177	174	182
Alkalinity, Carbonate (as CaCO3)	Alkalin_Crbnt		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Alkalinity, Total (as CaCO3)	E1640192		197	156	181	204	136	97.2	181	177	174	182
Hydroxide Alkalinity	Alkalin_OH-		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Phenolphthalein Alkalinity	Alkalin_Pheno		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
M2540C, mg/l												
Total Dissolved Solids	E1642222	1000	593	996	953	2020	7610	3690	2500	1390	1320	1000
SW6010, mg/l												
Calcium	7440-70-2		116	112	165	178	1300	610	148	143	474	139
Iron	7439-89-6	1	0.736	0.127 J	2.00	0.157 J	0.104 J	0.300	0.319	1.64	18.8	0.738
Magnesium	7439-95-4		11.2	9.65	16.6	15.1	180	48.2	22.3	19.8	33.5	11.9
Potassium	7440-09-7		7.69	2.46	3.20	3.42	9.21	4.16	5.69	3.74	11.0	3.77
Silicone Dioxide	14808-60-7		77.9	59.7	86.5	58.9	69.1	59.1	59.3	66.6	184	56.3
Sodium	7440-23-5		27.4	165	181 ^2	570	1050	375	725	235	51.8 ^2	26.7
Sulfur	7704-34-9		6.07	74.0	74.5	137	109	69.0	114	84.0	17.4	14.4
SW6020, mg/l												
Aluminum	7429-90-5	5	1.32	0.476	2.99	0.297	0.110	0.732	0.542	3.51	36.5	1.19
Antimony	7440-36-0	0.006	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Arsenic	7440-38-2	0.01	0.00477	0.00530	0.00456	0.00606	0.00228 J	0.00146 J	0.00568	0.00605	0.00920	0.00269 J
Barium	7440-39-3	2	0.351	0.0363	0.0407	0.0338	0.189	0.0497	0.0334	0.0628	0.519	0.0999
Beryllium	7440-41-7	0.004	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.00210	< 0.002 U
Boron	7440-42-8	0.75	0.192	0.277	0.281	0.498	0.373	0.207	0.503	0.348	0.241	0.0751
Cadmium	7440-43-9	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chromium	7440-47-3	0.05	0.00138 J	0.00200 J	0.00362 J	0.00245 J	0.00138 J	0.00150 J	0.00219 J	0.00437	0.0272	0.00121 J
Cobalt	7440-48-4	0.05	0.000374 J	< 0.002 U	0.00101 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.000781 J	0.0103	0.000358 J
Copper	7440-50-8	1	0.00110 J	< 0.004 U	0.00108 J	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	0.00148 J	0.0134	< 0.004 U
Lead	7439-92-1	0.015	0.000463 J	< 0.002 U	0.00106 J	< 0.002 U	< 0.002 U	< 0.002 U	0.000367 J	0.00145 J	0.0122	< 0.002 U
Manganese	7439-96-5	0.2	0.0126	0.00710	0.0300	0.00374	0.00147 J	0.00393	0.00666	0.0285	0.325	0.00972
Molybdenum	7439-98-7	1	0.000994 J	0.00725	0.00613	0.00576	0.000552 J	0.000772 J	0.00795	0.00488	0.00115 J	< 0.002 U
Nickel	7440-02-0	0.2	0.000857 J	0.000528 J	0.00204	0.000659 J	0.000778 J	< 0.002 U	0.000733 J	0.00198 J	0.0225	0.000762 J
Selenium	7782-49-2	0.05	< 0.002 U	0.0289	0.0188	0.0326	0.0309	0.0148	0.0284	0.0313	0.00444	0.00112 J
Silver	7440-22-4	0.05	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Thallium	7440-28-0	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Uranium-238	7440-61-1	0.03	0.00129	0.00131	0.00183	0.00297	0.00579	0.00134	0.00183	0.00461	0.00344	0.00213
Zinc	7440-66-6	10	0.00357 J	0.00481	0.00412	< 0.004 U	< 0.004 U	< 0.004 U	0.00335 J	0.00671	0.0710	0.00311 J
SW7470, mg/l												
Mercury	7439-97-6	0.002	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U	0.000534	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U
SW8015 Mod, mg/l												
TPH - DRO (C10 - C28)	PHCDROC10C28		---	---	---	---	---	---	---	---	---	---
TPH - DRO (C28 - C36)	PHCDROC28C36		---	---	---	---	---	---	---	---	---	---
TPH - GRO (C6 - C10)	PHCGROC6C10		---	---	---	---	---	---	---	---	---	---
SW8082, mg/l												
Aroclor 1016	12674-11-2		< 0.000261 U	< 0.000308 U	< 0.000251 U	< 0.000316 U	< 0.000315 U	< 0.00025 U	< 0.000329 U	< 0.000308 U	< 0.000251 U	< 0.000252 U
Aroclor 1221	11104-28-2		< 0.000522 U	< 0.000616 U	< 0.000501 U	< 0.000631 U	< 0.00063 U	< 0.000499 U	< 0.000658 U	< 0.000616 U	< 0.000502 U	< 0.000503 U
Aroclor 1232	11141-16-5		< 0.000522 U	< 0.000616 U	< 0.000501 U	< 0.000631 U	< 0.00063 U	< 0.000499 U	< 0.000658 U	< 0.000616 U	< 0.000502 U	< 0.000503 U
Aroclor 1242	53469-21-9		< 0.000261 U	< 0.000308 U	< 0.000251 U	< 0.000316 U	< 0.000315 U	< 0.00025 U	< 0.000329 U	< 0.000308 U	< 0.000251 U	< 0.000252 U
Aroclor 1248	12672-29-6		< 0.000522 U	< 0.000616 U	< 0.000501 U	< 0.000631 U	< 0.00063 U	< 0.000499 U	< 0.000658 U	< 0.000616 U	< 0.000502 U	< 0.000503 U
Aroclor 1254	11097-69-1		< 0.000522 U	< 0.000616 U	< 0.000501 U	< 0.000631 U	< 0.00063 U	< 0.000499 U	< 0.000658 U	< 0.000616 U	< 0.000502 U	< 0.000503 U
Aroclor 1260	11096-82-5		< 0.000261 U	< 0.000308 U	< 0.000251 U	< 0.000316 U	< 0.000315 U	< 0.00025 U	< 0.000329 U	< 0.000308 U	< 0.000251 U	< 0.000252 U
SW8260 SIM, ug/l												
1,2,3-Trichloropropane	96-18-4		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromoethane (EDB)	106-93-4	0.05	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8260, mg/l												
1,1,1-Trichloroethane	71-55-6	0.2	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	0.01	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1,2-Trichloroethane	79-00-5	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethane	75-34-3	0.025	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethene	75-35-4	0.007	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloroethane	107-06-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloropropane	78-87-5	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Benzene	71-43-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Carbon Tetrachloride	56-23-5	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chloroform	67-66-3	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Cis-1,2-Dichloroethene	156-59-2	0.07	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Ethylbenzene	100-41-4	0.7	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
m,p-Xylenes	179601-23-1		< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.1	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Methylene chloride	75-09-2	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
O-Xylene	95-47-6		< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Tetrachloroethene	127-18-4	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Toluene	108-88-3	1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Total Xylenes	1330-20-7	0.62	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trans-1,2-Dichloroethene	156-60-5	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Trichloroethene	79-01-6	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Vinyl Chloride	75-01-4	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
SW8270, ug/l												
1,2,4-Trichlorobenzene	120-82-1	70	< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
1,2-Dichlorobenzene	95-50-1	600	< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
1,4-Dichlorobenzene	106-46-7	75	< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
1-Methylnaphthalene	90-12-0	30	< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
2-Methylnaphthalene	91-57-6	30	< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Acenaphthene	83-32-9		< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Acenaphthylene	208-96-8		< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Anthracene	120-12-7		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Atrazine	1912-24-9	3	< 0.501 U	< 0.501 U	< 0.5 U	< 0.501 U	< 0.501 U	< 0.5 U	< 0.501 U	< 0.5 U	< 5 U	< 0.5 U
Benzo(a)anthracene	56-55-3		< 0.286 U*3	< 0.287 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 2.86 U	< 0.286 U
Benzo(a)pyrene	50-32-8	0.2	< 0.286 U*3	< 0.287 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 2.86 U	< 0.286 U
Benzo(b)fluoranthene	205-99-2		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Benzo(g,h,i)perylene	191-24-2		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Benzo(k)fluoranthene	207-08-9		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Chrysene	218-01-9		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Dibenzo(a,h)anthracene	53-70-3		< 0.114 U*3	< 0.115 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 1.14 U	< 0.114 U
Fluoranthene	206-44-0		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Fluorene	86-73-7		< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Indeno(1,2,3-Cd)Pyrene	193-39-5		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Naphthalene	91-20-3	30	< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Pentachlorophenol	87-86-5	1	< 0.572 U	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Phenanthrene	85-01-8		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Pyrene	129-00-0		< 0.572 U*3	< 0.573 U	< 0.571 U	< 0.572 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 5.71 U	< 0.571 U
Styrene	100-42-5	100	< 2.29 U*-*1	< 2.29 U	< 2.29 U*+	< 2.29 U	< 2.29 U	< 2.29 U	< 2.29 U	< 2.29 U	< 22.9 U	< 2.29 U*+
SW9040C, deg c												
Temperature[1]	Field_Temp		20.3 HF	16.8 HF	20.8 HF	16.9 HF	16.4 HF	20.5 HF	20.0 HF	20.4 HF	21.1 HF	20.8 HF
SW9040C, pH												
Corrosivity	E1647668		7.79 HF	7.32 HF	7.31 HF	7.37 HF	6.87 HF	7.24 HF	7.57 HF	7.42 HF	7.17 HF	7.34 HF
pH[1]	E17028275	9	7.79 HF	7.32 HF	7.31 HF	7.37 HF	6.87 HF	7.24 HF	7.57 HF	7.42 HF	7.17 HF	7.34 HF

Table 4
Summary of Ground Water Results - Human Health Standard Parameters
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

Analyte	CAS	WQCC Groundwater Standard (3103)	TMW-11 8/12/2025	TMW-12 8/13/2025	TMW-13 8/21/2025	TMW-14 8/26/2025	TMW-15 8/21/2025	TMW-16 8/19/2025	TMW-17 8/27/2025	TMW-18 8/25/2025	TMW-19 8/20/2025	TMW-20 8/20/2025
E_Kelada-01, mg/l												
Cyanide	57-12-5	0.2	< 0.005 U	0.00215 J	< 0.005 U	0.00827	0.00294 J	< 0.005 U	< 0.005 U	0.00342 J	0.00311 J	0.00940
E300.0, mg/l												
Nitrogen, Nitrate (as N)	14797-55-8	10	0.665	1.25	12.6	0.579	2.19	2.22	1.55	0.681	2.44	3.50
Nitrogen, Nitrite (as N)	14797-65-0	1	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.5 U	< 0.1 U	< 0.1 U	< 0.1 U
E300.28DAY, mg/l												
Chloride	16887-00-6	250	380	443	1620	1770	2190	811	5700	1330	808	302
Fluoride	16984-48-8	1.6	1.70	1.56	1.00	0.546	0.669	0.501	< 2.5 U	0.881	1.15	0.691
Sulfate	14808-79-8	600	220 B	265	238	183	171	101	235	141	88.5	180
E420.4R1.0 (AQUEOUS), mg/l												
Total Phenols, Petroleum	64743-03-9		< 0.01 U	< 0.01 U	< 0.01 U	< 0.1 U	< 0.01 U	< 0.01 U	< 1 U	< 0.01 U	< 0.01 U	< 0.01 U
E900, pci/l												
Gross Alpha	12587-46-1		< 3 UG	16.0 G	< 3 UG	< 3 UG	< 3 UG	< 3 UG	< 3 UG	< 3 UG	21.9 G	16.7 G
Gross Beta	12587-47-2		< 4 UG	12.8 G	12.8 G	22.0 G	< 4 UG	< 4 UG	< 4 UG	< 4 UG	< 4 UG	7.43 G
E903.0, pci/l												
Radium-226	13982-63-3		0.0430 U	0.541 U	0.304 UG	0.592	0.576 U	1.10	1.29	0.160 U	0.334 U	0.595 U
E904.0, pci/l												
Radium-228	15262-20-1		0.231 U	1.48	2.06 UG	1.28 UG	3.55 G	1.00 UG	1.58 UG	0.922 UG	1.40	2.46 G
Calculated pci/l												
Radium-228 + Radium - 226		5	0.27	2.02	2.36	1.87	4.13	2.10	2.87	1.08	1.73	3.06
M1030E, meq/L												
Total Anions	TOTAL_ANIONS		20.5	23.5	57.2	58.3	69.4	30.9	170	44.4	28.9	18.0
Total Cations	TOTAL_CATIONS		18.9	20.5	52.1	56.1	67.0	27.6	141	42.1	25.6	16.1
M2320B, mg/l												
Alkalinity, Bicarbonate (as CaCO3)	Alkalin_BiCrb		152	160	167	112	83.5	161	124	98.2	94.0	140
Alkalinity, Carbonate (as CaCO3)	Alkalin_Crbnt		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Alkalinity, Total (as CaCO3)	E1640192		152	160	167	112	83.5	161	124	98.2	94.0	140
Hydroxide Alkalinity	Alkalin_OH-		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Phenolphthalein Alkalinity	Alkalin_Pheno		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
M2540C, mg/l												
Total Dissolved Solids	E1642222	1000	1550 H	1320	3480	4680	4430	2260	11600	3310	2440	1100
SW6010, mg/l												
Calcium	7440-70-2		171	211	258	720	840	342	1340	485	295	180
Iron	7439-89-6	1	0.217	0.832	1.43	0.779	0.646	1.08	0.900	0.244	0.478	2.20
Magnesium	7439-95-4		23.6	17.4	30.6	80.0	98.4	51.3	179	52.4	33.3	15.8
Potassium	7440-09-7		3.19	3.77	6.27	6.18	7.24	4.72	12.3	4.82	3.32	3.40
Silicone Dioxide	14808-60-7		62.3	63.3	69.1	68.3	65.1	77.0	58.9	56.7	65.9	79.2 F1
Sodium	7440-23-5		192	195	840	309	387	143	1380	309	185	133
Sulfur	7704-34-9		74.2	83.0	75.3	62.6	53.2	31.6	67.0	51.0	28.2	61.0
SW6020, mg/l												
Aluminum	7429-90-5	5	0.362	0.945	2.59	1.32	1.17	1.73	2.29	0.495	0.652	3.46
Antimony	7440-36-0	0.006	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.01 U	< 0.002 U	< 0.002 U	< 0.002 U
Arsenic	7440-38-2	0.01	0.00434	0.00390 J	0.00364 J	0.00296 J	0.00209 J	0.00299 J	< 0.02 U	0.00244 J	0.00295 J	0.00343 J
Barium	7440-39-3	2	0.0360	0.0367	0.0559	0.0974	0.116	0.167	0.230	0.0795	0.139	0.0446
Beryllium	7440-41-7	0.004	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.01 U	< 0.002 U	< 0.002 U	< 0.002 U
Boron	7440-42-8	0.75	0.297	0.278	0.815	0.258	0.248	0.133	0.509	0.283	0.152	0.197
Cadmium	7440-43-9	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.01 U	< 0.002 U	< 0.002 U	< 0.002 U
Chromium	7440-47-3	0.05	0.00163 J	0.00241 J	0.00362 J	0.00275 J	0.00225 J	0.00200 J	0.00348 J	0.00251 J	0.00142 J	0.00397 J
Cobalt	7440-48-4	0.05	< 0.002 U	0.000383 J	0.000732 J	0.000425 J	0.000426 J	0.000560 J	< 0.01 U	< 0.002 U	< 0.002 U	0.000711 J
Copper	7440-50-8	1	< 0.004 U	< 0.004 U	0.00152 J	< 0.004 U	< 0.004 U	0.00119 J	< 0.02 U	< 0.004 U	< 0.004 U	0.00128 J
Lead	7439-92-1	0.015	< 0.002 U	0.000492 J	0.000911 J	0.000448 J	0.000520 J	0.000647 J	< 0.01 U	< 0.002 U	< 0.002 U	0.000886 J
Manganese	7439-96-5	0.2	0.00603	0.0178	0.0399	0.0248	0.0178	0.0187	0.0236	0.00488	0.00811	0.0199
Molybdenum	7439-98-7	1	0.00585	0.00534	0.00295	0.00152 J	0.00213	0.000845 J	< 0.01 U	0.00310	0.00422	0.00279
Nickel	7440-02-0	0.2	< 0.002 U	0.000711 J	0.00195 J	0.00103 J	0.00103 J	0.00184 J	< 0.01 U	0.000755 J	0.00131 J	0.00185 J
Selenium	7782-49-2	0.05	0.0242	0.0288	0.0233	0.0245	0.0206	0.0119	0.0243	0.0204	0.0204	0.0239
Silver	7440-22-4	0.05	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.01 U	< 0.002 U	< 0.002 U	< 0.002 U
Thallium	7440-28-0	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.01 U	< 0.002 U	< 0.002 U	< 0.002 U
Uranium-238	7440-61-1	0.03	0.00327	0.00146	0.00301	0.00178	0.00246	0.00342	0.00625	0.00199	0.000960 J	0.00119
Zinc	7440-66-6	10	< 0.004 U	0.00395 J	0.00990	0.00324 J	< 0.004 U	0.00288 J	< 0.02 U	< 0.004 U	< 0.004 U	0.00524
SW7470, mg/l												
Mercury	7439-97-6	0.002	< 0.0002 U	< 0.0002 U	< 0.0002 U	0.000122 J	< 0.0002 U	< 0.0002 U	0.000459	< 0.0002 U	< 0.0002 U	< 0.0002 U
SW8015 Mod, mg/l												
TPH - DRO (C10 - C28)	PHCDROC10C28		---	---	---	---	---	---	---	---	---	---
TPH - DRO (C28 - C36)	PHCDROC28C36		---	---	---	---	---	---	---	---	---	---
TPH - GRO (C6 - C10)	PHCGROC6C10		---	---	---	---	---	---	---	---	---	---
SW8082, mg/l												
Aroclor 1016	12674-11-2		< 0.000311 U	< 0.000313 U	< 0.00031 U	< 0.000309 U	< 0.000309 U	< 0.000309 U	< 0.000245 U	< 0.000314 U	< 0.000301 U	< 0.000313 U
Aroclor 1221	11104-28-2		< 0.000622 U	< 0.000625 U	< 0.00062 U	< 0.000619 U	< 0.000619 U	< 0.000619 U	< 0.00049 U	< 0.000628 U	< 0.000602 U	< 0.000625 U
Aroclor 1232	11141-16-5		< 0.000622 U	< 0.000625 U	< 0.00062 U	< 0.000619 U	< 0.000619 U	< 0.000619 U	< 0.00049 U	< 0.000628 U	< 0.000602 U	< 0.000625 U
Aroclor 1242	53469-21-9		< 0.000311 U	< 0.000313 U	< 0.00031 U	< 0.000309 U	< 0.000309 U	< 0.000309 U	< 0.000245 U	< 0.000314 U	< 0.000301 U	< 0.000313 U
Aroclor 1248	12672-29-6		< 0.000622 U	< 0.000625 U	< 0.00062 U	< 0.000619 U	< 0.000619 U	< 0.000619 U	< 0.00049 U	< 0.000628 U	< 0.000602 U	< 0.000625 U
Aroclor 1254	11097-69-1		< 0.000622 U	< 0.000625 U	< 0.00062 U	< 0.000619 U	< 0.000619 U	< 0.000619 U	< 0.00049 U	< 0.000628 U	< 0.000602 U	< 0.000625 U
Aroclor 1260	11096-82-5		< 0.000311 U	< 0.000313 U	< 0.00031 U	< 0.000309 U	< 0.000309 U	< 0.000309 U	< 0.000245 U	< 0.000314 U	< 0.000301 U	< 0.000313 U
SW8260 SIM, ug/l												
1,2,3-Trichloropropane	96-18-4		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromoethane (EDB)	106-93-4	0.05	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8260, mg/l												
1,1,1-Trichloroethane	71-55-6	0.2	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	0.01	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1,2-Trichloroethane	79-00-5	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethane	75-34-3	0.025	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethene	75-35-4	0.007	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloroethane	107-06-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloropropane	78-87-5	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Benzene	71-43-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Carbon Tetrachloride	56-23-5	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chloroform	67-66-3	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Cis-1,2-Dichloroethene	156-59-2	0.07	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Ethylbenzene	100-41-4	0.7	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
m,p-Xylenes	179601-23-1		< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.1	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Methylene chloride	75-09-2	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	0.00199 J	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
O-Xylene	95-47-6		< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Tetrachloroethene	127-18-4	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Toluene	108-88-3	1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Total Xylenes	1330-20-7	0.62	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trans-1,2-Dichloroethene	156-60-5	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Trichloroethene	79-01-6	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Vinyl Chloride	75-01-4	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
SW8270, ug/l												
1,2,4-Trichlorobenzene	120-82-1	70	< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
1,2-Dichlorobenzene	95-50-1	600	< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
1,4-Dichlorobenzene	106-46-7	75	< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
1-Methylnaphthalene	90-12-0	30	< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
2-Methylnaphthalene	91-57-6	30	< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Acenaphthene	83-32-9		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Acenaphthylene	208-96-8		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Anthracene	120-12-7		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Atrazine	1912-24-9	3	< 0.501 U	< 0.501 U	< 0.5 U	< 0.499 U	< 0.502 U	< 0.5 U	< 0.5 U	< 0.501 U	< 0.501 U	< 0.5 U
Benzo(a)anthracene	56-55-3		< 0.286 U	< 0.286 U	< 0.286 U	< 0.285 U	< 0.287 U	< 0.286 U	< 0.286 U	< 0.287 U	< 0.287 U	< 0.286 U
Benzo(a)pyrene	50-32-8	0.2	< 0.286 U	< 0.286 U	< 0.286 U	< 0.285 U	< 0.287 U	< 0.286 U	< 0.286 U	< 0.287 U	< 0.287 U	< 0.286 U
Benzo(b)fluoranthene	205-99-2		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Benzo(g,h,i)perylene	191-24-2		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Benzo(k)fluoranthene	207-08-9		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Chrysene	218-01-9		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Dibenzo(a,h)anthracene	53-70-3		< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.115 U	< 0.114 U	< 0.114 U	< 0.115 U	< 0.115 U	< 0.114 U
Fluoranthene	206-44-0		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Fluorene	86-73-7		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Indeno(1,2,3-Cd)Pyrene	193-39-5		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Naphthalene	91-20-3	30	< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Pentachlorophenol	87-86-5	1	< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Phenanthrene	85-01-8		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Pyrene	129-00-0		< 0.572 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.574 U	< 0.571 U	< 0.571 U	< 0.573 U	< 0.573 U	< 0.571 U
Styrene	100-42-5	100	< 2.29 U*+	< 2.29 U	< 2.29 U	< 2.28 U	< 2.3 U	< 2.29 U*+	< 2.29 U*,*1	< 2.29 U	< 2.29 U	< 2.29 U
SW9040C, deg c												
Temperature[1]	Field_Temp		20.4 Hf	16.3 Hf	20.7 Hf	20.7 Hf	21.1 Hf	22.9 Hf	20.0 Hf	21.0 Hf	20.3 Hf	22.2 Hf
SW9040C, pH												
Corrosivity	E1647668		7.47 Hf	7.25 Hf	7.35 Hf	7.30 Hf	7.15 Hf	7.38 Hf	7.13 Hf	7.49 Hf	7.45 Hf	7.43 Hf
pH[1]	E17028275	9	7.47 Hf	7.25 Hf	7.35 Hf	7.30 Hf	7.15 Hf	7.38 Hf	7.13 Hf	7.49 Hf	7.45 Hf	7.43 Hf

Table 4
Summary of Ground Water Results - Human Health Standard Parameters
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

Analyte	CAS	WQCC Groundwater Standard (3103)	TMW-21 8/19/2025	TMW-22 8/20/2025	TMW-23 8/20/2025	TMW-24 8/19/2025	TMW-27 8/14/2025	TMW-28 8/13/2025	TMW-28 8/13/2025	TMW-30 8/25/2025	TMW-30 8/25/2025	TMW-31 8/21/2025
E_Kelada-01, mg/l												
Cyanide	57-12-5	0.2	< 0.005 U	0.00270 J	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	0.00444 J		< 0.005 U
E300.0, mg/l												
Nitrogen, Nitrate (as N)	14797-55-8	10	0.327	0.341	3.52	1.22	3.62 H	0.770	0.760	1.31		1.89
Nitrogen, Nitrite (as N)	14797-65-0	1	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 1 UH	< 0.1 U	< 0.1 U	0.0856 J		< 0.1 U
E300.28DAY, mg/l												
Chloride	16887-00-6	250	269	278	951	273	3880	325	325	1010	1110	2950
Fluoride	16984-48-8	1.6	0.286 J	0.355 J	0.399 J	0.626	< 5 U	1.61	1.60	1.24	---	0.521
Sulfate	14808-79-8	600	172	197	221	232	410	247	246	182	---	178
E420.4R1.0 (AQUEOUS), mg/l												
Total Phenols, Petroleum	64743-03-9		< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.1 U	< 0.01 U	< 0.01 U	< 0.01 U	---	< 0.01 U
E900, pci/l												
Gross Alpha	12587-46-1		< 3 UG	12.6 G	24.4 G	< 3 UG	< 3 UG	< 3 UG	14.5 G	< 3 UG	---	< 3 UG
Gross Beta	12587-47-2		7.79	< 4 U	11.2 G	5.56	< 4 UG	4.66	6.19	23.0 G	---	28.6 G
E903.0, pci/l												
Radium-226	13982-63-3		0.516	0.387 U	0.617	0.485	1.63	0.276 U	0.784 U	1.12	---	0.433 U
E904.0, pci/l												
Radium-228	15262-20-1		0.570 U	0.970 UG	6.55	0.680 U	2.95 G	1.66	1.39	-0.796 UG	---	4.72 G
Calculated pci/l												
Radium-228 + Radium - 226		5	1.09	1.36	7.17	1.17	4.58	1.94	2.17	1.89	---	5.15
M1030E, meq/L												
Total Anions	TOTAL_ANIONS		15.5	15.9	36.7	18.0	123	18.7	18.4	37.3	---	92.3
Total Cations	TOTAL_CATIONS		12.8	13.8	39.6	15.4	148	15.3	12.0	34.3	---	78.3
M2320B, mg/l												
Alkalinity, Bicarbonate (as CaCO3)	Alkalin_BiCrb		118	102	136	168	134	129	128	150	---	147
Alkalinity, Carbonate (as CaCO3)	Alkalin_Crbnt		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	---	< 4 U
Alkalinity, Total (as CaCO3)	E1640192		118	102	136	168	134	129	128	150	---	147
Hydroxide Alkalinity	Alkalin_OH-		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	---	< 4 U
Phenolphthalein Alkalinity	Alkalin_Pheno		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	---	< 4 U
M2540C, mg/l												
Total Dissolved Solids	E1642222	1000	1060	1090	2130[2]	999	7780	1200	1010	2340	---	6460
SW6010, mg/l												
Calcium	7440-70-2		141	155	463	132	860	132	94.5	234	---	870
Iron	7439-89-6	1	0.403	0.675	0.422	0.117 J	0.769	0.425	0.485	0.311	---	0.588
Magnesium	7439-95-4		11.7	11.4	41.4	15.1	131	12.0	9.83	40.6	---	123
Potassium	7440-09-7		2.79	3.13	4.39	2.53	14.4	4.46	3.38	7.69	---	8.06
Silicone Dioxide	14808-60-7		56.9	56.7	69.6	59.5	55.4	50.9	43.7	55.0	---	68.5
Sodium	7440-23-5		108	116	299	172	2170	176	147	439	---	565
Sulfur	7704-34-9		53.2	69.0	89.0	73.3	168	78.0	59.0	60.8	---	52.2
SW6020, mg/l												
Aluminum	7429-90-5	5	0.689	0.992	0.606	0.179	1.15	0.790	0.837	4.34	---	1.03
Antimony	7440-36-0	0.006	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U
Arsenic	7440-38-2	0.01	0.00395 J	0.00348 J	0.00200 J	0.00324 J	0.00208 J	0.00395 J	0.00375 J	0.00313 J	---	0.00205 J
Barium	7440-39-3	2	0.0506	0.0425	0.0649	0.0239	0.123	0.0586	0.0478	0.0700	---	0.226
Beryllium	7440-41-7	0.004	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U
Boron	7440-42-8	0.75	0.125	0.0825	0.238	0.314	1.20	0.300	0.255	0.346	---	0.295
Cadmium	7440-43-9	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U
Chromium	7440-47-3	0.05	0.00223 J	0.00229 J	0.00202 J	0.00167 J	0.00197 J	0.00489	0.00821	0.00498	---	0.00226 J
Cobalt	7440-48-4	0.05	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.000566 J	< 0.002 U	< 0.002 U	0.00100 J	---	0.000470 J
Copper	7440-50-8	1	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	< 0.004 U	0.00213 J	---	< 0.004 U
Lead	7439-92-1	0.015	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.000512 J	0.000616 J	0.00114 J	---	0.000435 J
Manganese	7439-96-5	0.2	0.00796	0.0105	0.00474	0.00155 J	0.0447	0.00850	0.00944	0.0340	---	0.0238
Molybdenum	7439-98-7	1	0.00122 J	0.00243	0.00108 J	0.00336	0.00224	0.0128	0.0118	0.00543	---	0.00128 J
Nickel	7440-02-0	0.2	0.000590 J	0.00128 J	0.000834 J	< 0.002 U	0.00224	0.00249	0.00362	0.00289	---	0.00338
Selenium	7782-49-2	0.05	0.0241	0.0245	0.0247	0.0279	0.0277	0.0290	0.0257	0.0226	---	0.0166
Silver	7440-22-4	0.05	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U
Thallium	7440-28-0	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U
Uranium-238	7440-61-1	0.03	0.00104	0.000811 J	0.00304	0.00217	0.00644	0.00671	0.00583	0.00315	---	0.00724
Zinc	7440-66-6	10	< 0.004 U	0.00526	< 0.004 U	< 0.004 U	0.0112	< 0.004 U	< 0.004 U	0.0169	---	0.0337
SW7470, mg/l												
Mercury	7439-97-6	0.002	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U	0.0000730 J	< 0.0002 U	< 0.0002 U	< 0.0002 U	---	0.0000720 J
SW8015 Mod, mg/l												
TPH - DRO (C10 - C28)	PHCDROC10C28		---	---	---	---	---	---	---	---	< 5.14 U	---
TPH - DRO (C28 - C36)	PHCDROC28C36		---	---	---	---	---	---	---	---	< 5.14 U	---
TPH - GRO (C6 - C10)	PHCGROC6C10		---	---	---	---	---	---	---	---	< 5.14 U	---
SW8082, mg/l												
Aroclor 1016	12674-11-2		< 0.000315 U	< 0.000308 U	< 0.000293 U	< 0.000309 U	< 0.000289 U	< 0.000302 U	< 0.000307 U	< 0.000313 U	---	< 0.000314 U
Aroclor 1221	11104-28-2		< 0.00063 U	< 0.000616 U	< 0.000587 U	< 0.000619 U	< 0.000577 U	< 0.000604 U	< 0.000614 U	< 0.000627 U	---	< 0.000628 U
Aroclor 1232	11141-16-5		< 0.00063 U	< 0.000616 U	< 0.000587 U	< 0.000619 U	< 0.000577 U	< 0.000604 U	< 0.000614 U	< 0.000627 U	---	< 0.000628 U
Aroclor 1242	53469-21-9		< 0.000315 U	< 0.000308 U	< 0.000293 U	< 0.000309 U	< 0.000289 U	< 0.000302 U	< 0.000307 U	< 0.000313 U	---	< 0.000314 U
Aroclor 1248	12672-29-6		< 0.00063 U	< 0.000616 U	< 0.000587 U	< 0.000619 U	< 0.000577 U	< 0.000604 U	< 0.000614 U	< 0.000627 U	---	< 0.000628 U
Aroclor 1254	11097-69-1		< 0.00063 U	< 0.000616 U	< 0.000587 U	< 0.000619 U	< 0.000577 U	< 0.000604 U	< 0.000614 U	< 0.000627 U	---	< 0.000628 U
Aroclor 1260	11096-82-5		< 0.000315 U	< 0.000308 U	< 0.000293 U	< 0.000309 U	< 0.000289 U	< 0.000302 U	< 0.000307 U	< 0.000313 U	---	< 0.000314 U
SW8260 SIM, ug/l												
1,2,3-Trichloropropane	96-18-4		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	---	< 0.05 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	---	< 0.05 U
1,2-Dibromoethane (EDB)	106-93-4	0.05	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	---	< 0.05 U
SW8260, mg/l												
1,1,1-Trichloroethane	71-55-6	0.2	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	0.01	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
1,1,2-Trichloroethane	79-00-5	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
1,1-Dichloroethane	75-34-3	0.025	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
1,1-Dichloroethene	75-35-4	0.007	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
1,2-Dichloroethane	107-06-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
1,2-Dichloropropane	78-87-5	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U
Benzene	71-43-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Carbon Tetrachloride	56-23-5	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U
Chloroform	67-66-3	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
Cis-1,2-Dichloroethene	156-59-2	0.07	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
Ethylbenzene	100-41-4	0.7	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
m,p-Xylenes	179601-23-1		< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.1	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U
Methylene chloride	75-09-2	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U
O-Xylene	95-47-6		< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Tetrachloroethene	127-18-4	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
Toluene	108-88-3	1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Total Xylenes	1330-20-7	0.62	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trans-1,2-Dichloroethene	156-60-5	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U
Trichloroethene	79-01-6	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U
Vinyl Chloride	75-01-4	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U
SW8270, ug/l												
1,2,4-Trichlorobenzene	120-82-1	70	< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
1,2-Dichlorobenzene	95-50-1	600	< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
1,4-Dichlorobenzene	106-46-7	75	< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
1-Methylnaphthalene	90-12-0	30	< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
2-Methylnaphthalene	91-57-6	30	< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Acenaphthene	83-32-9		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Acenaphthylene	208-96-8		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Anthracene	120-12-7		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Atrazine	1912-24-9	3	< 0.501 U	< 0.507 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.501 U	< 0.5 U	< 0.501 U	---	< 0.501 U
Benzo(a)anthracene	56-55-3		< 0.286 U	< 0.29 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	---	< 0.287 U
Benzo(a)pyrene	50-32-8	0.2	< 0.286 U	< 0.29 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	---	< 0.287 U
Benzo(b)fluoranthene	205-99-2		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Benzo(g,h,i)perylene	191-24-2		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Benzo(k)fluoranthene	207-08-9		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Chrysene	218-01-9		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Dibenzo(a,h)anthracene	53-70-3		< 0.114 U	< 0.116 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	---	< 0.115 U
Fluoranthene	206-44-0		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Fluorene	86-73-7		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Indeno(1,2,3-Cd)Pyrene	193-39-5		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Naphthalene	91-20-3	30	< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Pentachlorophenol	87-86-5	1	< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Phenanthrene	85-01-8		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Pyrene	129-00-0		< 0.572 U	< 0.58 U	< 0.571 U	< 0.571 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.572 U	---	< 0.573 U
Styrene	100-42-5	100	< 2.29 U*+	< 2.32 U	< 2.29 U	< 2.29 U*+	< 2.29 U	< 2.29 U	< 2.29 U	< 2.29 U	---	< 2.29 U
SW9040C, deg c												
Temperature[1]	Field_Temp		23.1 HF	20.0 HF	21.0 HF	22.9 HF	16.3 HF	17.1 HF	17.9 HF	19.9 HF	---	20.3 HF
SW9040C, pH												
Corrosivity	E1647668		7.67 HF	7.63 HF	7.36 HF	7.62 HF	7.04 HF	7.55 HF	7.55 HF	7.62 HF	---	7.19 HF
pH[1]	E17028275	9	7.67 HF	7.63 HF	7.36 HF	7.62 HF	7.04 HF	7.55 HF	7.55 HF	7.62 HF	---	7.19 HF

Table 4
Summary of Ground Water Results - Human Health Standard Parameters
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

Analyte	CAS	WQCC Groundwater Standard (3103)	TMW-31 8/21/2025	TMW-33 8/21/2025	TMW-33 8/21/2025	TMW-34 8/26/2025	TMW-36 8/27/2025	TMW-37 8/25/2025	TMW-37 8/25/2025	TMW-40 8/20/2025	TMW-41 8/11/2025	TMW-41 8/11/2025
E_Kelada-01, mg/l												
Cyanide	57-12-5	0.2	0.00522	< 0.005 U	0.00783	0.00913	0.00268 J	< 0.005 U	---	0.00674	0.00436 J	0.0116
E300.0, mg/l												
Nitrogen, Nitrate (as N)	14797-55-8	10	1.85	1.32	4.36	0.805	2.95 J	0.416	---	0.978	2.85	2.97
Nitrogen, Nitrite (as N)	14797-65-0	1	< 0.1 U	< 0.1 U	< 0.1 U	< 0.5 U	< 5 U	< 0.1 U	---	< 0.1 U	< 0.1 U	< 0.1 U
E300.28DAY, mg/l												
Chloride	16887-00-6	250	2970	2330	2360	6930	6550	1370	1500	440	729	923
Fluoride	16984-48-8	1.6	0.467 J	0.978	0.928	< 2.5 U	< 25 U	0.864	---	1.23	1.06	1.12
Sulfate	14808-79-8	600	178	283	288	216	212	156	---	228	273	275
E420.4R1.0 (AQUEOUS), mg/l												
Total Phenols, Petroleum	64743-03-9		< 0.01 U	< 0.01 U	< 0.01 U	< 1 U	< 1 U	< 0.01 U	---	< 0.01 U	0.0397	0.0550
E900, pci/l												
Gross Alpha	12587-46-1		< 3 UG	< 3 UG	< 3 UG	< 3 UG	< 3 UG	< 3 UG	---	40.1 G	< 3 UG	< 3 UG
Gross Beta	12587-47-2		< 4 UG	20.8 G	29.5 G	< 4 UG	< 4 UG	14.9 G	---	24.6 G	< 4 UG	< 4 UG
E903.0, pci/l												
Radium-226	13982-63-3		0.914 UG	0.875 UG	0.569 UG	1.14	1.92	0.631	---	0.166 U	*0.505*	0.158 U
E904.0, pci/l												
Radium-228	15262-20-1		6.43 G	4.92 G	3.47 G	2.29 UG	6.48 G	1.46 UG	---	1.96 G	3.00 G	1.50
Calculated pci/l												
Radium-228 + Radium - 226		5	7.34	5.80	4.04	3.43	8.40	2.09	---	2.13	3.51	1.66
M1030E, meq/L												
Total Anions	TOTAL_ANIONS		92.8	78.9	78.7	204	194	45.9	---	24.8	31.0	36.3
Total Cations	TOTAL_CATIONS		75.5	89.0	83.8	183	198	49.9	---	22.4	26.9	24.2
M2320B, mg/l												
Alkalinity, Bicarbonate (as CaCO3)	Alkalin_BiCrb		147	165	156	89.3	113	95.2	---	156	148	151
Alkalinity, Carbonate (as CaCO3)	Alkalin_Crbnt		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	---	< 4 U	< 4 U	< 4 U
Alkalinity, Total (as CaCO3)	E1640192		147	165	156	89.3	113	95.2	---	156	148	151
Hydroxide Alkalinity	Alkalin_OH-		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	---	< 4 U	< 4 U	< 4 U
Phenolphthalein Alkalinity	Alkalin_Pheno		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	---	< 4 U	< 4 U	< 4 U
M2540C, mg/l												
Total Dissolved Solids	E1642222	1000	6740	5340	4910	14500	15000	3440	---	1470	1970	2840
SW6010, mg/l												
Calcium	7440-70-2		830	383	360	1640	2100	590	---	204	191	169
Iron	7439-89-6	1	0.528	6.10	2.99	1.42	1.40	0.768	---	9.48	0.437	0.0556 J
Magnesium	7439-95-4		123	37.2	36.1	227	312	65.8	---	22.5	25.0	22.2
Potassium	7440-09-7		7.98	11.2	9.49	17.2	15.9	6.90	---	9.35	5.13	4.31
Silicone Dioxide	14808-60-7		67.2	115	79.8	64.4	67.6	61.6	---	131	47.3	38.9
Sodium	7440-23-5		545	1530	1440	1890	1550	342	---	234	350	319
Sulfur	7704-34-9		52.2	103	102	71.3	82.5	64.0	---	64.5	75.3	67.2
SW6020, mg/l												
Aluminum	7429-90-5	5	1.12	10.8	5.99	2.42	3.35	1.27	---	18.4	2.00	0.331
Antimony	7440-36-0	0.006	< 0.002 U	< 0.002 U	< 0.002 U	< 0.02 U	< 0.01 U	< 0.002 U	---	< 0.002 U	< 0.002 U	< 0.002 U
Arsenic	7440-38-2	0.01	0.00194 J	0.00295 J	0.00286 J	< 0.04 U	< 0.02 U	0.00217 J	---	0.00562	0.00247 J	0.00252 J
Barium	7440-39-3	2	0.215	0.0907	0.113	0.237	0.292	0.109	---	0.0817	0.0664	0.0625
Beryllium	7440-41-7	0.004	< 0.002 U	0.000475 J	< 0.002 U	< 0.02 U	< 0.01 U	< 0.002 U	---	0.000782 J	< 0.002 U	< 0.002 U
Boron	7440-42-8	0.75	0.274	1.32	1.21	0.757	0.462	0.259	---	0.306	0.579	0.643
Cadmium	7440-43-9	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.02 U	< 0.01 U	< 0.002 U	---	< 0.002 U	< 0.002 U	< 0.002 U
Chromium	7440-47-3	0.05	0.00231 J	0.00940	0.00615	< 0.04 U	0.00431 J	0.00275 J	---	0.0173	0.00325 J	0.00243 J
Cobalt	7440-48-4	0.05	0.000492 J	0.00243	0.00132 J	< 0.02 U	< 0.01 U	< 0.002 U	---	0.00418	0.000490 J	< 0.002 U
Copper	7440-50-8	1	0.00103 J	0.00480	0.00288 J	< 0.04 U	< 0.02 U	< 0.004 U	---	0.00914	0.00135 J	< 0.004 U
Lead	7439-92-1	0.015	0.000474 J	0.00330	0.00186 J	< 0.02 U	< 0.01 U	0.000407 J	---	0.00559	0.000611 J	< 0.002 U
Manganese	7439-96-5	0.2	0.0234	0.145	0.0755	0.0409	0.0804	0.0255	---	0.0990	0.0262	0.0126
Molybdenum	7439-98-7	1	0.00115 J	0.00239	0.00391	< 0.02 U	< 0.01 U	0.00493	---	0.00355	0.00638	0.00663
Nickel	7440-02-0	0.2	0.00231	0.00613	0.00369	< 0.02 U	0.00514 J	0.00150 J	---	0.00998	0.00156 J	0.000794 J
Selenium	7782-49-2	0.05	0.0159	0.0175	0.0260	0.0205	0.0217	0.0231	---	0.0220	0.0279	0.0296
Silver	7440-22-4	0.05	< 0.002 U	< 0.002 U	< 0.002 U	< 0.02 U	< 0.01 U	< 0.002 U	---	< 0.002 U	< 0.002 U	< 0.002 U
Thallium	7440-28-0	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.02 U	< 0.01 U	< 0.002 U	---	< 0.002 U	< 0.002 U	< 0.002 U
Uranium-238	7440-61-1	0.03	0.00710	0.00365	0.00609	0.00722 J	0.00897	0.00409	---	0.00317	0.00841	0.00877
Zinc	7440-66-6	10	0.0306	0.0174	0.00851	< 0.04 U	0.0353	0.00657	---	0.0456	0.00518	0.00336 J
SW7470, mg/l												
Mercury	7439-97-6	0.002	0.0000740 J	< 0.0002 U	< 0.0002 U	0.000202	0.000954	< 0.0002 U	---	< 0.0002 U	< 0.0002 U	< 0.0002 U
SW8015 Mod, mg/l												
TPH - DRO (C10 - C28)	PHCDROC10C28		---	---	---	---	---	---	< 5 U	---	---	---
TPH - DRO (C28 - C36)	PHCDROC28C36		---	---	---	---	---	---	< 5 U	---	---	---
TPH - GRO (C6 - C10)	PHCGROC6C10		---	---	---	---	---	---	< 5 U	---	---	---
SW8082, mg/l												
Aroclor 1016	12674-11-2		< 0.000309 U	< 0.000308 U	< 0.000316 U	< 0.000315 U	< 0.00025 U	< 0.000251 U	---	< 0.000308 U	< 0.000306 U	< 0.0003 U
Aroclor 1221	11104-28-2		< 0.000619 U	< 0.000616 U	< 0.000631 U	< 0.00063 U	< 0.0005 U	< 0.000502 U	---	< 0.000616 U	< 0.000613 U	< 0.000601 U
Aroclor 1232	11141-16-5		< 0.000619 U	< 0.000616 U	< 0.000631 U	< 0.00063 U	< 0.0005 U	< 0.000502 U	---	< 0.000616 U	< 0.000613 U	< 0.000601 U
Aroclor 1242	53469-21-9		< 0.000309 U	< 0.000308 U	< 0.000316 U	< 0.000315 U	< 0.00025 U	< 0.000251 U	---	< 0.000308 U	< 0.000306 U	< 0.0003 U
Aroclor 1248	12672-29-6		< 0.000619 U	< 0.000616 U	< 0.000631 U	< 0.00063 U	< 0.0005 U	< 0.000502 U	---	< 0.000616 U	< 0.000613 U	< 0.000601 U
Aroclor 1254	11097-69-1		< 0.000619 U	< 0.000616 U	< 0.000631 U	< 0.00063 U	< 0.0005 U	< 0.000502 U	---	< 0.000616 U	< 0.000613 U	< 0.000601 U
Aroclor 1260	11096-82-5		< 0.000309 U	< 0.000308 U	< 0.000316 U	< 0.000315 U	< 0.00025 U	< 0.000251 U	---	< 0.000308 U	< 0.000306 U	< 0.0003 U
SW8260 SIM, ug/l												
1,2,3-Trichloropropane	96-18-4		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	---	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	---	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromoethane (EDB)	106-93-4	0.05	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	---	< 0.05 U	< 0.05 U	< 0.05 U
SW8260, mg/l												
1,1,1-Trichloroethane	71-55-6	0.2	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U	< 0.005 U	< 0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	0.01	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
1,1,2-Trichloroethane	79-00-5	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethane	75-34-3	0.025	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethene	75-35-4	0.007	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloroethane	107-06-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloropropane	78-87-5	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U	< 0.005 U	< 0.005 U
Benzene	71-43-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Carbon Tetrachloride	56-23-5	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U	< 0.002 U	< 0.002 U
Chloroform	67-66-3	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
Cis-1,2-Dichloroethene	156-59-2	0.07	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
Ethylbenzene	100-41-4	0.7	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
m,p-Xylenes	179601-23-1		< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.1	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U	< 0.005 U	< 0.005 U
Methylene chloride	75-09-2	0.005	< 0.005 U	< 0.005 U	< 0.005 U	0.00294 J	0.00244 J	< 0.005 U	---	< 0.005 U	< 0.005 U	< 0.005 U
O-Xylene	95-47-6		< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Tetrachloroethene	127-18-4	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
Toluene	108-88-3	1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Total Xylenes	1330-20-7	0.62	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trans-1,2-Dichloroethene	156-60-5	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	---	< 0.001 U	< 0.001 U	< 0.001 U
Trichloroethene	79-01-6	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	---	< 0.005 U	< 0.005 U	< 0.005 U
Vinyl Chloride	75-01-4	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	---	< 0.002 U	< 0.002 U	< 0.002 U
SW8270, ug/l												
1,2,4-Trichlorobenzene	120-82-1	70	< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
1,2-Dichlorobenzene	95-50-1	600	< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
1,4-Dichlorobenzene	106-46-7	75	< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
1-Methylnaphthalene	90-12-0	30	< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	0.365 J	0.360 J
2-Methylnaphthalene	91-57-6	30	< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	0.522 J	0.577
Acenaphthene	83-32-9		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Acenaphthylene	208-96-8		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Anthracene	120-12-7		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Atrazine	1912-24-9	3	< 0.501 U	< 0.5 U	< 0.501 U	< 0.5 U	< 0.507 U	< 0.5 U	---	< 0.501 U	< 0.499 U	< 0.504 U
Benzo(a)anthracene	56-55-3		< 0.286 U	< 0.286 U	< 0.287 U	< 0.286 U	< 0.29 U	< 0.286 U	---	< 0.286 U	< 0.285 U	< 0.288 U
Benzo(a)pyrene	50-32-8	0.2	< 0.286 U	< 0.286 U	< 0.287 U	< 0.286 U	< 0.29 U*3	< 0.286 U	---	< 0.286 U	< 0.285 U	< 0.288 U
Benzo(b)fluoranthene	205-99-2		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Benzo(g,h,i)perylene	191-24-2		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U*3	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Benzo(k)fluoranthene	207-08-9		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Chrysene	218-01-9		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Dibenzo(a,h)anthracene	53-70-3		< 0.114 U	< 0.114 U	< 0.115 U	< 0.114 U	< 0.116 U*3	< 0.114 U	---	< 0.114 U	< 0.114 U	< 0.115 U
Fluoranthene	206-44-0		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Fluorene	86-73-7		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Indeno(1,2,3-Cd)Pyrene	193-39-5		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U*3	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Naphthalene	91-20-3	30	< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Pentachlorophenol	87-86-5	1	< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Phenanthrene	85-01-8		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Pyrene	129-00-0		< 0.572 U	< 0.571 U	< 0.573 U	< 0.571 U	< 0.58 U	< 0.571 U	---	< 0.572 U	< 0.57 U	< 0.576 U
Styrene	100-42-5	100	< 2.29 U	< 2.29 U	< 2.29 U	< 2.29 U	< 2.32 U*-*1	< 2.29 U	---	< 2.29 U	< 2.28 U	< 2.31 U
SW9040C, deg c												
Temperature[1]	Field_Temp		20.4 HF	20.7 HF	20.7 HF	20.3 HF	20.0 HF	20.1 HF	---	19.7 HF	21.1 HF	21.1 HF
SW9040C, pH												
Corrosivity	E1647668		7.29 HF	7.39 HF	7.42 HF	7.05 HF	7.12 HF	7.45 HF	---	7.41 HF	7.50 HF	7.54 HF
pH[1]	E17028275	9	7.29 HF	7.39 HF	7.42 HF	7.05 HF	7.12 HF	7.45 HF	---	7.41 HF	7.50 HF	7.54 HF

Table 4
Summary of Ground Water Results - Human Health Standard Parameters
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

Analyte	CAS	WQCC Groundwater Standard (3103)	Location: TMW-42 Date Sampled: 8/11/2025	TMW-43 8/19/2025	TMW-44 8/19/2025	TMW-45 8/21/2025	TMW-45 8/21/2025	TMW-46 8/21/2025	TMW-46 8/21/2025	Windmill 8/20/2025
E_Kelada-01, mg/l										
Cyanide	57-12-5	0.2	0.00302 J	0.00269 J	0.00243 J	< 0.005 U	0.00374 J	0.00593	0.00248 J	< 0.005 U
E300.0, mg/l										
Nitrogen, Nitrate (as N)	14797-55-8	10	5.53	0.802	0.435	2.75	1.86	0.684	0.753	2.25
Nitrogen, Nitrite (as N)	14797-65-0	1	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 UF1	< 0.1 U
E300.28DAY, mg/l										
Chloride	16887-00-6	250	1320	606	191	1370	1500	455	470	612
Fluoride	16984-48-8	1.6	1.48	0.466 J	0.727	0.771	0.803	0.942	0.829 F1	0.266 J
Sulfate	14808-79-8	600	319	21.3	181	325	321	199	197	57.9
E420.4R1.0 (AQUEOUS), mg/l										
Total Phenols, Petroleum	64743-03-9		0.0513	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U
E900, pci/l										
Gross Alpha	12587-46-1		31.2 G	< 3 UG	17.2 G	57.1 G	< 3 UG	< 3 UG	22.9 G	< 3 UG
Gross Beta	12587-47-2		< 4 UG	< 4 UG	12.2 G	32.4 G	18.6 G	23.8 G	< 4 UG	8.26 G
E903.0, pci/l										
Radium-226	13982-63-3		1.26	1.02	0.781 U	2.75 G	1.30 G	1.27	0.423 U	0.263 U
E904.0, pci/l										
Radium-228	15262-20-1		1.34 G	2.00 G	1.08 UG	10.8 G	4.53 G	3.36 G	3.15 G	1.74
Calculated pci/l										
Radium-228 + Radium - 226		5	2.60	3.02	1.86	13.55	5.83	4.63	3.57	2.00
M1030E, meq/L										
Total Anions	TOTAL_ANIONS		50.0	22.4	15.1	54.9	56.9	21.4	21.3	24.3
Total Cations	TOTAL_CATIONS		35.4	17.8	12.6	58.4	57.9	18.3	20.0	22.6
M2320B, mg/l										
Alkalinity, Bicarbonate (as CaCO3)	Alkalin_BiCrb		200	129	124	185	205	85.3	90.7	180
Alkalinity, Carbonate (as CaCO3)	Alkalin_Crbnt		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Alkalinity, Total (as CaCO3)	E1640192		200	129	124	185	205	85.3	90.7	180
Hydroxide Alkalinity	Alkalin_OH-		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
Phenolphthalein Alkalinity	Alkalin_Pheno		< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U
M2540C, mg/l										
Total Dissolved Solids	E1642222	1000	3290	1620	803	3720	3810	1580	1740	1910
SW6010, mg/l										
Calcium	7440-70-2		178	224	147	374	302	215	228	329
Iron	7439-89-6	1	0.481	0.595	5.73	13.4	6.00	3.60	1.84	< 0.2 U
Magnesium	7439-95-4		26.8	24.4	16.4	40.1	36.2	26.2	27.7	31.7
Potassium	7440-09-7		4.87	5.98	4.93	13.9	10.9	5.12	5.09	9.85
Silicone Dioxide	14808-60-7		51.1	67.2	102	166	110	79.4	62.5	62.5
Sodium	7440-23-5		555	102	87.5	830	910	122	144	77.3
Sulfur	7704-34-9		86.1	6.56	54.1	118	109	57.3	68.0	18.3
SW6020, mg/l										
Aluminum	7429-90-5	5	1.68	0.780	9.19	21.3	8.83	9.09	2.75	< 0.02 U
Antimony	7440-36-0	0.006	< 0.002 U	< 0.002 U	< 0.002 U	0.000841 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Arsenic	7440-38-2	0.01	0.00294 J	0.00223 J	0.00427	0.00520	0.00370 J	0.00375 J	0.00265 J	0.00225 J
Barium	7440-39-3	2	0.0553	0.322	0.0680	0.478	0.203	0.0953	0.0744	0.269
Beryllium	7440-41-7	0.004	< 0.002 U	< 0.002 U	0.000385 J	0.00111 J	0.000541 J	0.000444 J	< 0.002 U	< 0.002 U
Boron	7440-42-8	0.75	0.758	0.137	0.150	0.925	1.04	0.199	0.217	0.147
Cadmium	7440-43-9	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chromium	7440-47-3	0.05	0.00216 J	0.00144 J	0.00893	0.0207	0.00937	0.00777	0.00356 J	< 0.004 U
Cobalt	7440-48-4	0.05	0.000486 J	0.000457 J	0.00208	0.00695	0.00303	0.00224	0.000674 J	< 0.002 U
Copper	7440-50-8	1	0.00113 J	< 0.004 U	0.00445	0.0127	0.00749	0.00478	0.00196 J	0.0152
Lead	7439-92-1	0.015	0.000444 J	0.000505 J	0.00249	0.00946	0.00430	0.00309	0.000867 J	< 0.002 U
Manganese	7439-96-5	0.2	0.0231	0.0243	0.0940	0.158	0.0813	0.0813	0.0213	< 0.002 U
Molybdenum	7439-98-7	1	0.00460	0.00124 J	0.00419	0.00295	0.00290	0.00412	0.00541	0.00434 J
Nickel	7440-02-0	0.2	0.00205	0.00178 J	0.00526	0.0197	0.00900	0.00571	0.00192 J	0.0114
Selenium	7782-49-2	0.05	0.0236	0.00465	0.0231	0.0270	0.0268	0.0217	0.0232	0.00209
Silver	7440-22-4	0.05	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Thallium	7440-28-0	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Uranium-238	7440-61-1	0.03	0.00461	0.00338	0.00281	0.00716	0.00651	0.00553	0.00595	0.00317
Zinc	7440-66-6	10	0.00441	0.00607	0.0126	0.0831	0.0499	0.0123	0.00520	0.00540
SW7470, mg/l										
Mercury	7439-97-6	0.002	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U	< 0.0002 U
SW8015 Mod, mg/l										
TPH - DRO (C10 - C28)	PHCDROC10C28		---	---	---	---	---	---	---	---
TPH - DRO (C28 - C36)	PHCDROC28C36		---	---	---	---	---	---	---	---
TPH - GRO (C6 - C10)	PHCGROC6C10		---	---	---	---	---	---	---	---
SW8082, mg/l										
Aroclor 1016	12674-11-2		< 1.48e-005 U	< 0.000309 U	< 0.00031 U	< 0.000309 U	< 0.000316 U	< 0.000315 U	< 0.000288 U	< 0.000306 U
Aroclor 1221	11104-28-2		< 2.96e-005 U	< 0.000619 U	< 0.00062 U	< 0.000619 U	< 0.000631 U	< 0.00063 U	< 0.000576 U	< 0.000613 U
Aroclor 1232	11141-16-5		< 2.96e-005 U	< 0.000619 U	< 0.00062 U	< 0.000619 U	< 0.000631 U	< 0.00063 U	< 0.000576 U	< 0.000613 U
Aroclor 1242	53469-21-9		< 1.48e-005 U	< 0.000309 U	< 0.00031 U	< 0.000309 U	< 0.000316 U	< 0.000315 U	< 0.000288 U	< 0.000306 U
Aroclor 1248	12672-29-6		< 2.96e-005 U	< 0.000619 U	< 0.00062 U	< 0.000619 U	< 0.000631 U	< 0.00063 U	< 0.000576 U	< 0.000613 U
Aroclor 1254	11097-69-1		< 2.96e-005 U	< 0.000619 U	< 0.00062 U	< 0.000619 U	< 0.000631 U	< 0.00063 U	< 0.000576 U	< 0.000613 U
Aroclor 1260	11096-82-5		< 1.48e-005 U	< 0.000309 U	< 0.00031 U	< 0.000309 U	< 0.000316 U	< 0.000315 U	< 0.000288 U	< 0.000306 U
SW8260 SIM, ug/l										
1,2,3-Trichloropropane	96-18-4		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8		< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
1,2-Dibromoethane (EDB)	106-93-4	0.05	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
SW8260, mg/l										
1,1,1-Trichloroethane	71-55-6	0.2	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
1,1,2,2-Tetrachloroethane	79-34-5	0.01	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1,2-Trichloroethane	79-00-5	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethane	75-34-3	0.025	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,1-Dichloroethene	75-35-4	0.007	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloroethane	107-06-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
1,2-Dichloropropane	78-87-5	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Benzene	71-43-2	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Carbon Tetrachloride	56-23-5	0.005	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Chloroform	67-66-3	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Cis-1,2-Dichloroethene	156-59-2	0.07	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Ethylbenzene	100-41-4	0.7	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
m,p-Xylenes	179601-23-1		< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Methyl Tert-Butyl Ether (MTBE)	1634-04-4	0.1	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Methylene chloride	75-09-2	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
O-Xylene	95-47-6		< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Tetrachloroethene	127-18-4	0.005	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Toluene	108-88-3	1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Total Xylenes	1330-20-7	0.62	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
Trans-1,2-Dichloroethene	156-60-5	0.1	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U	< 0.001 U
Trichloroethene	79-01-6	0.005	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U	< 0.005 U
Vinyl Chloride	75-01-4	0.002	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U
SW8270, ug/l										
1,2,4-Trichlorobenzene	120-82-1	70	< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
1,2-Dichlorobenzene	95-50-1	600	< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
1,4-Dichlorobenzene	106-46-7	75	< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
1-Methylnaphthalene	90-12-0	30	0.298 J	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
2-Methylnaphthalene	91-57-6	30	0.426 J	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Acenaphthene	83-32-9		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Acenaphthylene	208-96-8		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Anthracene	120-12-7		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Atrazine	1912-24-9	3	< 0.491 U	< 0.501 U	< 0.501 U	< 0.5 U	< 0.501 U	< 0.5 U	< 0.5 U	< 0.5 U
Benzo(a)anthracene	56-55-3		< 0.28 U	< 0.287 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U
Benzo(a)pyrene	50-32-8	0.2	< 0.28 U	< 0.287 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U	< 0.286 U
Benzo(b)fluoranthene	205-99-2		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Benzo(g,h,i)perylene	191-24-2		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Benzo(k)fluoranthene	207-08-9		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Chrysene	218-01-9		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Dibenzo(a,h)anthracene	53-70-3		< 0.112 U	< 0.115 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U	< 0.114 U
Fluoranthene	206-44-0		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Fluorene	86-73-7		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Indeno(1,2,3-Cd)Pyrene	193-39-5		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Naphthalene	91-20-3	30	< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Pentachlorophenol	87-86-5	1	< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Phenanthrene	85-01-8		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Pyrene	129-00-0		< 0.561 U	< 0.573 U	< 0.572 U	< 0.571 U	< 0.572 U	< 0.571 U	< 0.571 U	< 0.571 U
Styrene	100-42-5	100	< 2.24 U	< 2.29 U*+	< 2.29 U*+	< 2.29 U	< 2.29 U	< 2.29 U	< 2.29 U	< 2.29 U
SW9040C, deg c										
Temperature[1]	Field_Temp		21.0 HF	23.5 HF	23.3 HF	21.0 HF	20.7 HF	20.4 HF	20.8 HF	21.6 HF
SW9040C, pH										
Corrosivity	E1647668		7.47 HF	7.54 HF	7.75 HF	7.65 HF	7.63 HF	7.86 HF	8.22 HF	7.44 HF
pH[1]	E17028275	9	7.47 HF	7.54 HF	7.75 HF	7.65 HF	7.63 HF	7.86 HF	8.22 HF	7.44 HF

Table 4
Summary of Ground Water Results - Human Health Standard Parameters
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

Table 4 Footnotes

Blue denotes concentrations exceeding New Mexico Water Quality Control Commission standards
Soilid font denotes concentrations exceeding laboratory detection limits
Gray font denotes concentrations below laboratory detection limits
SDL = laboratory sample detection limit
J = Estimated value, constituent detected above laboratory SDL but below the method quantitation limit (MQL)
--- = Not analyzed
^2 = Calibration Blank is outside acceptance limits
*- = LCS and/or LCSD is outside acceptance limits, low biased
*1 = LCS/LCSD RPD exceeds control limits
*3 = ISTD response or retention time outside acceptable limits
G = The Sample MDC is greater than the requested RL
B = Compound was found in the blank and sample
MDC = Minimun Dectectable Concentration (Radiochemistry)
RL = Reporting Limit or Requested Limit (Radiochemistry)
U = Result is less than the sample detection limit
(-) = The uncertainty level pushing the MDC below zero
HF = Parameter with a holding time of 15 minutes
1. pH and Temperature were also recorded in the field and reported on the Field Parameters Table
2. The original TDS value reported for this sample was 17,900. Please refer to lab report J109606-1 for lab commentary on this result.

Table 5
Summary of Ground Water Results – Chloride and TDS
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

		Analyte:	Chloride	Total Dissolved Solids
		Method:	E300.0	M2540C
		Units:	mg/L	mg/L
WQCC 3103 Groundwater Standard			250	1000
Location	**Sample Name**	**Sample Date**		
TMW-01	TMW-01	9/23/2019	37.4	400
TMW-01	TMW-01	12/26/2019	21.1	390
TMW-01	TMW-01	9/30/2020	22.6	390
TMW-01	TMW-01	12/7/2020	13.1	383
TMW-01	TMW-01	3/11/2021	10.9	360
TMW-01	TMW-01	6/10/2021	14.5	360
TMW-01	TMW-01	10/11/2021	17.5	358
TMW-01	TMW-01	12/22/2021	10.3	391
TMW-01	TMW-01	3/1/2022	13.2	343
TMW-01	TMW-01	5/23/2022	26.0	369
TMW-01	TMW-01	8/16/2022	50.3	404
TMW-01	TMW-01	12/15/2022	21.4	216
TMW-01	TMW-01	3/14/2023	41.9	358
TMW-01	TMW-01	6/22/2023	275	845
TMW-01	TMW-01	9/6/2023	277	830
TMW-01	TMW-01	12/21/2023	156	662
TMW-01	TMW-01	3/14/2024	136	551
TMW-01	TMW-01	11/6/2024	128	632
TMW-01	TMW-01	2/4/2025	133	714
TMW-01	TMW-01	8/27/2025	110	593
TMW-02	TMW-02	9/23/2019	338	1,220
TMW-02	TMW-02	12/26/2019	307	1,170
TMW-02	TMW-02	9/30/2020	314	1,040
TMW-02	TMW-02	12/7/2020	298	1,050
TMW-02	TMW-02	3/11/2021	293	1,000
TMW-02	TMW-02	6/10/2021	267	1,050
TMW-02	TMW-02	10/11/2021	263	1,030
TMW-02	TMW-02	12/22/2021	284	1,270
TMW-02	TMW-02	3/1/2022	282	1,030
TMW-02	TMW-02	3/1/2022	297	1,010
TMW-02	TMW-02	5/23/2022	256	1,070
TMW-02	TMW-02	8/16/2022	239	940
TMW-02	TMW-02	12/15/2022	195	985
TMW-02	TMW-02	3/14/2023	211	1,060
TMW-02	TMW-02	6/22/2023	248	1,120
TMW-02	TMW-02	9/6/2023	270	1,050
TMW-02	TMW-02	12/21/2023	264	1,100
TMW-02	TMW-02	12/21/2023	265	1,010
TMW-02	TMW-02	3/14/2024	249	992
TMW-02	TMW-02	10/24/2024	276	1,020
TMW-02	TMW-02	2/5/2025	258	1,250
TMW-02	TMW-2	8/13/2025	279	996
TMW-03	TMW-03	9/30/2020	212	891
TMW-03	TMW-03	12/7/2020	214	948
TMW-03	TMW-03	3/11/2021	213	900
TMW-03	TMW-03	6/10/2021	180	934
TMW-03	TMW-03	10/11/2021	192	967
TMW-03	TMW-03	12/22/2021	211	949
TMW-03	TMW-03	3/1/2022	233	944
TMW-03	TMW-03	5/23/2022	202	955
TMW-03	TMW-03	8/16/2022	245	1,100
TMW-03	TMW-03	12/15/2022	175	808
TMW-03	TMW-03	3/14/2023	233	940
TMW-03	TMW-03	6/22/2023	229	1,020
TMW-03	TMW-03	9/6/2023	240	1,010
TMW-03	TMW-03	12/21/2023	242	1,020
TMW-03	TMW-03	3/14/2024	234	959
TMW-03	TMW-03	3/14/2024	328	986
TMW-03	TMW-03	11/6/2024	183	889
TMW-03	TMW-03	2/6/2025	254	1,170
TMW-03	TMW-03	2/6/2025	213	1,090
TMW-03	TMW-03	8/18/2025	264	953

Table 5
Summary of Ground Water Results – Chloride and TDS
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

		Analyte:	Chloride	Total Dissolved Solids
		Method:	E300.0	M2540C
		Units:	mg/L	mg/L
WQCC 3103 Groundwater Standard			250	1000
Location	**Sample Name**	**Sample Date**		
TMW-04	TMW-04	9/30/2020	1,020	2,040
TMW-04	TMW-04	12/7/2020	987	2,300
TMW-04	TMW-04	3/11/2021	834	1,960
TMW-04	TMW-04	6/11/2021	745	1,990
TMW-04	TMW-04	10/11/2021	689	1,990
TMW-04	TMW-04	12/22/2021	735	2,180
TMW-04	TMW-04	3/1/2022	1,610	2,080
TMW-04	TMW-04	3/29/2022	547	1,930
TMW-04	TMW-04	5/23/2022	522	1,930
TMW-04	TMW-04	8/16/2022	684	2,000
TMW-04	TMW-04	12/15/2022	486	1,940
TMW-04	TMW-05	12/15/2022	1,410	4,520
TMW-04	TMW-04	3/14/2023	703	1,850
TMW-04	TMW-04	6/22/2023	673	1,900
TMW-04	TMW-04	9/6/2023	625	1,810
TMW-04	TMW-05	9/6/2023	3,030	5,850
TMW-04	TMW-04	12/20/2023	598	1,750
TMW-04	TMW-05	12/20/2023	2,320	4,250
TMW-04	TMW-05	12/21/2023	265	1,010
TMW-04	TMW-04	3/14/2024	580	1,750
TMW-04	TMW-05	3/14/2024	2,980	5,360
TMW-04	TMW-04	10/24/2024	612	1,760
TMW-04	TMW-04	2/6/2025	569	2,100
TMW-04	TMW-4	8/14/2025	585	2,020
TMW-05	TMW-05	12/15/2022	1,170	4,950
TMW-05	TMW-05	3/14/2023	2,890	5,200
TMW-05	TMW-05	6/22/2023	2,790	5,380
TMW-05	TMW-05	9/6/2023	2,700	4,590
TMW-05	TMW-05	3/14/2024	328	986
TMW-05	TMW-05	3/15/2024	1,330	2,530
TMW-05	TMW-05	10/24/2024	3,990	10,200
TMW-05	TMW-05	2/6/2025	3,010	7,580
TMW-05	TMW-5	8/14/2025	2,890	7,610
TMW-06	TMW-06	12/15/2022	941	3,160
TMW-06	TMW-06	3/14/2023	2,270	3,200
TMW-06	TMW-06	6/22/2023	1,550	3,260
TMW-06	TMW-06	9/6/2023	1,630	2,820
TMW-06	TMW-06	12/20/2023	1,570	3,070
TMW-06	TMW-06	3/14/2024	1,500	3,280
TMW-06	TMW-06	10/24/2024	1,330	11,700
TMW-06	TMW-06	2/6/2025	1,520	4,220
TMW-06	TMW-06	8/25/2025	1,590	3,690
TMW-07	TMW-07	6/22/2023	1,770	3,980
TMW-07	TMW-07	9/6/2023	1,870	3,880
TMW-07	TMW-07	12/20/2023	1,770	3,720
TMW-07	TMW-07	3/14/2024	1,740	3,690
TMW-07	TMW-07	10/24/2024	1,100	3,020
TMW-07	TMW-07	2/6/2025	1,030	3,110
TMW-07	TMW-07	8/20/2025	880	2,500
TMW-08	TMW-08	6/22/2023	974	2,410
TMW-08	TMW-08	9/6/2023	1,130	2,470
TMW-08	TMW-08	12/20/2023	709	1,840
TMW-08	TMW-08	3/14/2024	655	1,830
TMW-08	TMW-08	10/24/2024	570	1,680
TMW-08	TMW-08	2/5/2025	457	1,890
TMW-08	TMW-08	8/20/2025	442	1,390

Terracon

Table 5
Summary of Ground Water Results – Chloride and TDS
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

		Analyte:	Chloride	Total Dissolved Solids
		Method:	E300.0	M2540C
		Units:	mg/L	mg/L
WQCC 3103 Groundwater Standard			250	1000
Location	**Sample Name**	**Sample Date**		
TMW-09	TMW-09	6/22/2023	18.0	373
TMW-09	TMW-09	9/6/2023	41.8	390
TMW-09	TMW-09	12/21/2023	37.3	404
TMW-09	TMW-09	3/12/2024	29.3	373
TMW-09	TMW-09	10/24/2024	65.5	493
TMW-09	TMW-09	2/4/2025	64.1	536
TMW-09	TMW-09	8/18/2025	343	1,320
TMW-10	TMW-10	6/22/2023	9.89	525
TMW-10	TMW-10	9/6/2023	67.0	514
TMW-10	TMW-10	12/21/2023	114	666
TMW-10	TMW-10	3/14/2024	17.0	405
TMW-10	TMW-10	10/24/2024	208	1,030
TMW-10	TMW-10	2/6/2025	108	688
TMW-10	TMW-10	8/18/2025	194	1,000
TMW-11	TMW-11	12/21/2023	350	1,190
TMW-11	TMW-11	3/14/2024	318	1,090
TMW-11	TMW-11	10/24/2024	423	1,310
TMW-11	TMW-11	2/5/2025	347	1,550
TMW-11	TMW-11	8/12/2025	380	1,550
TMW-12	TMW-12	12/21/2023	463	1,520
TMW-12	TMW-12	3/14/2024	448	1,390
TMW-12	TMW-12	10/24/2024	458	1,520
TMW-12	TMW-12	2/5/2025	443	1,800
TMW-12	TMW-12	8/13/2025	443	1,320
TMW-13	TMW-13	12/20/2023	1,730	3,680
TMW-13	TMW-13	3/14/2024	1,690	3,480
TMW-13	TMW-13	10/24/2024	1,580	3,650
TMW-13	TMW-13	2/6/2025	1,480	4,210
TMW-13	TMW-13	8/21/2025	1,620	3,480
TMW-14	TMW-14	12/20/2023	2,500	5,140
TMW-14	TMW-14	3/15/2024	1,810	2,820
TMW-14	TMW-14	3/15/2024	1,330	2,530
TMW-14	TMW-14	10/24/2024	7,790	14,500
TMW-14	TMW-14	2/6/2025	2,410	6,240
TMW-14	TMW-14	8/26/2025	1,770	4,680
TMW-15	TMW-15	12/20/2023	2,120	3,870
TMW-15	TMW-15	3/15/2024	2,160	3,400
TMW-15	TMW-15	10/24/2024	7,160	14,400
TMW-15	TMW-15	2/6/2025	1,060	3,010
TMW-15	TMW-15	8/21/2025	2,190	4,430
TMW-16	TMW-16	12/20/2023	85.5	495
TMW-16	TMW-16	3/15/2024	43.0	380
TMW-16	TMW-16	10/24/2024	171	919
TMW-16	TMW-16	2/4/2025	46.9	507
TMW-16	TMW-16	8/19/2025	811	2,260
TMW-17	TMW-17	12/20/2023	5,850	10,300
TMW-17	TMW-17	12/20/2023	5,830	10,300
TMW-17	TMW-17	3/15/2024	5,680	8,930
TMW-17	TMW-17	11/5/2024	14,900	24,900
TMW-17	TMW-17	2/5/2025	7,120	13,300
TMW-17	TMW-17	2/5/2025	7,120	13,300
TMW-17	TMW-17	8/27/2025	5,700	11,600
TMW-18	TMW-18	12/20/2023	2,050	6,430
TMW-18	TMW-18	3/15/2024	908	1,650
TMW-18	TMW-18	10/24/2024	7,820	15,200
TMW-18	TMW-18	2/6/2025	1,390	3,960
TMW-18	TMW-18	8/25/2025	1,330	3,310
TMW-19	TMW-19	12/20/2023	927	1,860
TMW-19	TMW-19	3/15/2024	553	1,070
TMW-19	TMW-19	11/5/2024	907	2,390
TMW-19	TMW-19	2/4/2025	792	2,330
TMW-19	TMW-19	8/20/2025	808	2,440

Table 5
Summary of Ground Water Results – Chloride and TDS
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

		Analyte:	Chloride	Total Dissolved Solids
		Method:	E300.0	M2540C
		Units:	mg/L	mg/L
WQCC 3103 Groundwater Standard			250	1000
Location	**Sample Name**	**Sample Date**		
TMW-20	TMW-20	12/20/2023	287	927
TMW-20	TMW-20	3/15/2024	385	937
TMW-20	TMW-20	10/24/2024	312	1,070
TMW-20	TMW-20	2/4/2025	295	1,140
TMW-20	TMW-20	8/20/2025	302	1,100
TMW-21	TMW-21	12/20/2023	262	885
TMW-21	TMW-21	3/15/2024	310	902
TMW-21	TMW-21	11/6/2024	284	1,040
TMW-21	TMW-21	2/4/2025	268	1,070
TMW-21	TMW-21	8/19/2025	269	1,060
TMW-22	TMW-22	12/20/2023	270	939
TMW-22	TMW-22	3/15/2024	342	918
TMW-22	TMW-22	10/24/2024	289	1,080
TMW-22	TMW-22	2/4/2025	272	1,090
TMW-22	TMW-22	8/20/2025	278	1,090
TMW-23	TMW-23	12/20/2023	895	1,980
TMW-23	TMW-23	3/15/2024	1,020	2,020
TMW-23	TMW-23	10/24/2024	1,010	3,270
TMW-23	TMW-23	2/4/2025	993	3,280
TMW-23	TMW-23	8/20/2025	951	2,130(a)
TMW-24	TMW-24	12/20/2023	271	1,050
TMW-24	TMW-24	3/15/2024	330	1,060
TMW-24	TMW-24	10/28/2024	330	1,060
TMW-24	TMW-24	11/5/2024	293	1,110
TMW-24	TMW-24	2/4/2025	272	1,290
TMW-24	TMW-24	8/19/2025	273	999
TMW-27	TMW-27	8/14/2025	3,880	7,780
TMW-28	TMW-28	8/13/2025	325	1,200
TMW-28	DUP-2	8/13/2025	325	1,010
TMW-30	TMW-30	8/25/2025	1,010	2,340
TMW-30	DUP-07-W	8/25/2025	1,110	---
TMW-31	TMW-31	8/21/2025	2,950	6,460
TMW-31	DUP-04	8/21/2025	2,970	6,740
TMW-33	TMW-33	8/21/2025	2,330	5,340
TMW-33	DUP-03	8/21/2025	2,360	4,910
TMW-34	TMW-34	8/26/2025	6,930	14,500
TMW-36	TMW-36	8/27/2025	6,550	15,000
TMW-37	TMW-37	8/25/2025	1,370	3,440
TMW-37	DUP-08-W	8/25/2025	1,500	---
TMW-40	TMW-40	8/20/2025	440	1,470
TMW-41	TMW-41	8/11/2025	729	1,970
TMW-41	DUP-1	8/11/2025	923	2,840
TMW-42	TMW-42	8/11/2025	1,320	3,290
TMW-43	TMW-43	8/19/2025	606	1,620
TMW-44	TMW-44	8/19/2025	191	803
TMW-45	TMW-45	8/21/2025	1,370	3,720
TMW-45	DUP-02	8/21/2025	1,500	3,810
TMW-46	TMW-46	8/21/2025	455	1,580
TMW-46	DUP-01	8/21/2025	470	1,740

Table 5
Summary of Ground Water Results – Chloride and TDS
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

		Analyte:	Chloride	Total Dissolved Solids
		Method:	E300.0	M2540C
		Units:	mg/L	mg/L
WQCC 3103 Groundwater Standard			250	1000
Location	**Sample Name**	**Sample Date**		
WINDMILL	Windmill	8/1/2019	232	732
WINDMILL	Windmill	12/26/2019	259	688
WINDMILL	Windmill	9/30/2020	274	730
WINDMILL	Windmill	9/30/2020	276	794
WINDMILL	Windmill	12/7/2020	287	930
WINDMILL	Windmill	12/7/2020	278	908
WINDMILL	Windmill	3/11/2021	252	745
WINDMILL	Windmill	3/11/2021	259	798
WINDMILL	Windmill	6/10/2021	255	781
WINDMILL	Windmill	6/10/2021	256	781
WINDMILL	Windmill	10/11/2021	251	800
WINDMILL	Windmill	10/11/2021	250	830
WINDMILL	Windmill	12/22/2021	246	751
WINDMILL	Windmill	12/22/2021	243	796
WINDMILL	Windmill	3/3/2022	256	828
WINDMILL	Windmill	3/3/2022	491	787
WINDMILL	Windmill	5/23/2022	222	738
WINDMILL	Windmill	5/23/2022	215	729
WINDMILL	Windmill	8/16/2022	256	1,190
WINDMILL	Windmill	8/16/2022	283	1,120
WINDMILL	Windmill	12/15/2022	198	508
WINDMILL	Windmill	3/14/2023	401	1,130
WINDMILL	Windmill	3/14/2023	413	1,130
WINDMILL	Windmill	6/22/2023	276	852
WINDMILL	Windmill	6/22/2023	273	855
WINDMILL	Windmill	9/7/2023	350	981
WINDMILL	Windmill	12/20/2023	409	1,010
WINDMILL	Windmill	3/14/2024	471	1,080
WINDMILL	Windmill	4/3/2024	440	1,000
WINDMILL	Windmill	10/28/2024	540	2,030
WINDMILL	Windmill	2/5/2025	486	1,900
WINDMILL	Windmill	2/5/2025	523	1,900
WINDMILL	Windmill Well	8/20/2025	612	1,910

Notes:
Blue denotes concentrations exceeding water quality standards as described in 20.6.2.3103 NMAC
a. The original TDS value reported for this sample was 17,900. Please refer to lab report J109606-1 for lab commentary on this result.

Table 6
Field Parameters
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

	Analyte:	Conductivity	Dissolved Oxygen	Oxidation-Reduction Potential	pH	Temperature	Turbidity
	Unit:	µS/cm	mg/l	mV	pH	C	NTU
TMW-01	8/27/2025	629	6.19	299	6.89	21.43	188
TMW-02	8/13/2025	1,540	4.61	231	6.94	22.51	62.6
TMW-03	8/18/2025	1,500	4.72	173	7.38	26.94	1000*
TMW-04	8/14/2025	2,700	3.22	211	7.02	24.04	36.9
TMW-05	8/14/2025	8,320	3.02	223	6.43	21.52	4.90
TMW-06	8/25/2025	4,460	6.33	202	6.81	23.64	70.1
TMW-07	8/20/2025	3,470	1.10	123	7.39	27.11	33.7
TMW-08	8/20/2025	2,110	3.71	237	7.01	31.35	456
TMW-09	8/18/2025	1,180	7.12	174	7.21	26.71	399
TMW-10	8/18/2025	912	6.32	152	7.34	25.59	956
TMW-11	8/12/2025	1,800	5.37	238	6.64	22.55	108
TMW-12	8/13/2025	1,970	3.32	209	6.88	23.19	72.2
TMW-13	8/21/2025	5,030	2.56	189	6.88	25.09	739
TMW-14	8/26/2025	5,120	5.29	208	6.92	22.88	356
TMW-15	8/21/2025	5,690	4.33	161	7.13	25.40	266
TMW-16	8/19/2025	2,620	3.82	159	7.14	26.81	289
TMW-17	8/27/2025	11,600	1.77	573	6.62	22.54	264
TMW-18	8/25/2025	3,380	5.56	181	6.94	25.28	81.2
TMW-19	8/20/2025	2,290	4.64	258	7.04	22.65	86.2
TMW-20	8/20/2025	1,440	4.20	225	7.02	25.81	436
TMW-21	8/19/2025	1,270	5.00	234	7.15	24.10	106
TMW-22	8/20/2025	1,320	4.90	227	7.14	26.60	277
TMW-23	8/20/2025	3,350	3.39	144	6.99	24.95	126
TMW-24	8/19/2025	1,620	3.61	159	7.40	25.56	24.9
TMW-27	8/14/2025	8,700	6.46	221	6.72	21.79	724
TMW-28	8/13/2025	1,610	5.92	208	7.14	21.74	158
TMW-30	8/25/2025	2,860	8.96	218	7.19	21.88	1000*
TMW-31	8/21/2025	241	5.43	179	7.17	27.08	436
TMW-33	8/21/2025	7,170	9.72	230	6.90	25.30	777
TMW-34	8/26/2025	13,700	7.32	189	6.78	25.02	538
TMW-36	8/27/2025	14,300	6.71	202	6.62	21.64	220
TMW-37	8/25/2025	3,550	7.98	213	7.02	24.99	177
TMW-40	8/20/2025	1,910	4.56	172	7.05	27.80	1000*
TMW-41	8/11/2025	2,990	4.45	160	7.38	63.04	178
TMW-42	8/11/2025	3,480	4.26	154	7.40	26.43	179
TMW-43	8/19/2025	1,740	5.21	214	6.91	22.43	105
TMW-44	8/19/2025	1,620	3.61	159	7.40	23.81	24.9
TMW-45	8/21/2025	4,290	6.10	146	7.28	25.25	1000*
TMW-46	8/21/2025	1,920	8.10	253	7.07	24.09	1000*
Windmill	8/20/2025	2,050	7.92	173	7.18	25.46	9.20

* = Maximum reading possible on the instrument
Instruments used - Horriba U-52
µS/cm = microsiemens per centimeter
mg/l = miligrams per liter
mV = millivolt
pH = potential of hydrogen
C = celsius
NTU = nephelometric turbidity unit

FIGURES

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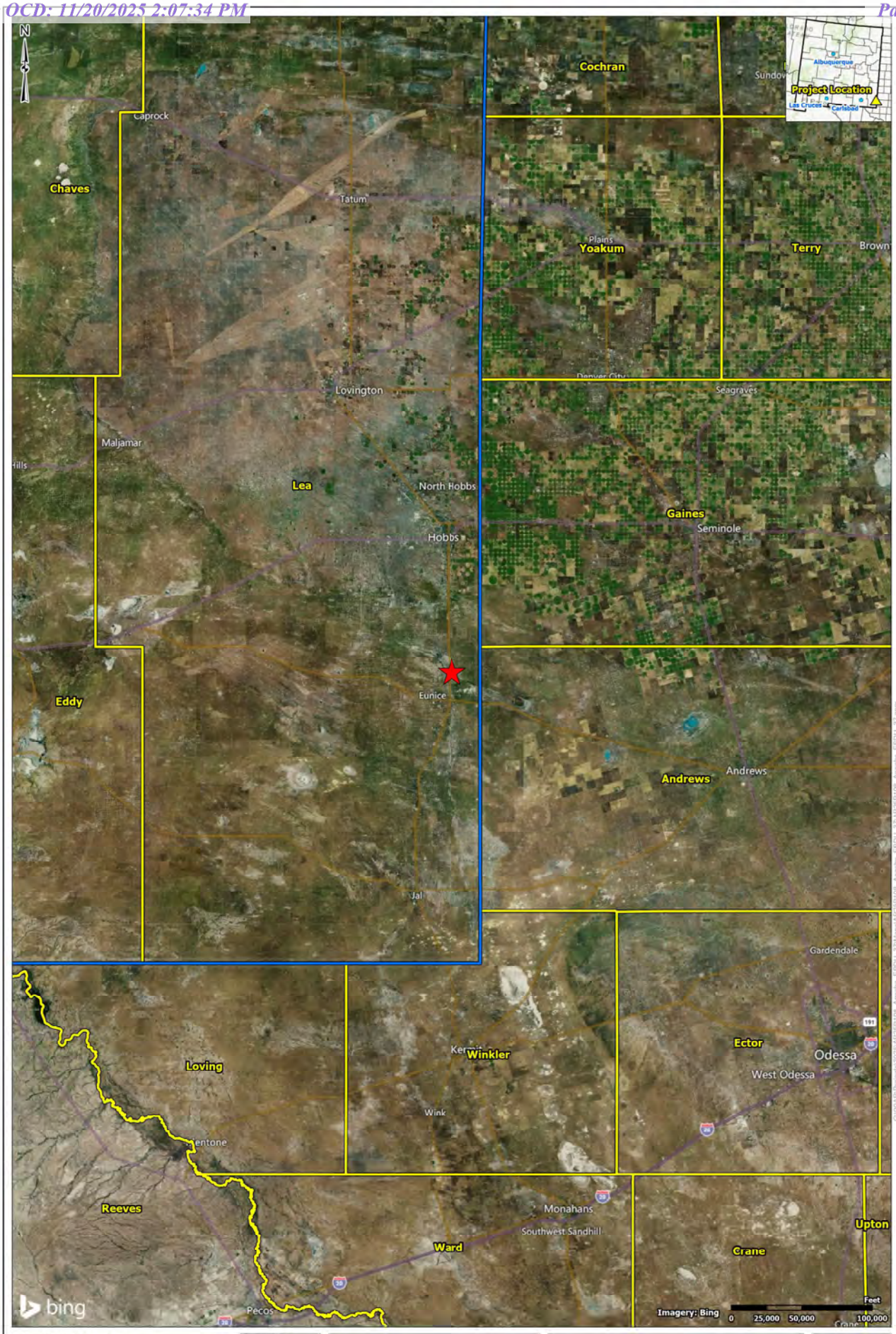
Figure 9 – Groundwater Chloride Concentration Map August 2025
Figure 10 – TDS Concentration Map August 2025
Figure 11 – Piper Plots
Figure 12 – Historical Aerial Imagery



★ Project Location
State Line
County Line

Project No.:	AR25P108
Date:	Oct 09 2025
Drawn By:	JWL
Reviewed By:	JCG

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Site Location Map

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

1

Project No.:	AR25P108
Date:	Oct 23 2025
Drawn By:	JWL
Reviewed By:	JCG

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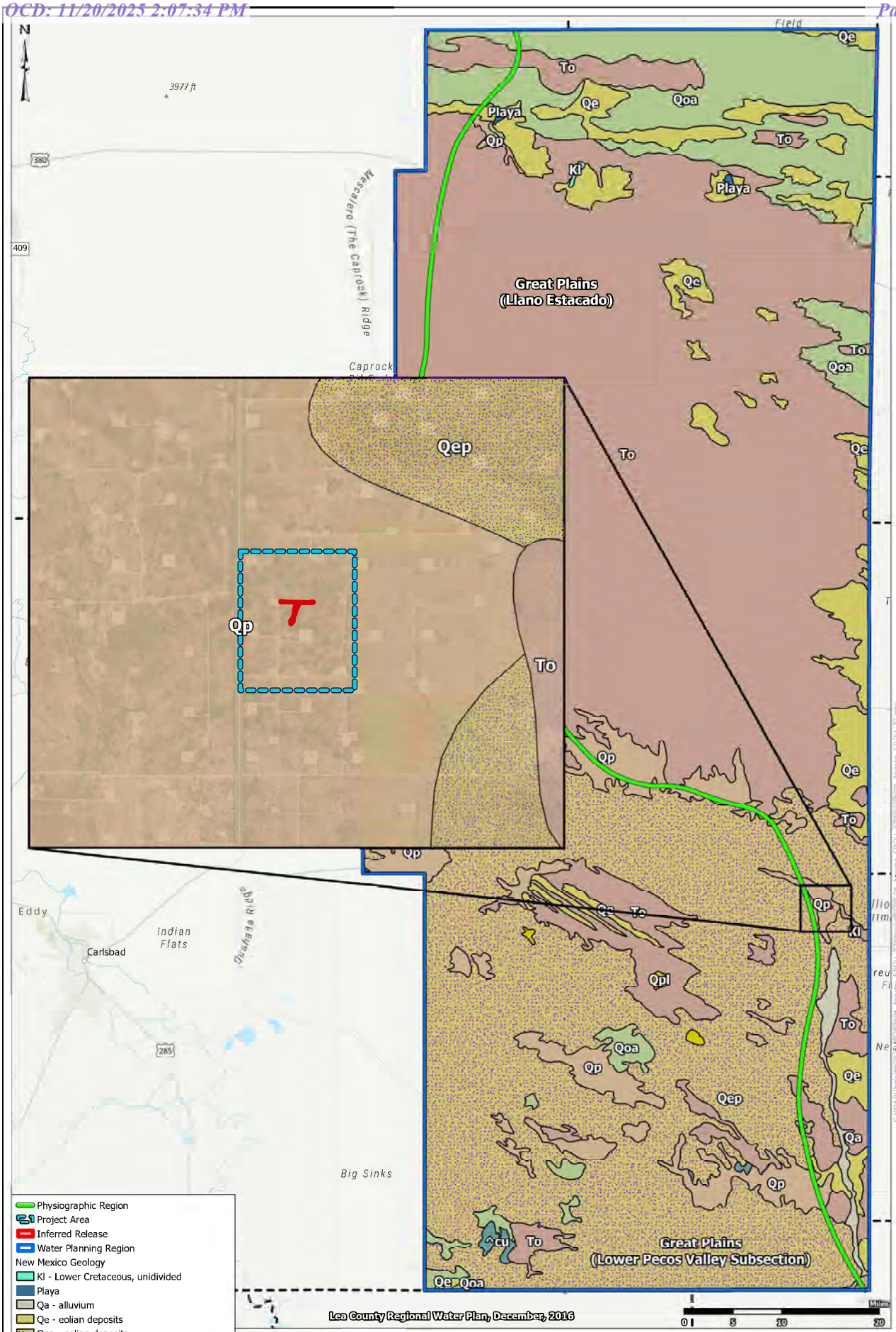
Monitoring Well Location Map

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

2



Project No.:	AR25P108
Date:	Oct 21 2025
Drawn By:	JWL
Reviewed By:	JCG

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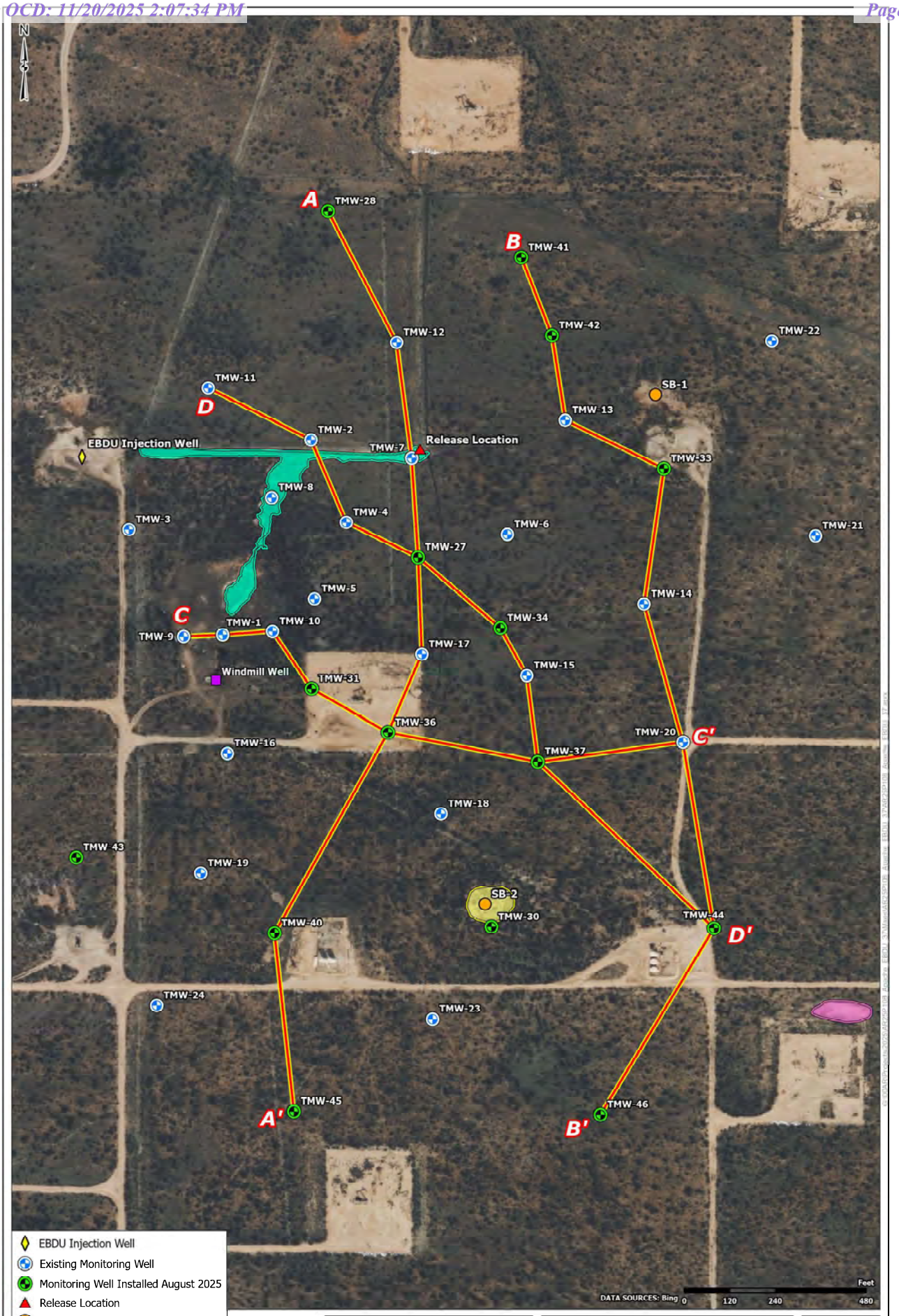
Hydrogeologic Setting

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

3



Project No.: AR25P108 Date: Oct 09 2025 Drawn By: JWL Reviewed By: JRG	Terracon 5847 50th St Lubbock, TX PH. 806-300-0140 terracon.com	**Cross Section Lines** EBDU 37 32.4807053, -103.123085 Lea County, New Mexico	**Figure** 4

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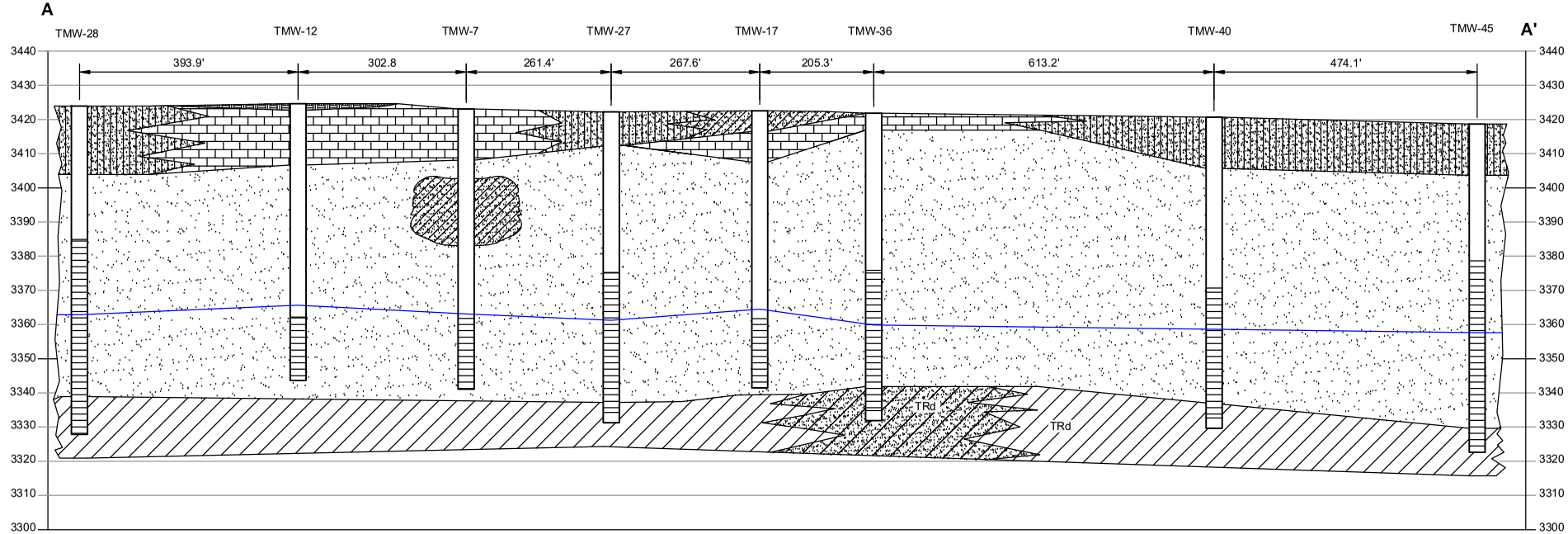
NORTH A — SOUTH A'



LEGEND

- TOPSOIL
- CALICHE
- SILTY SAND
- SILTY CLAY
- UNDIFFERENTIATED SAND AND SILTY SAND WITH VARYING AMOUNTS OF GRAVEL AND CLAY
- SANDY CLAY
- GROUNDWATER ELEVATION 8/28/2025
- TRd — TRIASSIC RED BEDS

DIAGRAM IS INTENDED FOR GENERAL USE ONLY, AND IS NOT FOR CONSTRUCTION PURPOSES. LOCATIONS ARE APPROXIMATE.

Project Mngr:	KMM
Approved By:	KMM
Checked By:	MFS
Drawn By:	DBM
Project No.	KH247030
Scale:	NTS
Date:	09/19/2025
File No.	KH247030.DWG

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Consulting Engineers and Scientists
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CROSS SECTION A-A'

EAST BLINEBRY DRINKARD UNIT (EBDU) #37

LEA COUNTY, NEW MEXICO

FIGURE 4A

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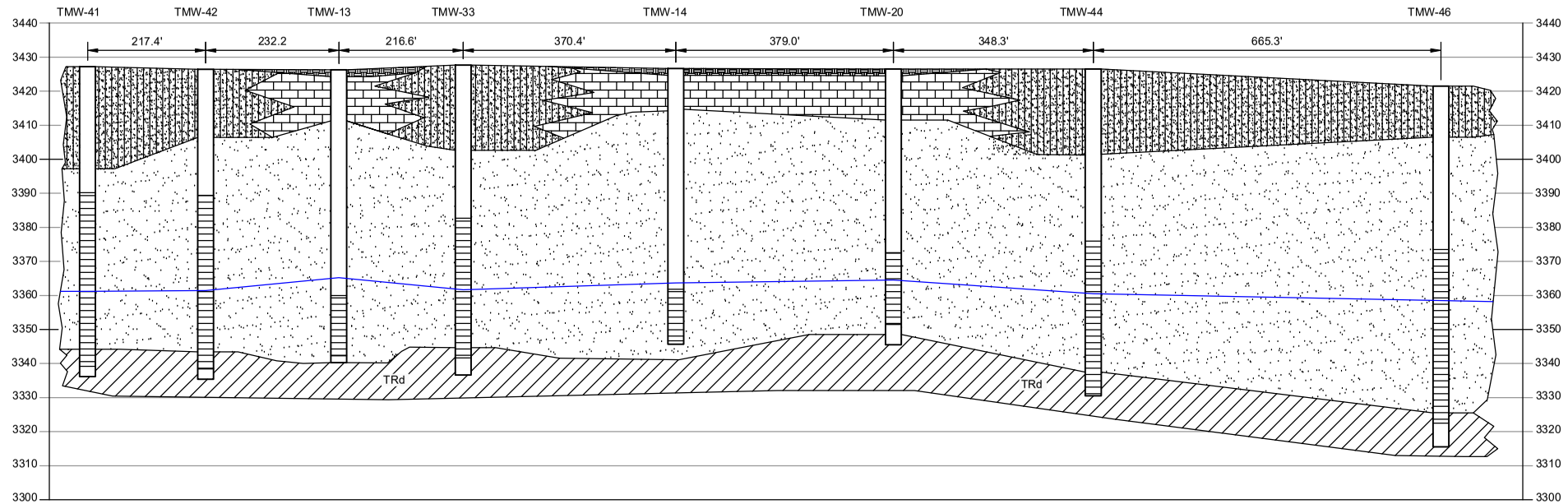
NORTH B

SOUTH B'



LEGEND

- TOPSOIL
- CALICHE
- SILTY SAND
- SILTY CLAY
- UNDIFFERENTIATED SAND AND SILTY SAND WITH VARYING AMOUNTS OF GRAVEL AND CLAY
- GROUNDWATER ELEVATION 8/28/2025
- TRd — TRIASSIC RED BEDS

DIAGRAM IS INTENDED FOR GENERAL USE ONLY, AND IS NOT FOR CONSTRUCTION PURPOSES. LOCATIONS ARE APPROXIMATE.

Project Mngr: KMM	Project No.: KH247030	Terracon Consulting Engineers and Scientists	**CROSS SECTION B-B'**
Approved By: KMM	Scale: NTS	11800 LILBURN PARK ROAD ST. LOUIS, MO 63146	EAST BLINEBRY DRINKARD UNIT (EBDU) #37
Checked By: MFS	Date: 09/19/2025	PH. (314) 692-8811	LEA COUNTY, NEW MEXICO
Drawn By: DBM	File No.: KH247030.DWG		FIGURE 4B

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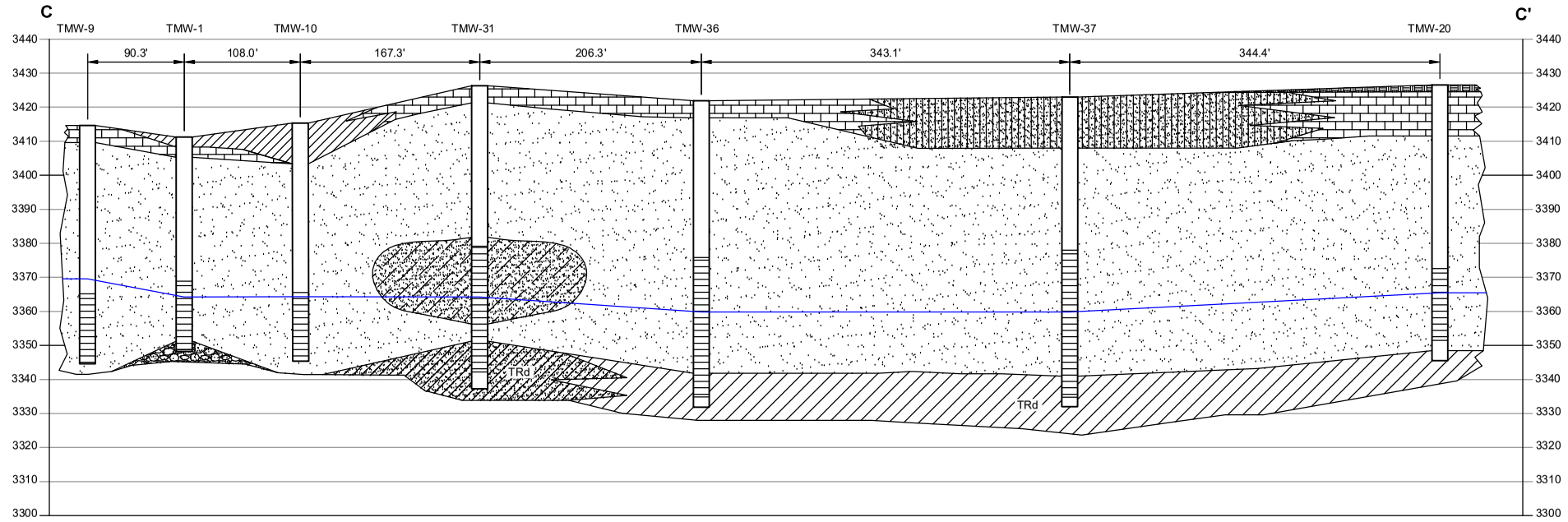
WEST **EAST**



LEGEND

- TOPSOIL
- CALICHE
- SILTY SAND
- SILTY CLAY
- UNDIFFERENTIATED SAND AND SILTY SAND WITH VARYING AMOUNTS OF GRAVEL AND CLAY
- SANDY CLAY
- GRAVELY SAND
- CLAYEY SAND
- GROUNDWATER ELEVATION 8/28/2025

TRd TRIASSIC RED BEDS

DIAGRAM IS INTENDED FOR GENERAL USE ONLY, AND IS NOT FOR CONSTRUCTION PURPOSES. LOCATIONS ARE APPROXIMATE.

Project Mngr:	KMM
Approved By:	KMM
Checked By:	MFS
Drawn By:	DBM
Project No.	KH247030
Scale:	NTS
Date:	09/19/2025
File No.	KH247030.DWG

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CROSS SECTION C-C'

EAST BLINEBRY DRINKARD UNIT (EBDU) #37

LEA COUNTY, NEW MEXICO

FIGURE 40

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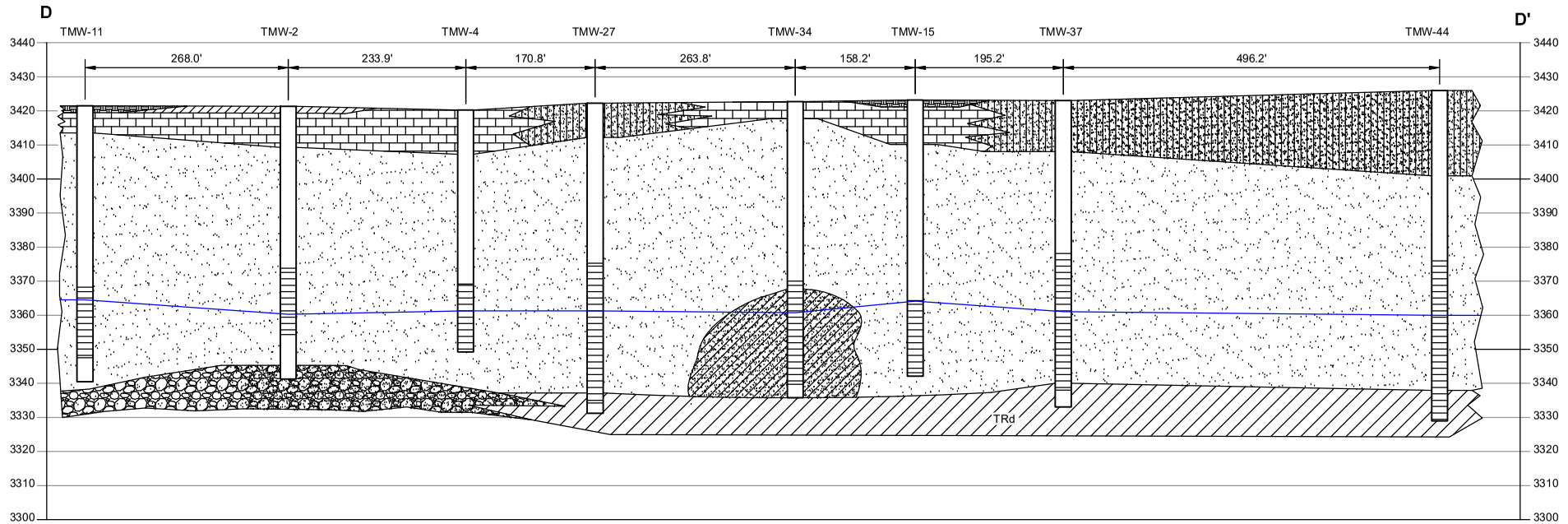
NORTHWEST **SOUTHEAST**



LEGEND

- TOPSOIL
- CALICHE
- SILTY SAND
- SILTY CLAY
- UNDIFFERENTIATED SAND AND SILTY SAND WITH VARYING AMOUNTS OF GRAVEL AND CLAY
- SANDY CLAY
- GRAVELY SAND
- GROUNDWATER ELEVATION 8/28/2025
- TRd — TRIASSIC RED BEDS

DIAGRAM IS INTENDED FOR GENERAL USE ONLY, AND IS NOT FOR CONSTRUCTION PURPOSES. LOCATIONS ARE APPROXIMATE.

Project Mngr:	KMM
Approved By:	KMM
Checked By:	MFS
Drawn By:	DBM
Project No.	KH247030
Scale:	NTS
Date:	09/19/2025
File No.	KH247030.DWG

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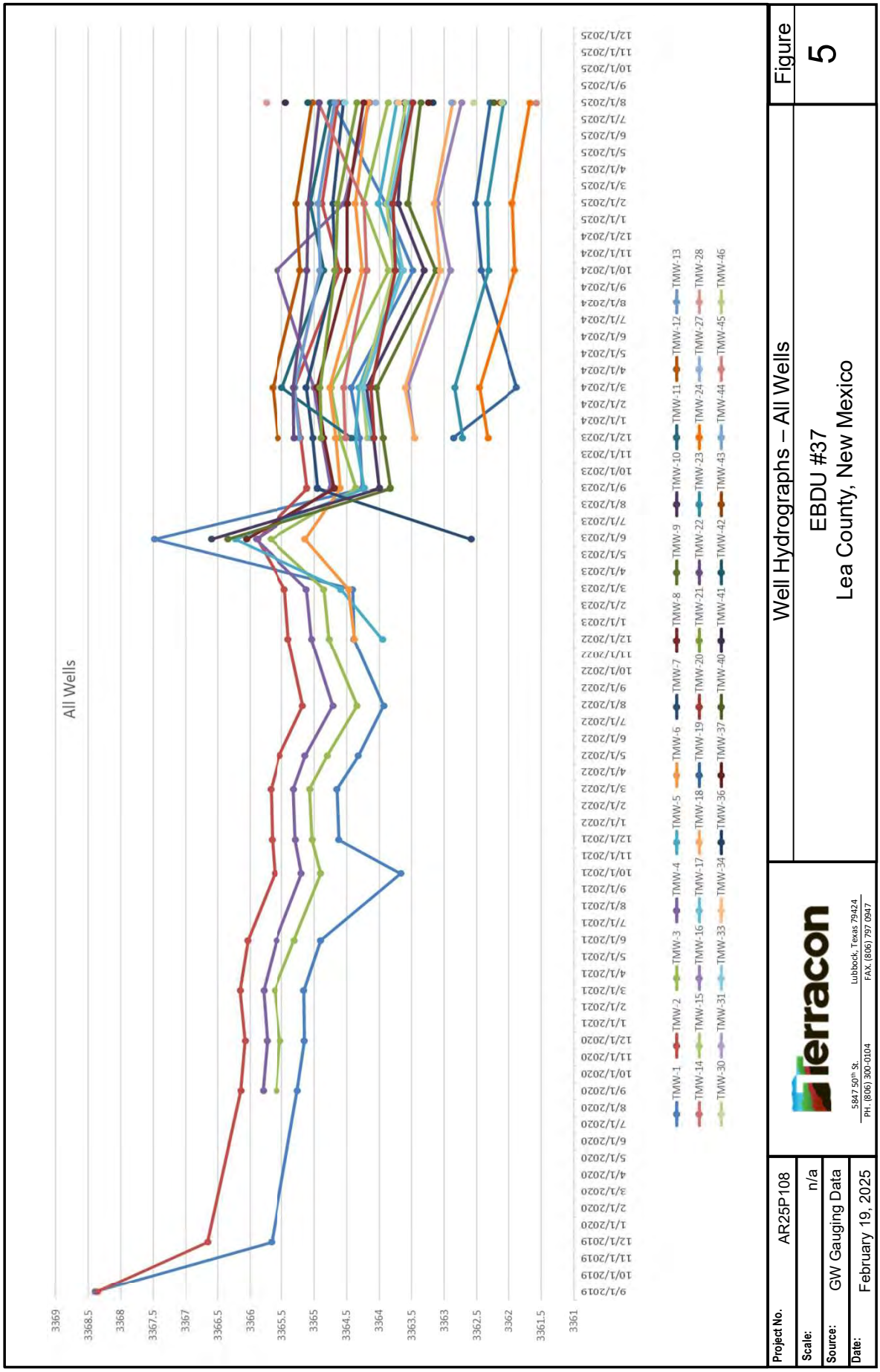
CROSS SECTION D-D'

EAST BLINEBRY DRINKARD UNIT (EBDU) #37

LEA COUNTY, NEW MEXICO

FIGURE 4D



Project No.	AR25P108
Scale:	n/a
Source:	GW Gauging Data
Date:	February 19, 2025

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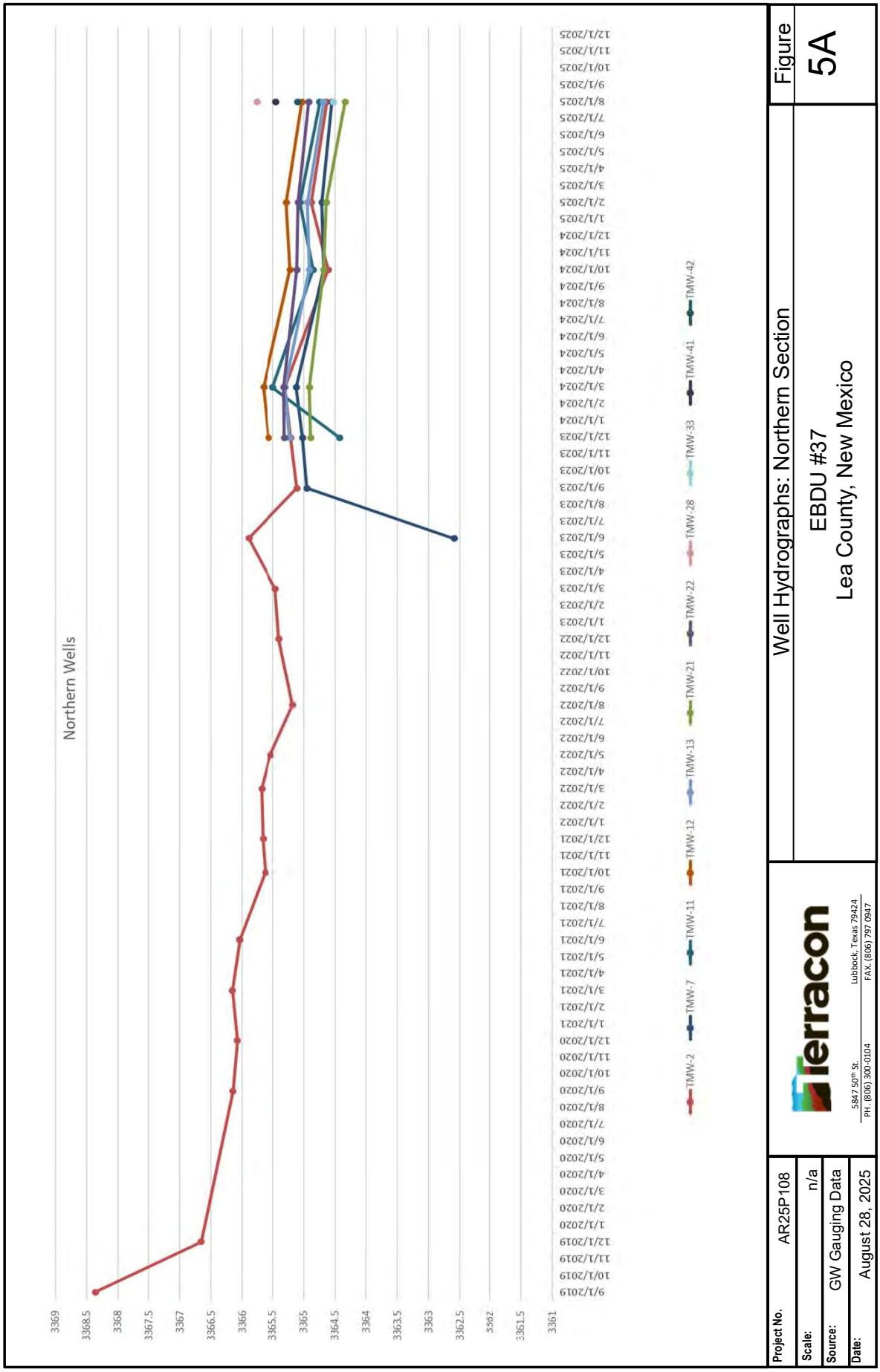
Well Hydrographs – All Wells

EBDU #37
Lea County, New Mexico

Figure 5



Well Hydrographs: Northern Section

EBDU #37

Lea County, New Mexico

Figure 5A

Project No.	AR25P108
Scale:	n/a
Source:	GW Gauging Data
Date:	August 28, 2025

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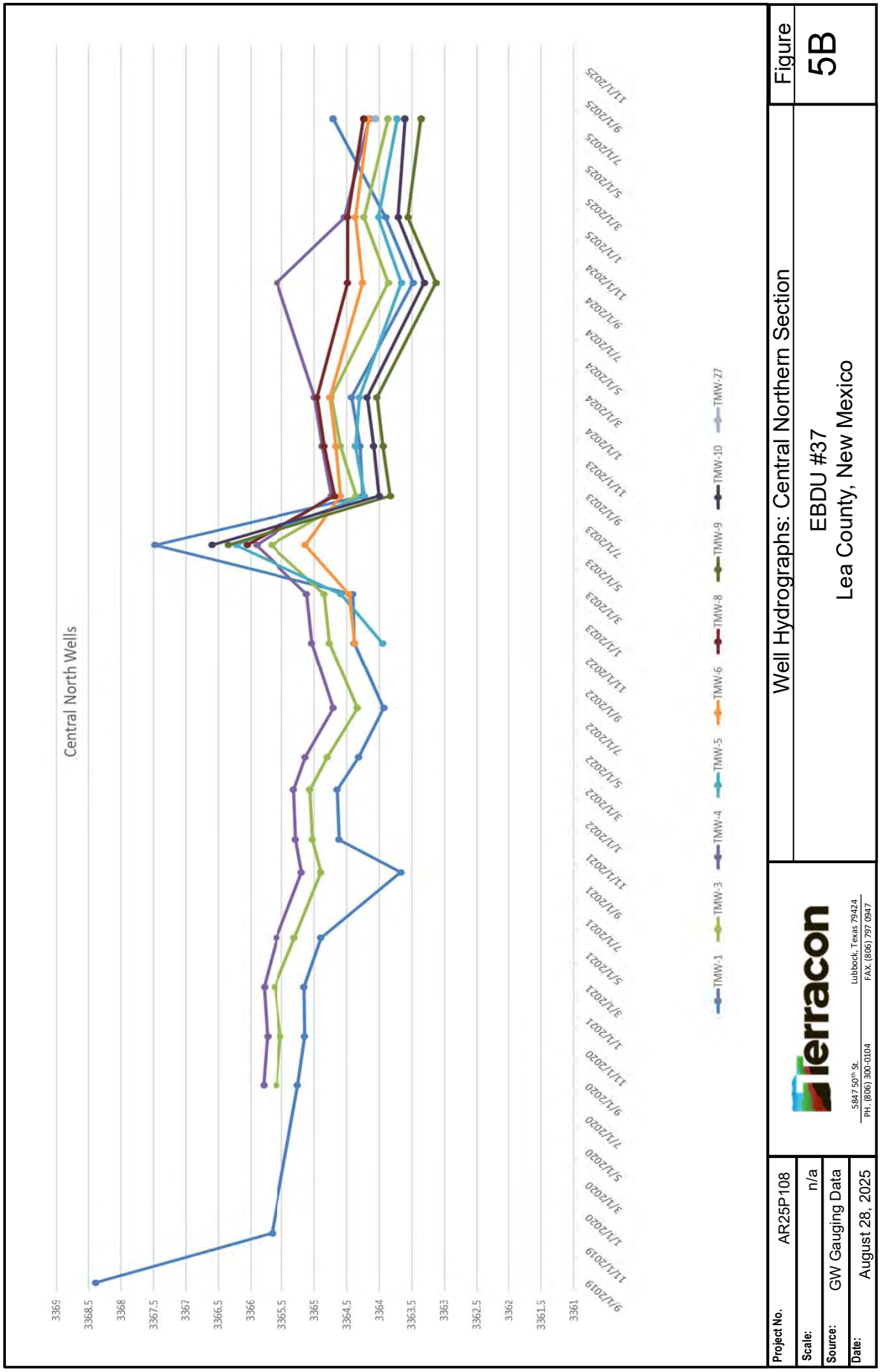

Project No.	AR25P108
Scale:	n/a
Source:	GW Gauging Data
Date:	August 28, 2025

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Well Hydrographs: Central Northern Section

EBDU #37

Lea County, New Mexico

Figure 5B

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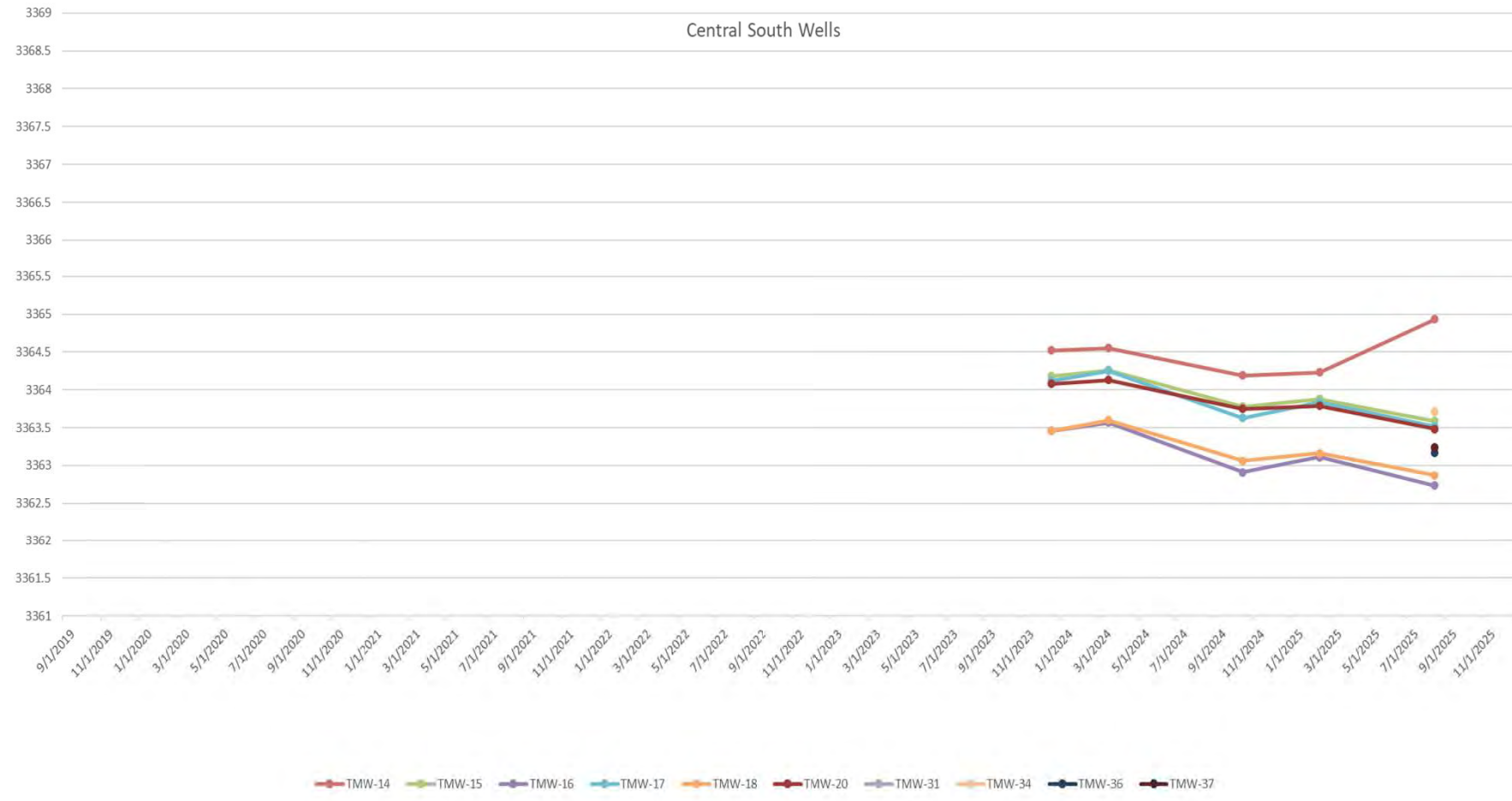

Project No.	AR25P108
Scale:	n/a
Source:	GW Gauging Data
Date:	August 28, 2025

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Well Hydrographs: Central Southern Section

EBDU #37
Lea County, New Mexico

Figure
5C

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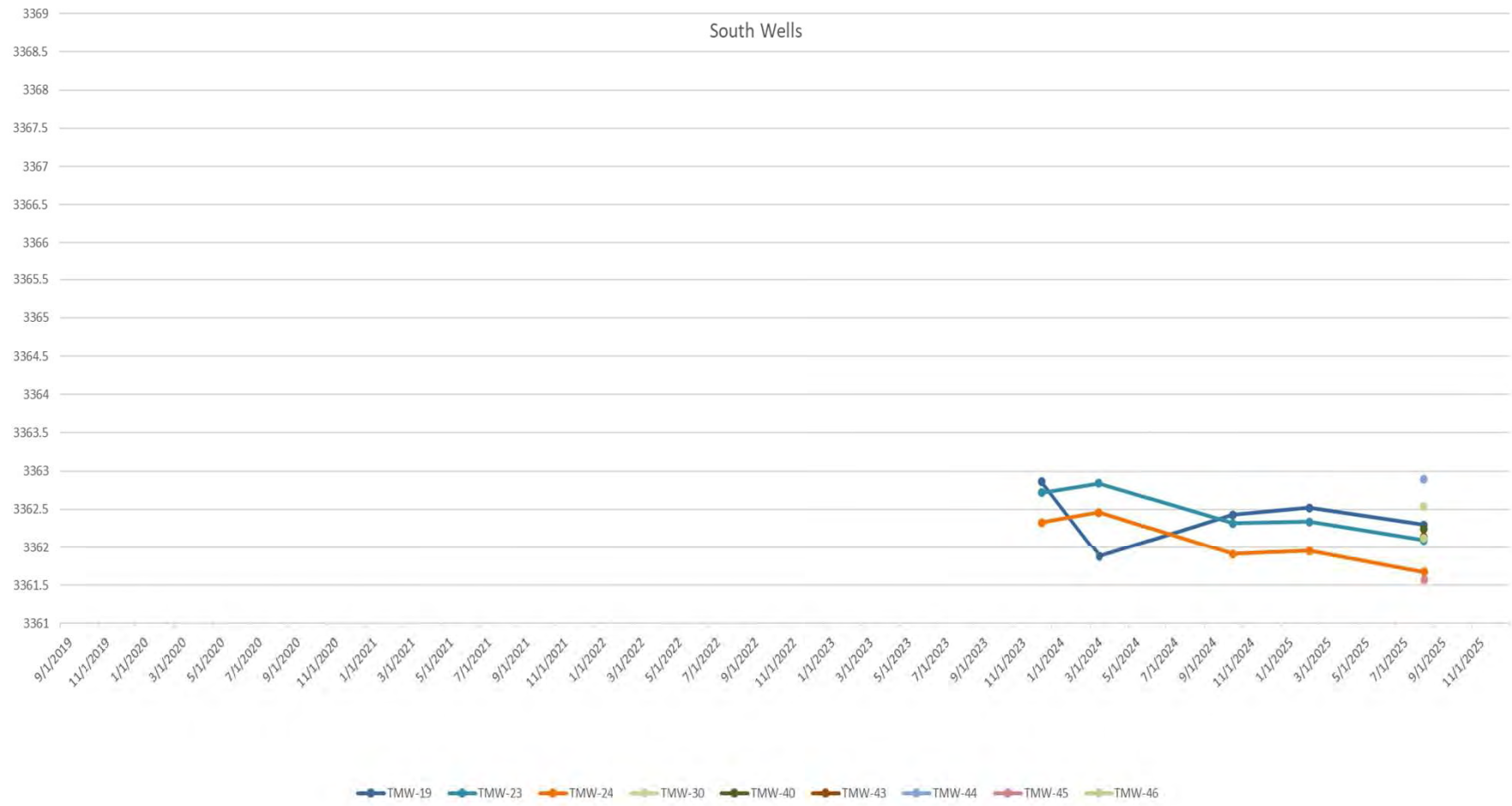
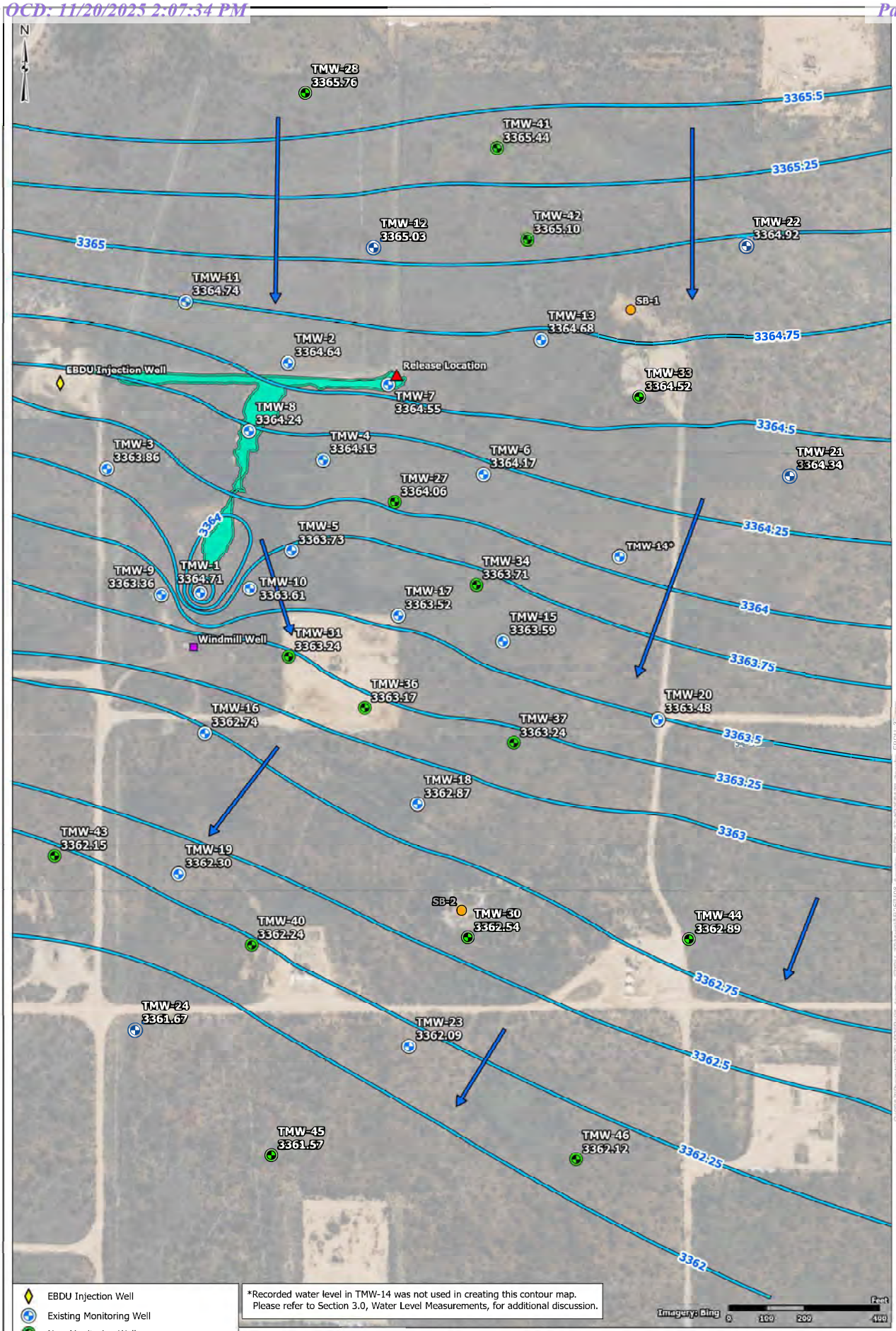


Project No. AR25P108 Scale: n/a Source: GW Gauging Data Date: August 28, 2025	Terracon 5847 50th St. Lubbock, Texas 79424 PH. (806) 300-0104 FAX. (806) 797 0947	Well Hydrographs: Southern Section EBDU #37 Lea County, New Mexico	Figure 5D



EBDU Injection Well
Existing Monitoring Well
New Monitoring Well
Release Location
Soil Borings
Windmill Well
Groundwater Elevation (0.25')
Approximate Direction of Groundwater Flow
Inferred Release

*Recorded water level in TMW-14 was not used in creating this contour map. Please refer to Section 3.0, Water Level Measurements, for additional discussion.

Project No.:	AR25P108
Date:	Nov 05 2025
Drawn By:	JWL
Reviewed By:	JCG

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Groundwater Gradient 8/28/25

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

6

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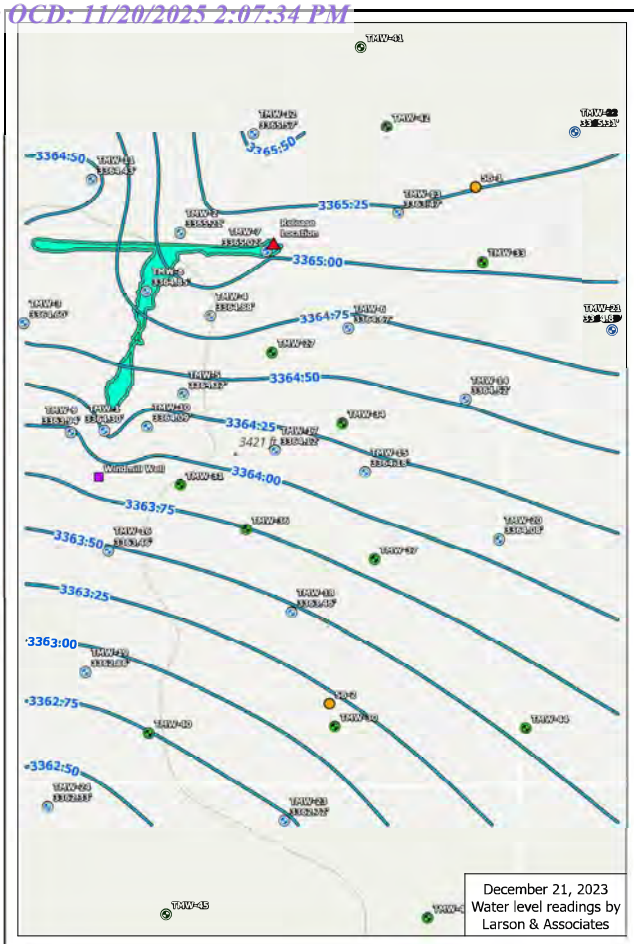

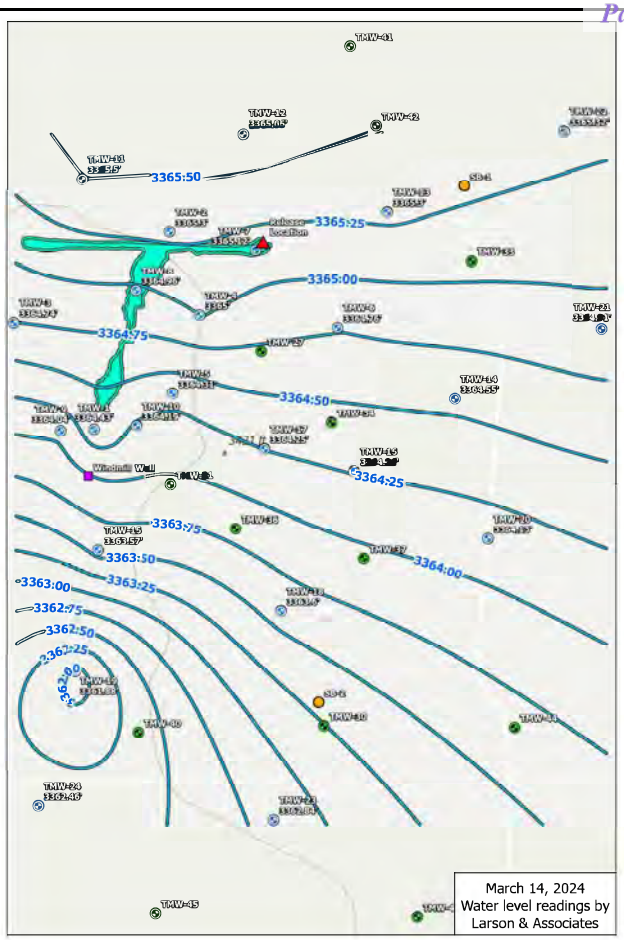

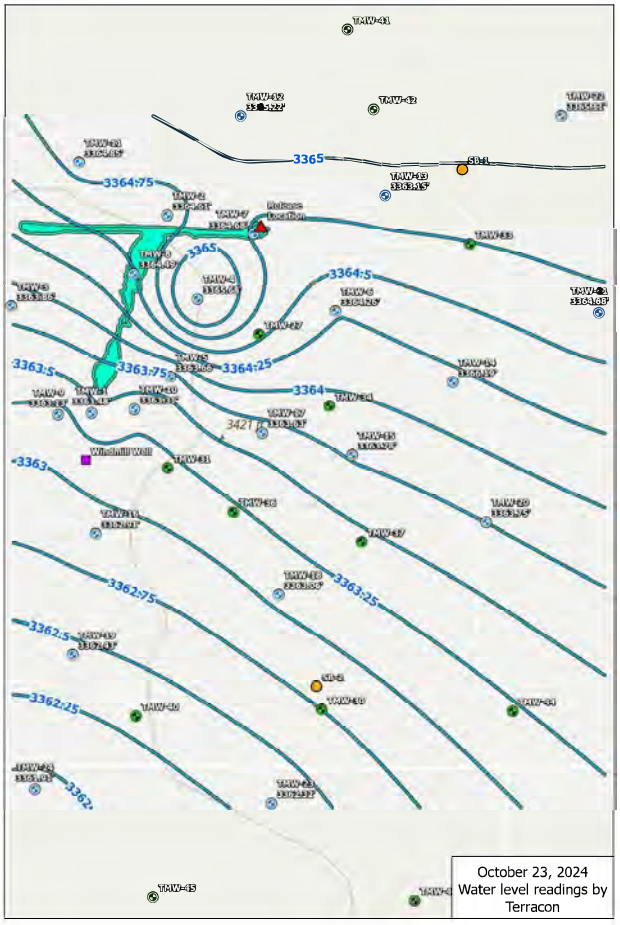

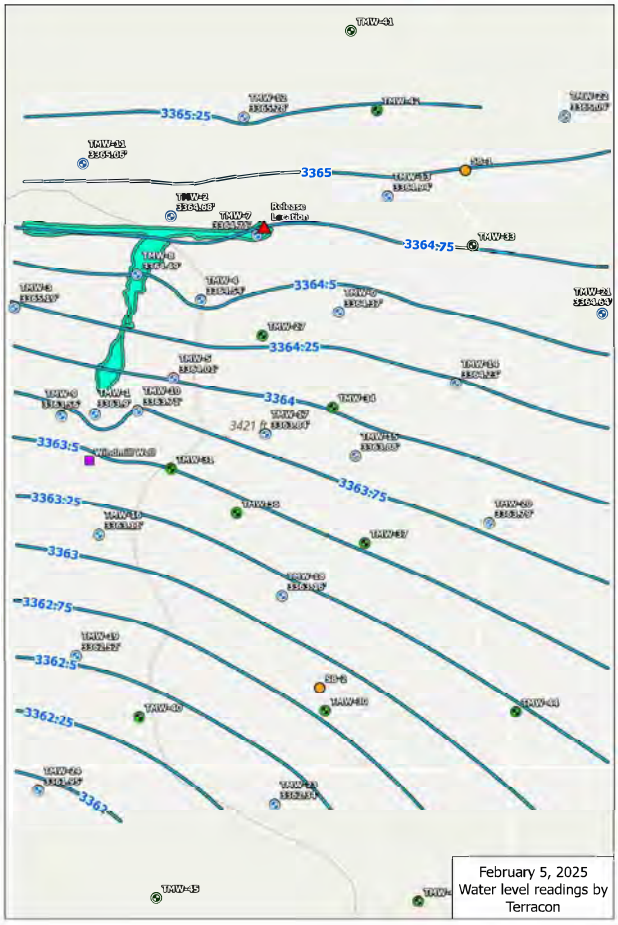

- Existing Monitoring Well
- New Monitoring Well
- Release Location
- Soil Borings
- Windmill Well
- Groundwater Gradient Contour
- Inferred Release

Project No.:	AR25P108
Date:	Nov 04 2025
Drawn By:	JWL
Reviewed By:	JCG

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Groundwater Gradient Maps 2023-2025

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

6A

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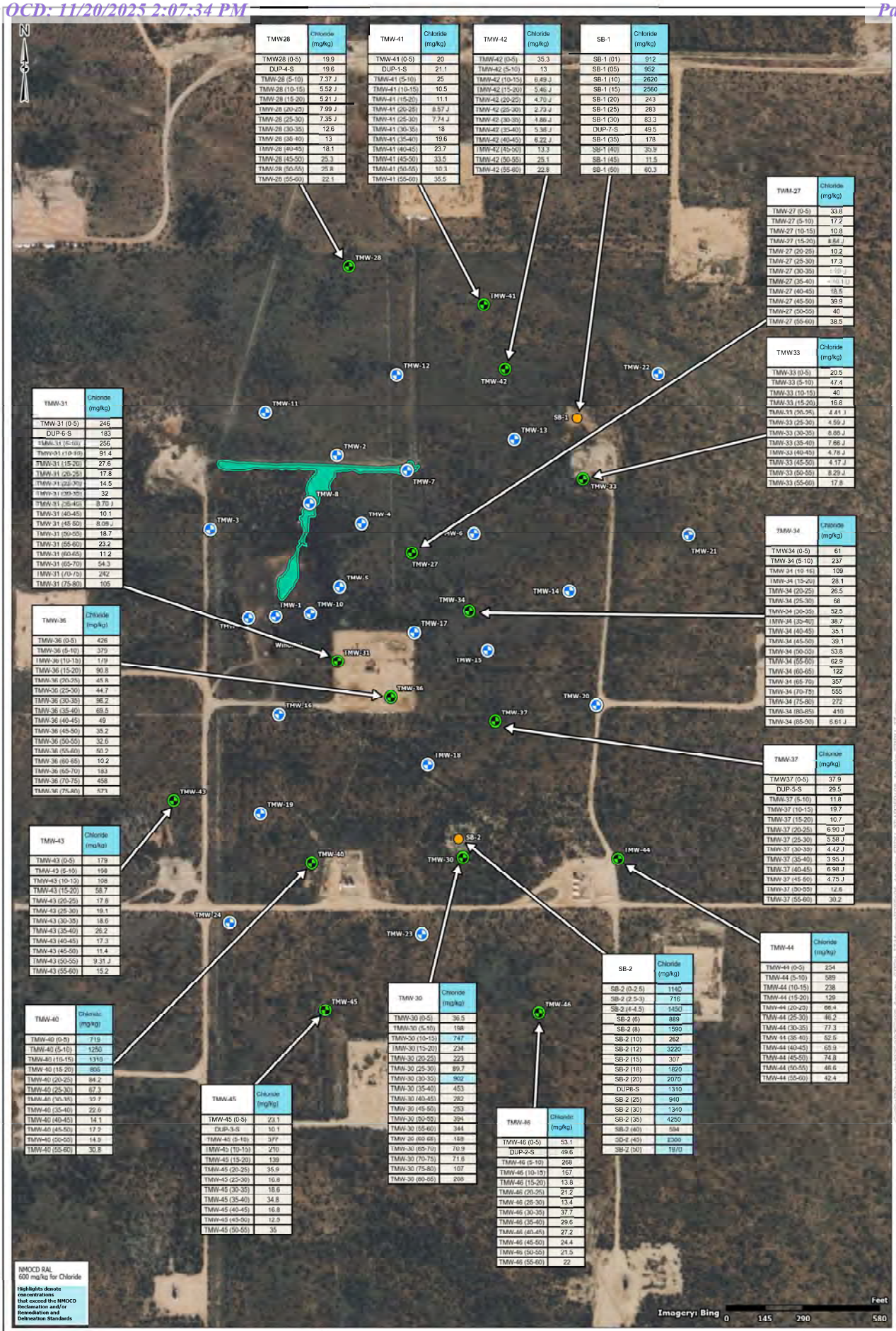

Existing Monitoring Well
New Monitoring Well
Soil Boring
Inferred Release

Project No.:	AR25P108
Date:	Oct 28 2025
Drawn By:	JWL
Reviewed By:	JCG

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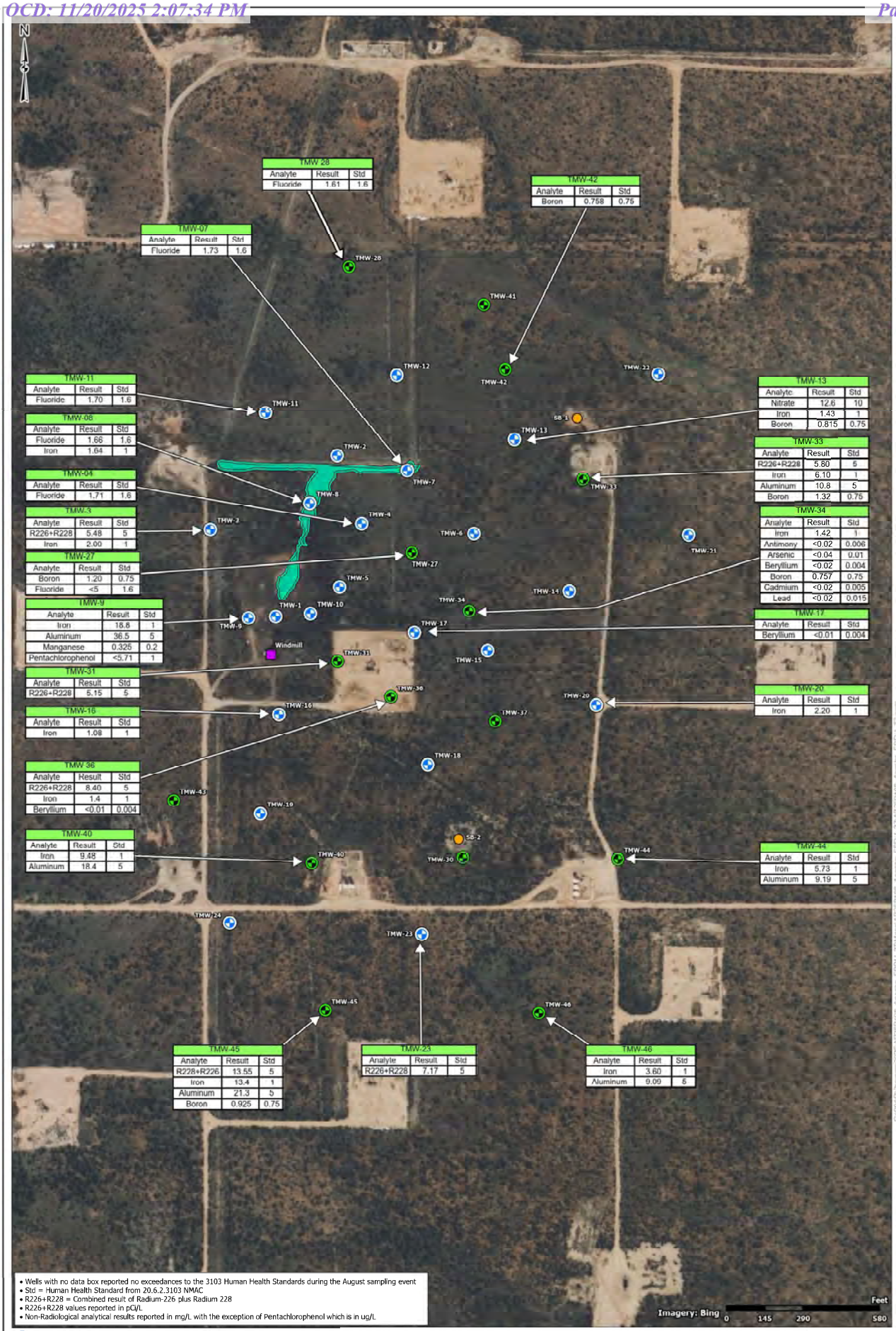
Soil Chloride Results

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

7



Project No.:	AR25P108
Date:	Nov 05 2025
Drawn By:	JWL
Reviewed By:	JCG

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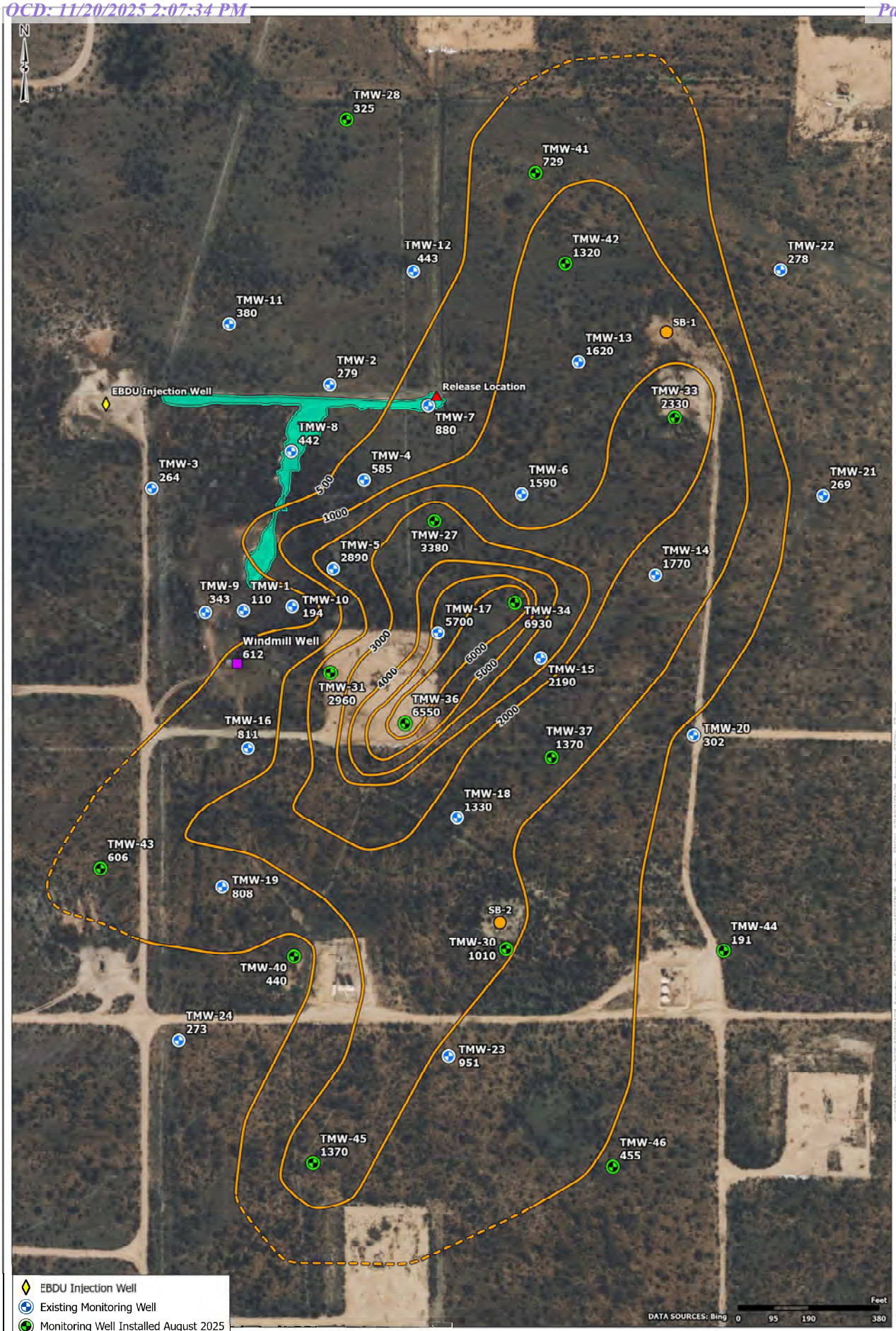
Human Health Standard Exceedances or Detection Limits Over Standard

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

8



Project No.:	AR25P108
Date:	Oct 21 2025
Drawn By:	JWL
Reviewed By:	JCG

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Lubbock, TX

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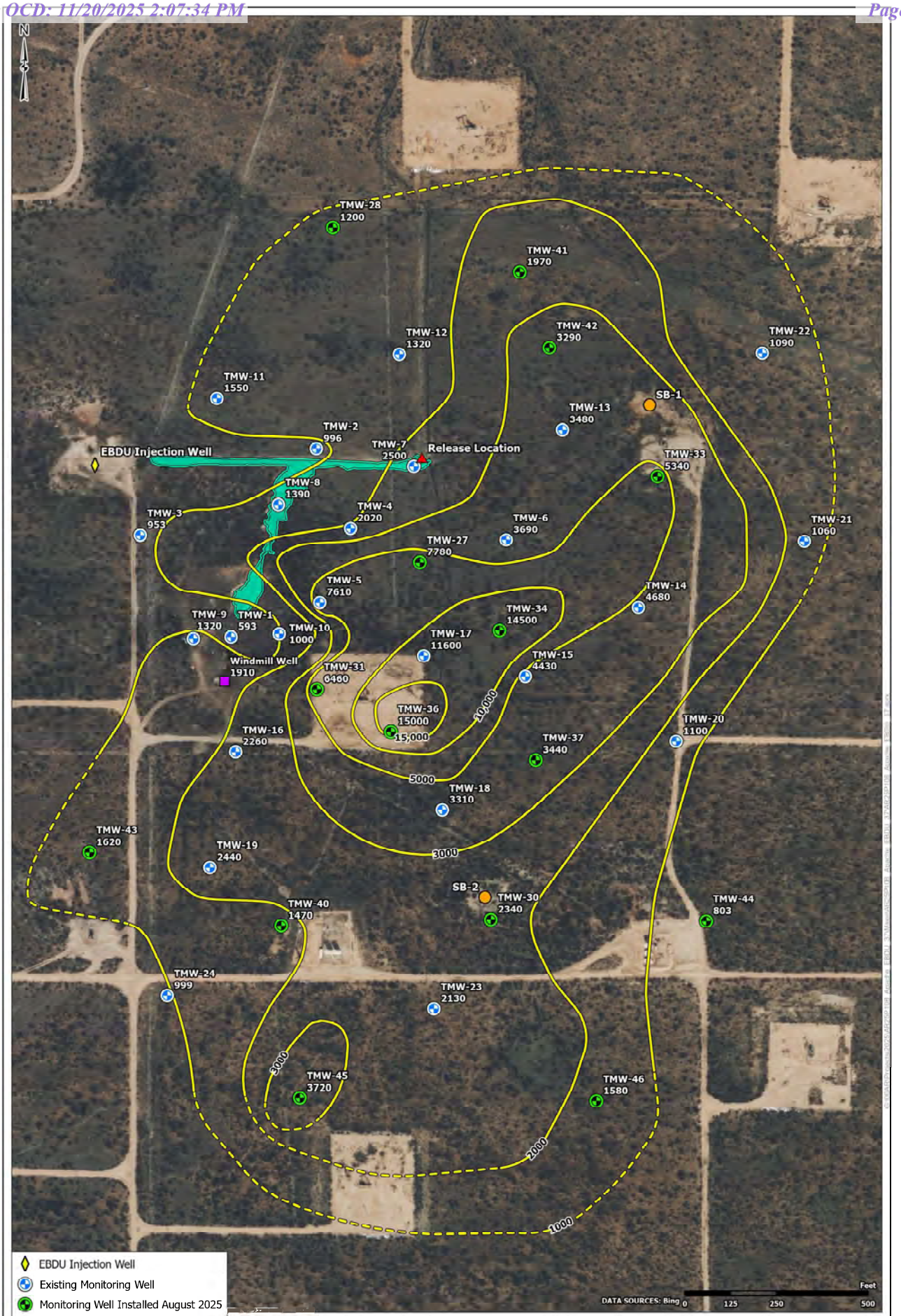
Groundwater Chloride Concentration Map
August 2025

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

9



Project No.:	AR25P108
Date:	Oct 21 2025
Drawn By:	JWL
Reviewed By:	JCG

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Lubbock, TX
PH. 806-300-0140 terracon.com

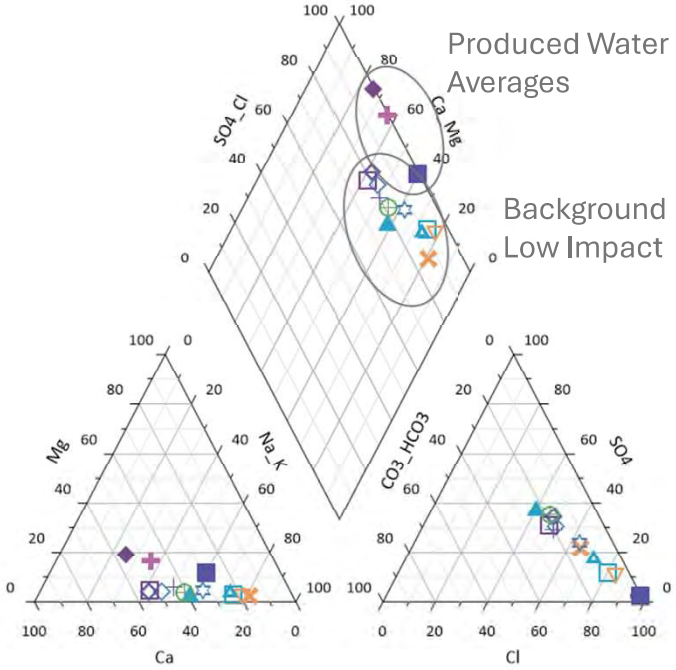
TDS Concentration Map August 2025

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

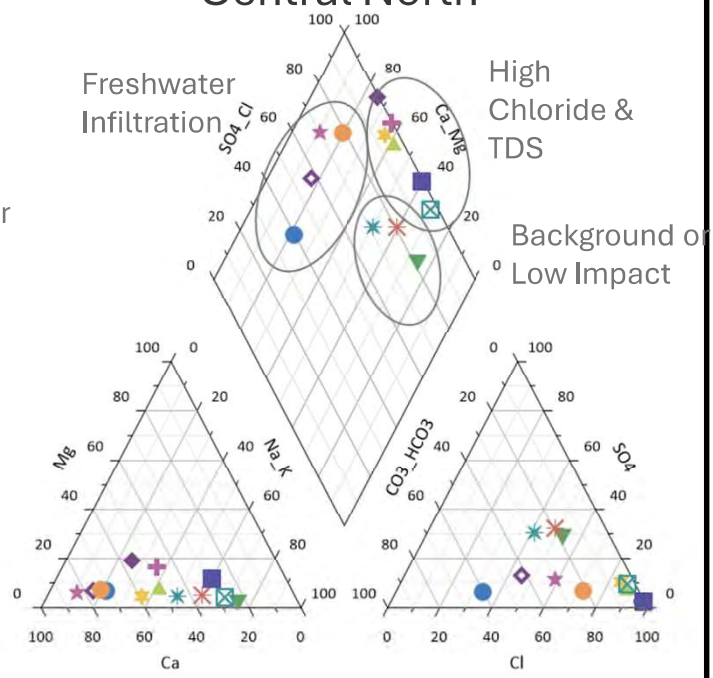
Figure

10

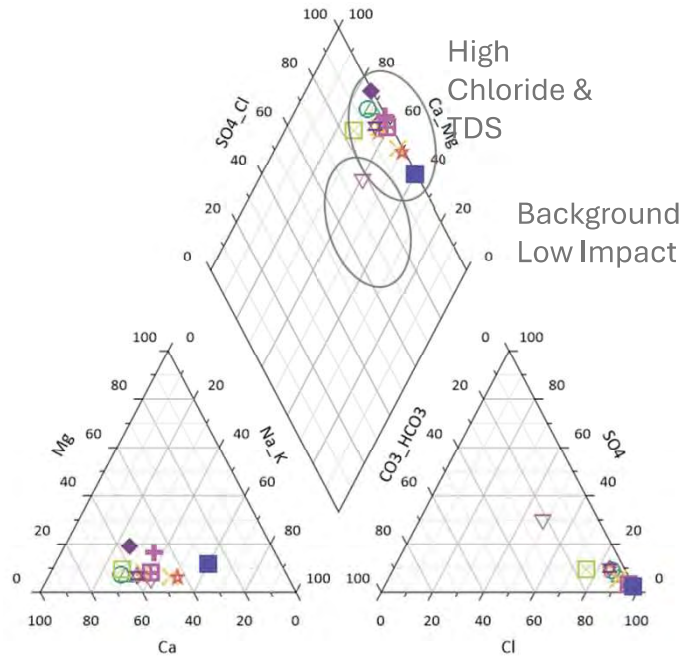
North Area



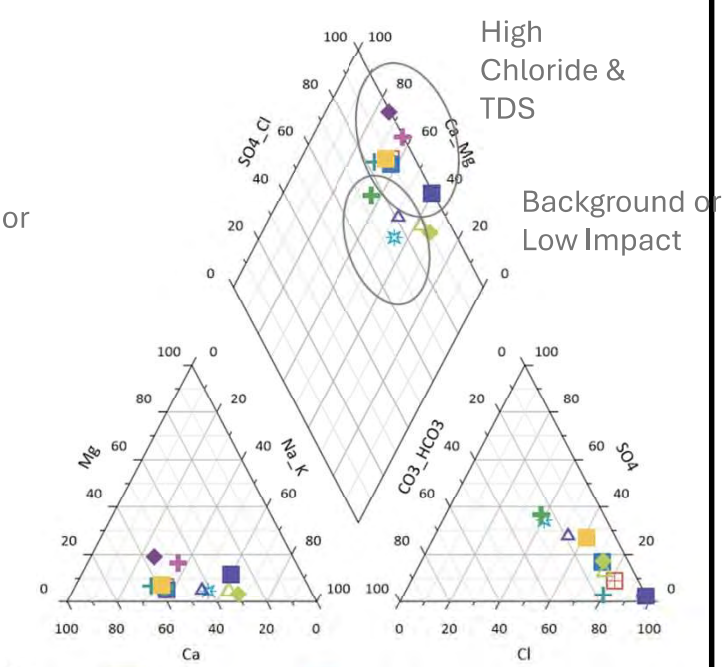
Central North



Central South



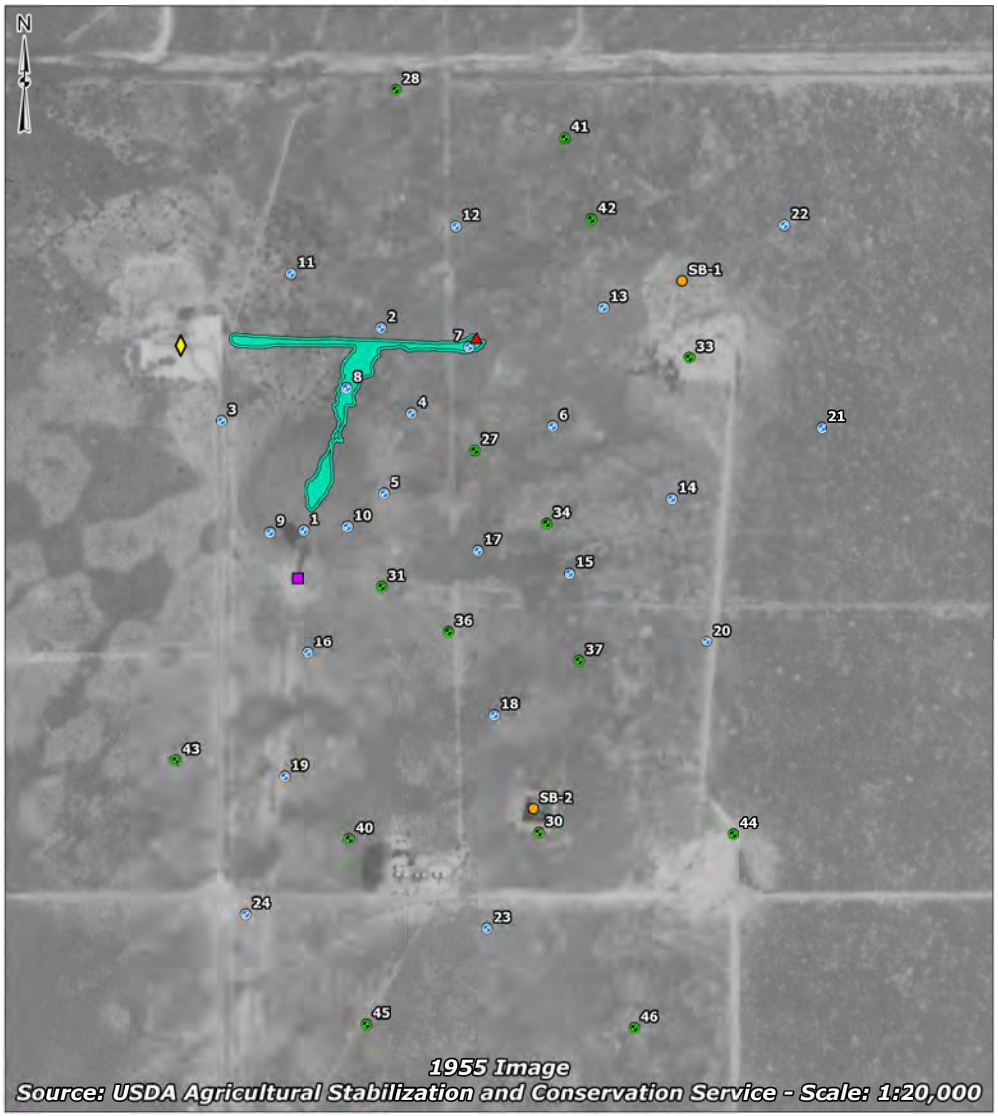
South Area

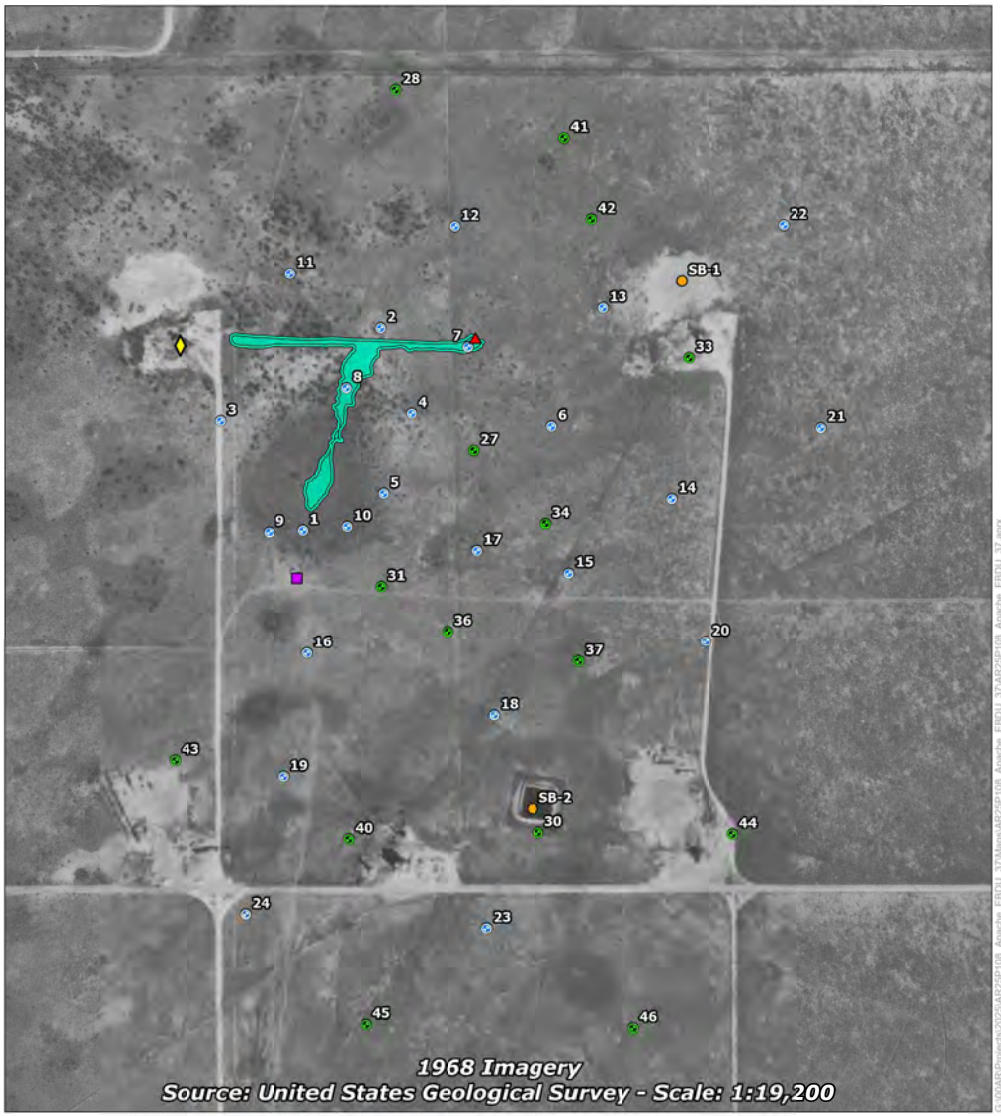


PW A
PW B
PW C
TMW-01
TMW-02
TMW-03
TMW-04
TMW-05
TMW-06
TMW-07
TMW-08
TMW-09
TMW-10
TMW-11
TMW-12
TMW-13
TMW-14
TMW-15
TMW-16
TMW-17
TMW-18
TMW-19
TMW-20
TMW-21
TMW-22
TMW-23
TMW-24
TMW-27
TMW-28
TMW-30
TMW-31
TMW-33
TMW-34
TMW-36
TMW-37
TMW-40
TMW-41
TMW-42
TMW-43
TMW-44
TMW-45
TMW-46
Windmill

Terracon	**Piper Plots** EBDU 37 32.480753, -103.123085 Lea County, New Mexico	Figure 11

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM





- Inferred Release
- EBDU Injection Well
- Existing Monitoring Well
- Monitoring Well Installed August 2025
- Release Location
- Soil Borings
- Windmill

Project No.:	AR25P108
Date:	Nov 18 2025
GIS:	JWL
PM:	JCG
APR:	MFS
OM:	ELL

terracon
5847 50th St
Lubbock, TX
PH. 806-300-0140 terracon.com

Historic Aerial Imagery

EBDU 37
32.4807053, -103.123085
Lea County, New Mexico

Figure

12

G:\GIS\Projects\2025\AR25P108 Apache EBDU 37\Mxds\AR25P108 Apache EBDU 37 Aerials.mxd

APPENDIX A

Boring Logs with Monitoring Well Completion Records

BORING LOG NO. SB-1

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.4811640, -103.1189790

DEPTH	MATERIAL DESCRIPTION	OVA/PID (ppm)
0.0	**Caliche with Sand:** caliche:7.5YR 3.5/1, white to light gray, very small to large, subangular, granules Sand: 7.5 yr 3.5/1 light grey, medium to coarse gained, poorly sorted with some silt, some topsoil, some roots, some gravel, dry, no odor	2.8
5.0	**Sand:** YR 7.5 2/8.5 light brown to tan, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor	0.2
10.0	**Sand:** 5YR 7/1 tan to tan, medium to coarse grained, well to medium sorted, with some small to medium silt stones and with some small to large sand stones with some silt, dry, no odor	0.3
15.0	**Sand with silt:** 5YR 6/6 pink to reddish brown, very fined to fine grained, poorly sorted, with some grey, small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, no odor	0.4
		0.1
		0.8
		0.4
35.0	-10R 4/6 reddish brown, medium to coarse to fine grained, moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor	0.8
		1.0
		1.2
50.0	***Boring Terminated at 50 Feet***	

DEPTH (ft): 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Split Spoon

Abandonment Method:
Back-filled with bentonite

Notes:

WATER LEVEL OBSERVATIONS

N/A

Terracon
5847 50th St
Lubbock, TX

Boring Started: 08-11-2025 | Boring Completed: 08-11-2025

Drill Rig: Split Spoon | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/12/25

BORING LOG NO. SB-2

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.4775020, -103.1201470

DEPTH	MATERIAL DESCRIPTION	OVA/PID (ppm)
0	**Caliche with Sand:** caliche: 7.5 YR 7/1, grey to dark brown, very small to large, subangular, granules Sand: same as caliche, medium to coarse gained, poorly sorted with some silt, some topsoil, some roots, some gravel, dry, odor of tar	15.5
5.0	**Sand:** coarse to medium grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, odor of tar	1743
		1445
		20.1
10.0		2.3
	Sand:10YR 5/2 dark greyish brown, coarse grained, well to medium sorted, with some small to medium silt stones and with some small to large sand stones with some silt, dry, no odor	0.2
12.5	**Sand:** 5YR 7/1 tan, medium to coarse grained, well to medium sorted, with some small to medium silt stones and with some small to large sand stones with some silt, dry, no odor	2.8
15.0	**Sand with silt:** 5 YR 7/6yr light brown to tan, medium to coarse grained, poor to moderately sorted, with some grey,small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, slight odor of tar.	1.8
20.0	-7.5YR 5/6 reddish brown, medium to coarse to fine grained, moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor	0.8
		3.0
		1.5
35.0	-7.5YR 5/6 reddish brown, medium to coarse to fine grained, moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor	0.5
		0.2
		0.1
50.0		1.2
	Boring Terminated at 50 Feet	

DEPTH (ft): 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Split Spoon

Abandonment Method:
Back-filled with bentonite

Notes:

WATER LEVEL OBSERVATIONS

N/A

Terracon
5847 50th St
Lubbock, TX

Boring Started: 08-11-2025 | Boring Completed: 08-11-2025

Drill Rig: Split Spoon | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/12/25

WELL LOG NO. TMW-27

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.479989, -103.120675

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS	DEPTH (ft)	OVA/PID (ppm)
		Well Completion: 3.02' Protective Steel Stickup		
	Silty-sand (white page 7.5YR 8/1), cream to tan coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrounded edges, hard, dry, no odor		5	0.9
10.0				0.7
	Sandy-silt (white page 7.5YR 8/2), trace amount of clay, tan to cream coloring, minor to moderate amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor	Cement	10	0.1
15.0	-No amount of clay, tan to light brown coloring, minor amount of caliche gravel		15	3.7
20.0	-Light brown coloring, trace to minor amount of caliche gravel		20	2.9
25.0	-(5YR 5/4), trace amount of clay, light brown to orange-red coloring		25	4.2
30.0	-Trace amount of clay, orange to light brown coloring, trace amount of gravel	Bentonite	30	3.7
35.0	-(2.5YR 5/4), orange-red to light brown coloring		35	5.1
40.0	-Trace to minor amount of gravel		40	2.9
45.0	-Red-orange to brown coloring, trace amount of gravel		45	3.6
50.0	-Minor amount of gravel, slightly moist		50	5.0
55.0	-(2.5YR 4/6), minor amount of clay, trace amount of gravel, moist		55	5.0
60.0	-Minor amount of clay, red-brown to orange coloring, moderate amount of gravel		60	1.5
65.0	-Minor to moderate amount of gravel	0.010 Slotted PVC Sand	65	1.0
70.0	-Minor to moderate amount of clay, minor amount of gravel		70	1.2
75.0	-(2.5YR 5/4), trace amount of clay, minor to moderate amount of gravel, wet		75	0.0
80.0	-(2.5YR 4/4), monderate to major amount of clay		80	0.0
85.0			85	
88.0	**Silty-clay,** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, wet, no odor			0.0
90.0	-(2.5YR 5/4), red-purple to orange-brown coloring		90	
	Boring Terminated at 90 Feet			

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

61.19' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-08-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-28

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.482492, -103.121341

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand** (white page 10YR 8.5/1), tan to cream coloring, fine to very fine grained, first couple of feet of limestone, sub-angular to sub-rounded edges, hard, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
10.0	-No amount of limstone
15.0	-(white page 7.5 YR 9/2), moderate to major amount of caliche gravel
20.0	-(white page 7.5YR 8.5/1), tan coloring, trace to minor amount of caliche gravel
25.0	**Sandy-silt**, (white page 10YR 8/1), trace amount of clay, tan to light brown coloring, minor amount of caliche gravel, dry, no odor
30.0	-(5YR 4/6), trace to minor amount of clay, brown to orange coloring, trace amount of caliche gravel
35.0	-No amount of caliche gravel
40.0	-Minor amount of clay, trace amount of gravel, rounded to sub-anuglar edges, hard
45.0	-Trace to minor amount of gravel
50.0	-Orange-red to brown coloring, minor amount of gravel, slightly moist
55.0	-Trace to minor amount of gravel
65.0	-Brown to orange-red coloring, moderate amount of gravel, moist
70.0	-Minor to moderate amount of gravel
75.0	-Minor amount of gravel
80.0	-(2.5YR 4/4), orange-red to brown coloring, moderate amount of gravel
85.0	-(2.5YR 5/3), trace amount of gravel, wet
87.0	**Silty-clay,** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, wet, no odor
90.0	-(2.5YR 5/4), red-purple to orange-brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion:
3.25' Protective Steel Stickup

Cement

Bentonite

Sand
0.010 Slotted PVC

DEPTH (ft)	OVA/PID (ppm)
5	4.1
10	2.2
15	4.9
20	1.3
25	2.9
30	2.2
35	1.3
40	1.0
45	1.5
50	1.1
55	0.7
60	3.2
65	5.4
70	2.2
75	3.4
80	5.2
85	0.1
90	0.3
	0.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

61.38' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-08-2025

Well Completed: 08-12-2025

Drill Rig: Air Rotary

Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-30

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.475825, -103.119373

DEPTH	MATERIAL DESCRIPTION
0.0	**Caliche with Sand:** caliche:10YR 8.5/2, white to light gray, very small to large, subangular, granules. Sand: 7.5YR 8.5/2 light grey, medium to coarse gained, poor to moderate sorted with some silt, some topsoil, some roots, some gravel, dry, no odor
5.0	**Sand with silt:** 7.5YR 8.5/2 light gray, white, very fine to fine grained, well-medium sorted, with some caliche granules and some gravel and topsoil, dry, no odor.
15.0	-10YR 8.5/2 light grey to tan, very fine to fine grained well-medium sorted, dry, no odor
20.0	-5YR 5/8 brown to reddish brown, very well to well sorted, some silt, slightly moist, no odor
40.0	-5/8 reddish brown, very fine to fine grained, poor to med sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor
70.0	-5YR 5/8 reddish brown, very fine to fine grained, poor to med sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor
75.0	**-Sand with clay:** sand: 5YR 4/6, dark brown to reddish, medium to coarse grained, well sorted. Clay: pliable, low to medium plasticity, with grey gleying , moist, no odor
90.0	***Boring Terminated at 90 Feet***

INSTALLATION DETAILS

Well Completion:
3.11' Protective Steel Stickup

Cement

Bentonite

0.010 Slotted PVC Sand

DEPTH (ft)	OVA/PID (ppm)
0	0.0
5	0.0
10	0.0
15	0.3
20	0.3
25	0.7
30	0.9
35	1.9
40	1.7
45	1.2
50	0.6
55	1.8
60	1.6
65	2.7
70	3.2
75	2.5
80	3.3
85	
90	

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

62.40' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-10-2025 | Well Completed: 08-10-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-31

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.479032, -103.121434

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
0	**Caliche with Sand:** caliche:10YR 8/1, white to light gray, very small to large, subangular, granules. Sand: 10 YR 8.5/1 light grey, medium to coarse gained, poor to moderate sorted with some silt, some topsoil, some roots, some gravel, dry, no odor	Well Completion: 3.25' Protective Steel Stickup
5.0	**Silty Sand:** YR 8.5/1 light grey, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor	Cement
15.0	-10YR 8/2 light brown to tan, very fine to fine grained well-medium sorted, with some small to medium subangular sand stones granules, dry, no odor	
20.0	-7.5YR 7/4 light brown, very fined to fine grained, poorly sorted, with some grey, small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, no odor	
		Bentonite
35.0	-Calcareous, grey	
40.0	-7.5YR 4/6 reddish brown, very fine to fine grained, poor to moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, chemical odor	
45.0	**Clayey sand**: 5YR 4/6, reddish brown, fine grained, some silt, poorly to moderately sorted, moist, no odor	
		Sand 0.010 Slotted PVC
70.0	-5YR 5/8 reddish brown, very fine to fine grained, poor to med sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor	
75.0	**Sand with clay:** 5YR 4/6, dark brown to reddish, medium to coarse grained, well sorted Clay: 5YR 4/6, dark brown to reddish, pliable, low to medium plasticity, with medium to large subangular, grey siltstones, moist, no odor	
90.0	***Boring Terminated at 90 Feet***	

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				0.2
10				0.6
15				1.5
20				0.5
25				1.2
30				0.1
35				0.4
40				1.4
45				3.4
50				4.0
55	▽			5.7
60	▽			5.8
65				0.4
70				2.1
75				1.1
80				1.3
85				3.3
90				

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *62.17' bgs after well completion*

Tierracon
5847 50th St
Lubbock, TX

Well Started: 08-10-2025 | Well Completed: 08-10-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-33

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.480650, -103.118951

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand** (white page 10YR 8/2), tan to light brown coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrounded edges, hard, dry, no odor
	-(white page 7.5YR 8.5/2), cream to orange-tan coloring
15.0	-Trace amount of caly, minor amount of caliche gravel
20.0	-(2.5YR 7/2), trace to minor amountof clay, cream-orange to light brown coloring, trace to minor amount of caliche gravel
25.0	
30.0	**Sandy-silt**: (2.5YR 6/4), minor amount of clay, light brown to orange-tan coloring, fine to very fine grained, no amount of caliche gravel, dry
	-Light brown to orange coloring
35.0	-(2.5YR 5/6), trace amount of clay, trace amount of gravel, sub-rounded to sub-angular edges, hard
40.0	-Minor amount of clay, orange to light brown coloring
45.0	-(2.5YR 4/6), trace amount of clay, trace to minor amount of gravel
50.0	-(2.5 YR 5/6), red-orange to light brown coloring, minor amount of gravel, slightly moist
55.0	-(7.5R 3/4), minor amount of clay, red-orange to brown coloring, minor t moderate amount of gravel, moist
60.0	-(7.5R 4/4), trace to minor amount of clay, very fine to coarse grained, red to brown coloring, trace amount of gravel
65.0	-Minor to moderate amount of clay, fine to very fine grained
70.0	-(7.5R 3/4), moderate amount of clay
75.0	-Moderate amount of clay, red-orange to brown coloring
80.0	-(7.5R 3/6), trace amount of gravel, saturated
83.0	
85.0	**Silty-clay**: (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
	-(5R 3/4)
90.0	***Boring Terminated at 90 Feet***

INSTALLATION DETAILS

Well Completion:
2.99' Protective Steel Stickup

Cement

Bentonite

0.010 Slotted PVC Sand

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				5.3
10				0.8
15				0.2
20				0.4
25				0.3
30				0.6
35				0.5
40				1.0
45				1.3
50				1.2
55	▽			1.1
60				0.9
65	▽			5.1
70				3.0
75				1.6
80				0.8
85				4.5
90				4.4

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *66.13' bgs after well completion*

Tierracon
5847 50th St
Lubbock, TX

Well Started: 08-06-2025
Well Completed: 08-12-2025
Drill Rig: Air Rotary
Driller: Talon LPE
Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-34

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.479492, -103.120080

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
0		Well Completion: 3.04' Protective Steel Stickup
5.0	**Caliche with Sand:** caliche:7.5YR 3.5/1, white to light gray, very small to large, subangular, granules Sand: 7.5 YR 3.5/1 light grey, medium to coarse gained, poorly sorted with some silt, some topsoil, some roots, some gravel, dry, no odor	
	Sand: YR 7.5 7/4 light brown to tan, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor	Cement
20.0	-7.5 2/8.5 light brown to tan, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor	
25.0	-5yr 5/4 reddish brown to pink, very fine to fine grained well-medium sorted, with some small to medium silt stones and with some small to large sand stones with some silt, dry, no odor	Bentonite
40.0		
	Sandy silt: 5YR 5/4 pink to reddish brown, very fined to fine grained, poorly sorted, with some grey, small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, no odor	
45.0	-10R 4/6 reddish brown, medium to coarse to fine grained, moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor	
55.0		
	Sandy Clay: 5YR 4/6 reddish brown vf-f grained small granules of calcareous, no odor, moist	
65.0	-5YR 4/6 vf-f grained small sandstone granules with small granules of grey calcareous, no odor, moist	0.010 Slotted PVC Sand
75.0	-5YR 4/4 small to medium granules of sandstone, no odor, moist	
90.0		
	Boring Terminated at 90 Feet	

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				0.8
10				0.4
15				0.1
20				0.1
25				2.9
30				0.4
35				0.2
40				1.3
45				1.3
50				1.5
55	▽			1.0
60	▽			3.8
65				1.1
70				2.7
75				1.8
80				0.8
85				1.6
90				1.0

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *62.05' bgs after well completion*

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-10-2025	Well Completed: 08-10-2025
Drill Rig: Air Rotary	Driller: Talon LPE
Project No.: AR25P108	

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-36

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.477327, -103.120154

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
0	**Caliche with Sand:** caliche:2.5YR 8.5/1, white to light gray, very small to large, subangular, granules Sand: 2.5 YR 8.5/1 light grey, medium to coarse gained, poorly sorted with some silt, some topsoil, some roots, some gravel, dry, no odor	Well Completion: 3.10' Protective Steel Stickup
5.0	**Silty Sand:** 7.5 YR 7/3 light brown to tan, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor	Cement
15.0	**Sand:** 7.5YR 7/2 light brown to tan, very fine to fine grained well-medium sorted, with some silt, dry, no odor	
25.0	**Silty Sand:** 7.5YR 5/8 light brown, very fined to fine grained, poorly sorted, with some grey, small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, no odor	Bentonite
55.0	**Sand:** 10R 4/6 reddish brown, medium to coarse to fine grained, moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor	
65.0	-10R YR 4/6, dark brown to reddish brown, coarse grained, well sorted. With some very small to medium grey siltstones, moist, no odor	Sand 0.010 Slotted PVC
80.0	**Sandy Clay:** sand: 5YR 4/6, dark brown to reddish brown, medium to coarse grained, well sorted Clay: 5YR 4/6, dark brown to reddish, pliable, low to medium plasticity, with medium to large subangular, grey siltstones, moist, no odor	
90.0	***Boring Terminated at 90 Feet***	

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				2.8
10				0.2
15				0.3
20				0.4
25				0.1
30				0.8
35				0.4
40				0.8
45				1.0
50				1.2
55	▽			0.5
60	▽			0.8
65				2.4
70				0.6
75				0.7
80				0.9
85				
90				

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *61.80' bgs after well completion*

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-10-2025 | Well Completed: 08-10-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-37

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.478510, -103.119800

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS	DEPTH (ft)	OVA/PID (ppm)
		Well Completion: 3.32' Protective Steel Stickup		
5.0	**Silty-sand:** (10R 7/2), tan to cream coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor		5	3.7
	-(7.5YR 8/2), tan-cream to orange coloring, minor to moderate amount of caliche gravel			3.1
10.0	-(7.5YR 8.5/2), cream to tan coloring, moderate amount of caliche gravel	Cement	10	2.8
15.0	**Sandy-silt:** (7.5YR 8/2), trace amount of clay, light brown to tan coloring, trace amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor		15	3.8
20.0	-(5YR 7/6), light brown coloring, no amount of caliche gravel		20	3.9
25.0	-Red-orange to brown coloring, trace amount of gravel, sub-rounded to sub-angular, hard		25	2.8
30.0	-(5YR 6/6), orange to brown coloring, minor amount of clay, trace amount of gravel	Bentonite	30	0.0
35.0	-Orange to light brown coloring, trace to minor amount of gravel		35	3.9
40.0	-(10R 6/6)		40	3.7
45.0	-(2.5YR 5/6), trace amount of gravel		45	2.8
50.0	-Minor to moderate amount of gravel, slightly moist		50	1.7
55.0	-Minor to moderate amount of clay, moist		55	1.2
60.0	-(2.5YR 4/6), orange to brown coloring, moderate amount of clay, moderate amount of gravel		60	1.5
65.0	-Minor ro moderate amount of gravel	0.010 Slotted PVC Sand	65	1.8
70.0	-Trace to minor amount of gravel		70	1.1
75.0	-(2.5YR 4/4), trace amount of gravel		75	2.1
80.0	-(2.5YR 5/3), saturated		80	0.0
83.0				
84.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor		85	0.0
90.0	-(2.5YR 5/4), red-purple to orange-brown coloring		90	
	Boring Terminated at 90 Feet			

WATER LEVEL OBSERVATIONS: 55'-60' bgs while drilling; 63.11' bgs after well completion

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

63.11' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-09-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-40

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.477265, -103.121711

DEPTH	MATERIAL DESCRIPTION
0.0	**Silty-sand:** (white page 5YR 6/2), dark brown to tan coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
5.0	-(white page 5YR 7/3), light brown-tan coloring
10.0	-(white page 5YR 7/2)
15.0	**Sandy-silt:** (white page 7.5 YR 8/2), trace amount of clay, light brown coloring, trace amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor
20.0	-Trace to minor amount of caliche gravel
25.0	-Light brown to tan coloring, minor amount of caliche gravel
30.0	-(2.5YR 7/3), trace amount of caliche gravel
35.0	-(10R 6/6), trace to minor amount of clay, brown to light brown-orange coloring, no amount of gravel, slightly moist
40.0	-(10R 6/4), light brown to brown-orange coloring
45.0	(10R 5/6), brown-orange colo-ring, trace amount of gravel
55.0	-Minor to moderate amount of gravel, moist
60.0	-(10R 4/4), minor amount of clay, brown to orange-red coloring, minor amount of gravel
65.0	-(10R 5/4), moderate amount of gravel
70.0	-(10R 4/4)
75.0	-Moderate to major amount of clay, minor amount of gravel
80.0	(2.5YR 5/4), saturated
83.0	
84.0	**Silty-clay**: (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
85.0	-(2.5YR 5/4), red-purple to orange-brown coloring
	Boring Terminated at 85 Feet

INSTALLATION DETAILS

Well Completion:
3.35' Protective Steel Stickup

Cement

Bentonite

Sand
0.010 Slotted PVC

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				0.5
10				1.0
15				5.0
20				3.7
25				3.1
30				2.7
35				4.5
40				5.0
45				4.5
50				5.5
55	▽			5.4
60	▽			2.2
65				2.5
70				1.8
75				0.9
80				3.0
85				1.6
				0.0

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *61.75' bgs after well completion*

Tierracon
5847 50th St
Lubbock, TX

Well Started: 08-08-2025
Well Completed: 08-12-2025
Drill Rig: Air Rotary
Driller: Talon LPE
Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-41

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.482125, -103.119904

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (white page 7.5YR 8/2), tan to cream coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
10.0	-Moderate amount of caliche gravel
15.0	-Minor to moderate amount of caliche gravel
20.0	-Trace amount of caly, trace to minor amount of caliche grave
25.0	-(white page 10YR 8/2), cream to yellow coloring, trace amoune of caliche gravel
30.0	-(white page 7.5YR 8/2), minor amount of caliche gravel
35.0	**Sandy-silt:** (2.5YR 6/6), minor amount of clay, orange-red to brown coloring, fine to very fine grained, no amount of caliche gravel, dry, no odor
40.0	-Minor to moderate amount of clay
45.0	-Minor amount of clay, minor amount of gravel, sub-rounded to sub-angular edges, hard
50.0	-(2.5YR 5/8), orange-red to brown coloring, trace amount of gravel
55.0	-Red-orange to brown coloring, trace to minor amount of gravel, slightly moist
60.0	-(2.5YR 4/6), moist
65.0	-(2.5YR 5/6), minor to moderate amount of clay, red to brown coloring, moderate to major amount of gravel
70.0	-(2.5YR 4/8), minor to moderate amount of gravel
75.0	-(2.5YR 4/6), moderate to major amount of clay, very fine to coarse grained, major amount of gravel
80.0	-(10R 5/6), trace amoune to clay, fine to very fine grained, brown to red coloring
83.0	-(10R 4/6), moderate to major amount of clay, red to brown coloring, saturated
84.0	**Silty-clay**: (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
90.0	-(5R 2.5/4), red-purple to brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion:
3.12' Protective Steel Stickup

Cement

Bentonite

0.010 Slotted PVC Sand

DEPTH (ft) | WATER LEVEL OBSERVATIONS | SAMPLE TYPE | RECOVERY (%) | OVA/PID (ppm)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Equipment Malfunction

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

64.86' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-05-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-42

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.481600, -103.119705

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS	DEPTH (ft)	OVA/PID (ppm)
		Well Completion: 2.97' Protective Steel Stickup		
5.0	**Silty-sand:** (white page 7.5YR 8/2), cream to tan coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor		5	4.4
10.0	Trace amount of caly, minor to moderate amount of caliche gravel		10	9.4
15.0	-Minor amount of caliche gravel	Cement	15	16.0
20.0	-Trace to minor amount of caliche gravel		20	25.4
25.0	**Sandy-silt:** (2.5YR 6/6), trace amount of clay, very fine to coarse grained, tan to light brown coloring, no amount of caliche gravel, dry, no odor		25	11.3
30.0	-Trace amount of clay, red to light brown coloring	Bentonite	30	17.9
35.0	-(2.5YR 4/6), minor amount of clay, fine to very fine grained, orange-red to light brown coloring, trace amount of gravel, sub-rounded to sub-angular edges, hard, dry, no odor		35	4.9
40.0	-Trace to minor amount of gravel		40	2.4
45.0	-(2.5YR 5/8), trace amoune of clay, orange-red to brown coloring, trace amount of gravel		45	2.3
50.0	-Minor amount of clay		50	0.6
55.0	-Minor to moderate amount of clay, slightly moist		55	0.6
60.0	-(2.5YR 4/6), very fine to coarse grained, orange-red to light brown coloring, minor to moderate amount of gravel, moist		60	1.4
65.0	-(2.5YR 5/6), moderate amount of clay, red-orange to brown coloring, moderate amount of gravel	0.010 Slotted PVC Sand	65	1.2
70.0	-(2.5YR 4/8), red to brown coloring, minor amount of gravel		70	21.2
75.0	-(2.5YR 4/6), moderate to major amount of clay, trace to minor amount of gravel		75	3.0
80.0	-(10R 5/6), minor amount of gravel, wet		80	13.4
83.0	-(10R 4/6), moderate to major amount of clay, red to brown coloring, trace amount of gravel, saturated		85	9.7
84.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor			
90.0	-(5R 2.5/4), red-purple to brown coloring		90	5.9
	Boring Terminated at 90 Feet			

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

64.30' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-05-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-43

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.477701, -103.123321

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (white page 10YR 2.5/8), cream to tan coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
	-Major amount of caliche gravel
10.0	-(white page 10YR 1/8), cream to orange coloring, moderate to major amount of caliche gravel
15.0	**Sandy-silt:** (white page 10YR 2/8), cream to tan coloring, minor amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor
20.0	-(white page 10YR 7/2), no amount of caliche gravel
25.0	-Tan to light brown coloring
30.0	-(5YR 6/3), trace amount of clay, trace amount og gravel, sub-rounded to sub-angular edges, hard, dry, no odor
35.0	-(5YR 4/6), trace to minor amount of clay, red-orange to brown coloring, trace minor amount of gravel, slightly mosit
40.0	-(5YR 5/6), minor amount of clay
50.0	-Trace amount of gravel
55.0	-(5YR 4/6), orange-red to brown coloring, minor amount of gravel, moist
60.0	-(10R 6/6), very fine to coarse grained
70.0	-(10R 5/4), fine to very fined grained, minor to moderate amount of gravel, wet
75.0	-(10R 6/4)
80.0	-(10R 4/6), brown to orange coloring, saturated
83.0	
84.0	**Silty-clay**: (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, wet, no odor
90.0	-(5R 2.5/4), red-purple to brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion:
3.25' Protective Steel Stickup

Cement

Bentonite

0.010 Slotted PVC Sand

DEPTH (ft)	OVA/PID (ppm)
5	0.8
10	3.4
15	3.7
20	0.1
25	0.5
30	3.8
35	2.5
40	1.3
45	1.6
50	1.4
55	3.7
60	0.9
65	1.4
70	0.7
75	2.2
80	2.0
85	0.1
90	0.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

60.43' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-07-2025

Well Completed: 08-12-2025

Drill Rig: Air Rotary

Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-44

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.477662, -103.118673

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (white page 7.5YR 8/2), tan to cream coloring, fine to very fine grained, moderate amount of caliche gravel, sub-angular to subrounded edges, hard, dry, no odor
10.0	-(5YR 8/2), tan to cream-orange coloring, moderate to major amount of caliche gravel
15.0	-(5YR 7/3)
20.0	-(5YR 8/1), trace amount of clay, tan to cream coloring, moderate amount of gravel
25.0	-(5YR 8/2), minor amount of caliche gravel
30.0	**Sandy-silt**: (5YR 7/3), trace to minor amount of clay, tan to light brown coloring, fine to very fine grained, trace to minor amount of gravel, sub-rounded to sub-angular edges, hard, dry, no odor
35.0	-(10R 5/6), light brown to orange coloring, no amount of gravel
40.0	-Minor amount of clay, brown to orange coloring
45.0	-(10R 4/6), trace to minor amount of gravel, rounded to sub-angular edges, hard
50.0	-(10R 5/6)
55.0	-(10R 4/6)
60.0	-Minor amount of gravel, moist
65.0	-(7.5R 4/4), minor to moderate amount of clay, brown to red-orange coloring, minor amount of gravel
70.0	-(5R 4/4)
75.0	-(5R 3/4), moderate amount of clay, trace amount of gravel
80.0	-(5R 3/3), moderate to major amount of clay, no amount of gravel
85.0	-(5R 3/4), red to brown coloring
88.0	-Trace amount of gravel, saturated
90.0	**Silty-clay**: (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
95.0	-(5R 2.5/6), red-purple to brown coloring
	Boring Terminated at 95 Feet

INSTALLATION DETAILS

Well Completion:
2.98' Protective Steel Stickup

Cement

Bentonite

0.010 Slotted PVC
Sand

DEPTH (ft)	OVA/PID (ppm)
5	0.2
10	1.4
15	2.6
20	0.8
25	0.7
30	0.5
35	0.1
40	0.9
45	3.5
50	1.1
55	1.7
60	1.3
65	0.8
70	1.6
75	6.1
80	1.9
85	1.0
90	0.1
95	0.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

66.03' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-06-2025

Well Completed: 08-12-2025

Drill Rig: Air Rotary

Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-45

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.475958, -103.121591

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (white page 7.5YR 8/2), cream to brown coloring, fine to very fine grained, minor to moderate amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
10.0	-(white page 7.5YR 9/2), cream-tan to orange coloring, moderate amount of caliche gravel
15.0	-(white page 7.5 YR 8.5/2)
20.0	**Sandy-silt:** (white page 7.5YR 8/2), trace amount of clay, tan to cream coloring, fine to very fine grained, trace amount of caliche gravel, dry, no odor
25.0	-Tan to light brown coloring
30.0	-(2.5YR 6/3), trace amount of clay, light brown to tan coloring, very fine to coarse grained
35.0	-Fine to very fine grained, trace amount of gravel
40.0	-(2.5YR 6/4), trace to minor amount of clay, light brown to tan-orange coloring, minor amount of gravel
45.0	-(2.5YR 5/6), brown-orange to tan coloring, trace amount of gravel
50.0	-(2.5YR 5/6), minor amount of clay, orange to brown coloring
55.0	-Brown to orange coloring, slightly moist
60.0	-Minor to moderate amount of clay, trace amount of gravel
65.0	-(2.5YR 4/6), moderate amount of clay, brown to orange coloring, very fine to coarse grained, minor amount of gravel, moist
70.0	-Fine to very fine grained, trace amounr of gravel
75.0	-(2.5YR 5/4), minor amount of gravel
80.0	-Saturated
88.0	-(2.5YR 5/6), trace to minor amount of gravel
90.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
95.0	-(2.5YR 5/4), red-purple to brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion:
3.43' Protective Steel Stickup

Cement

Bentonite

Sand
0.010 Slotted PVC

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				4.3
10				1.3
15				2.2
20				2.9
25				7.0
30				6.1
35				4.8
40				6.0
45				2.5
50				1.0
55	▽			1.6
60	▽			3.6
65				3.8
70				4.1
75				2.7
80				0.1
85				0.2
90				0.1

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *60.51' bgs after well completion*

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-07-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

WELL LOG NO. TMW-46

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.475825, -103.119373

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
5.0	**Silty-sand** (white page 7.5YR 8/2), cream to tan coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor	Well Completion: 3.20' Protective Steel Stickup
	-Cream to orange coloring	
10.0	-Minor to moderate amount of gravel	Cement
15.0		
20.0	**Sandy-silt**: (white page 7.5YR 8/2), trace amount of clay, tan to cream coloring, fine to very fine grained, trace amount of caliche gravel, dry, no odor	
	-Tan to light brown coloring, no amount of clay, trace amount of caliche gravel	
25.0	-(10R 6/3), trace amoune to clay, tan-light brown to orange coloring	
30.0	-(10R 5/6), trace to minor amount of clay, orange-red to brown coloring, no amount of caliche gravel, slightly moist	Bentonite
35.0	-(10R 5/4), orange to brown coloring	
40.0	-Trace amount of gravel, sub-rounded to sub-angular edges, hard	
45.0	-(10R 5/6), minor amount of gravel	
50.0	-(10R 4/6), orange-red to brown coloring, trace to moinor amount of gravel	
55.0	-(10R 5/6), red-orange to brown coloring, trace amount of gravel, moist	
60.0	-Orange-red to brown coloring	
65.0	-No amount of gravel	
75.0	-(10R 4/6)	0.010 Slotted PVC Sand
80.0	-(10R 4/4), Silty-sand, saturated	
85.0	-(10R 5/4)	
90.0	-(10R 4/4)	
96.0		
100.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor	
	-(10R 4/4), minor amount of gravel (may be from up hole)	
105.0		
	Boring Terminated at 105 Feet	

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				1.5
10				1.2
15				1.3
20				0.6
25				1.0
30				0.5
35				2.8
40				1.6
45				0.7
50				2.4
55	▽			2.1
60	▽			1.4
65				0.3
70				0.1
75				1.1
80				3.6
85				0.1
90				0.1
95				1.2
100				0.4
105				0.3

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *62.61' bgs after well completion*

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-06-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 11/11/25

APPENDIX B

State Well Reports

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD1 (TMW-27)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	47.9604	N
	LONGITUDE	103	7	14.43	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/8/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 61.19

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.02	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	47	6.25	Sch 40 PVC	Riser	2	0.25	-
47	87	6.25	Sch 40 PVC	Screen	2	0.25	0.010
87	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	45	6.25	3/4" Hydrated Bentonite Chips	4.64	Tremie
45	90	6.25	20/40 Silica Sand	8.35	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-27

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.479989, -103.120675

DEPTH	MATERIAL DESCRIPTION
10.0	**Silty-sand:** (White Page 7.5YR 8/1), cream to tan coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
15.0	**Sandy-silt:** (White Page 7.5YR 8/2), trace amount of clay, tan to cream coloring, minor to moderate amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor
	-No amount of clay, tan to light brown coloring, minor amount of caliche gravel
20.0	-Light brown coloring, trace to minor amount of caliche gravel
25.0	-(5YR 5/4), trace amount of clay, light brown to orange-red coloring
30.0	-Trace amount of clay, orange to light brown coloring, trace amount of gravel
35.0	-(2.5YR 5/4), orange-red to light brown coloring
40.0	-Trace to minor amount of gravel
45.0	-Red-orange to brown coloring, trace amount of gravel
50.0	-Minor amount of gravel, slightly moist
55.0	-(2.5YR 4/6), minor amount of clay, trace amount of gravel, moist
60.0	-Minor amount of clay, red-brown to orange coloring, moderate amount of gravel
65.0	-Minor to moderate amount of gravel
70.0	-Minor to moderate amount of clay, minor amount of gravel
75.0	-(2.5YR 5/4), trace amount of clay, minor to moderate amount of gravel, wet
80.0	-(2.5YR 4/4), monderate to major amount of clay
85.0	
88.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, wet, no odor
90.0	-(2.5YR 5/4), red-purple to orange-brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion:
3.02' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC Sand

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				0.9
10				0.7
15				0.1
20				3.7
25				2.9
30				4.2
35				3.7
40				5.1
45				2.9
50				3.6
55	▽			5.0
60	▽			5.0
65				1.5
70				1.0
75				1.2
80				0.0
85				0.0
90				0.0

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ 55'-60' bgs while drilling

▽ 61.19' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-08-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD2 (TMW-28)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	56.9712	N
	LONGITUDE	103	7	16.8276	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/8/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 61.38

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.25	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	39	6.25	Sch 40 PVC	Riser	2	0.25	-
39	90	6.25	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	37	6.25	3/4" Hydrated Bentonite Chips	3.15	Tremie
37	90	6.25	20/40 Silica Sand	9.83	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-28

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.482492, -103.121341

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (White Page 10YR 8.5/1), tan to cream coloring, fine to very fine grained, first couple of feet of limestone, sub-angular to sub-rounded edges, hard, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
10.0	-No amount of limstone
15.0	-(White Page 7.5 YR 9/2), moderate to major amount of caliche gravel
20.0	-(White Page 7.5YR 8.5/1), tan coloring, trace to minor amount of caliche gravel
25.0	**Sandy-silt:** (White Page 10YR 8/1), trace amount of clay, tan to light brown coloring, minor amount of caliche gravel, dry, no odor
30.0	-(5YR 4/6), trace to minor amount of clay, brown to orange coloring, trace amount of caliche gravel
35.0	-No amount of caliche gravel
40.0	-Minor amount of clay, trace amount of gravel, rounded to sub-anuglar edges, hard
45.0	-Trace to minor amount of gravel
50.0	-Orange-red to brown coloring, minor amount of gravel, slightly moist
55.0	-Trace to minor amount of gravel
65.0	-Brown to orange-red coloring, moderate amount of gravel, moist
70.0	-Minor to moderate amount of gravel
75.0	-Minor amount of gravel
80.0	-(2.5YR 4/4), orange-red to brown coloring, moderate amount of gravel
85.0	-(2.5YR 5/3), trace amount of gravel, wet
87.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, wet, no odor
90.0	-(2.5YR 5/4), red-purple to orange-brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion: 3.25' Protective Steel Stickup

Cement

Bentonite

Sand 0.10 Slotted PVC

DEPTH (ft)	OVA/PID (ppm)
5	4.1
10	2.2
15	4.9
20	1.3
25	2.9
30	2.2
35	1.3
40	1.0
45	1.5
50	1.1
55	0.7
60	3.2
65	5.4
70	2.2
75	3.4
80	5.2
85	0.1
90	0.3
	0.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

61.38' bgs after well completion

Terracon

5847 50th St
Lubbock, TX

Well Started: 08-08-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD3 (TMW-30)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	32.97	N
	LONGITUDE	103	7	9.7422	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/10/2025	8/10/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 62.40

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.11	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	46	6.25	Sch 40 PVC	Riser	2	0.25	-
46	86	6.25	Sch 40 PVC	Screen	2	0.25	0.010
86	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	44	6.25	3/4" Hydrated Bentonite Chips	4.60	Tremie
44	90	6.25	20/40 Silica Sand	8.41	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-30

Page 1 of 1

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.475825, -103.119373

DEPTH	MATERIAL DESCRIPTION
5.0	**Caliche with Sand:** caliche:10yr 8.5/2, white to light gray, very small to large, subangular, granules. Sand: 7.5yr 8.5/2 light grey, medium to coarse gained, poor to moderate sorted with some silt, some topsoil, some roots, some gravel, dry, no odor
	Sand with silt: 7.5yr 8.5/2 light gray, white, very fine to fine grained, well-medium sorted, with some caliche granules and some gravel and topsoil, dry, no odor.
15.0	-10yr 8.5/2 light grey to tan, very fine to fine grained well-medium sorted, dry, no odor
20.0	-5yr 5/8 brown to reddish brown, very well to well sorted, some silt, slightly moist, no odor
40.0	-5/8 reddish brown, very fine to fine grained, poor to med sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor
70.0	-5yr 5/8 reddish brown, very fine to fine grained, poor to med sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor
75.0	**Sand with clay:** sand: 5yr 4/6, dark brown to reddish, medium to coarse grained, well sorted. Clay: pliable, low to medium plasticity, with grey gleying , moist, no odor
90.0	***Boring Terminated at 90 Feet***

INSTALLATION DETAILS

Well Completion:
3.11' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC Sand

DEPTH (ft)	OVA/PID (ppm)
5	0.0
10	0.0
15	0.0
20	0.3
25	0.3
30	0.7
35	0.9
40	1.9
45	1.7
50	1.2
55	0.6
60	1.8
65	1.6
70	2.7
75	3.2
80	2.5
85	3.3
90	

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

62.40' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-10-2025

Well Completed: 08-10-2025

Drill Rig: Air Rotary

Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD4 (TMW-31)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	44.5146	N
	LONGITUDE	103	7	17.1618	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/10/2025	8/10/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 62.17

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.25	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	45	6.25	Sch 40 PVC	Riser	2	0.25	-
45	90	6.25	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	43	6.25	3/4" Hydrated Bentonite Chips	4.26	Tremie
43	90	6.25	20/40 Silica Sand	8.71	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

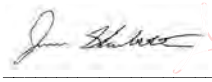
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-31

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.479032, -103.121434

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
5.0	**Caliche with Sand:** caliche:10yr 8/1, white to light gray, very small to large, subangular, granules. Sand: 10 yr 8.5/1 light grey, medium to coarse gained, poor to moderate sorted with some silt, some topsoil, some roots, some gravel, dry, no odor	Well Completion: 3.25' Protective Steel Stickup
15.0	**Sand with silt:** yr 8.5/1 light grey, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor	Cement
20.0	10yr 8/2 light brown to tan, very fine to fine grained well-medium sorted, with some small to medium subangular sand stones granules, dry, no odor	
35.0	7.5yr 7/4 light brown, very fined to fine grained, poorly sorted, with some grey, small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, no odor	Bentonite
40.0	Calcareous, grey	
45.0	7.5yr 4/6 reddish brown, very fine to fine grained, poor to moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, chemical odor	
70.0	**Sand with clay**: 5yr 4/6, reddish brown, fine grained, some silt, poorly to moderately sorted, moist, no odor	Sand 0.10 Slotted PVC
75.0	-5yr 5/8 reddish brown, very fine to fine grained, poor to med sorted with small subangular sand-stone granules, with some small grey silt stones, moist, no odor	
90.0	**Sandy Clay: sand:** 5yr 4/6, dark brown to reddish, medium to coarse grained, well sorted Clay: 5yr 4/6, dark brown to reddish, pliable, low to medium plasticity, with medium to large subangular, grey siltstones, moist, no odor	
	Boring Terminated at 90 Feet	

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				0.2
10				0.6
15				1.5
20				0.5
25				1.2
30				0.1
35				0.4
40				1.4
45				3.4
50				4.0
55	▽			5.7
60	▽			5.8
65				0.4
70				2.1
75				1.1
80				1.3
85				3.3
90				

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ 55'-60' bgs while drilling

▽ 62.17' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-10-2025 | Well Completed: 08-10-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD5 (TMW-33)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	50.3394	N
	LONGITUDE	103	7	8.223	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/6/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 66.13

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-2.99	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	45	6.25	Sch 40 PVC	Riser	2	0.25	-
45	85	6.25	Sch 40 PVC	Screen	2	0.25	0.010
85	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	43	6.25	3/4" Hydrated Bentonite Chips	4.26	Tremie
43	90	6.25	20/40 Silica Sand	8.71	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

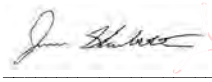
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-33

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.480650, -103.118951

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (White Page 10YR 8/2), tan to light brown coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrounded edges, hard, dry, no odor
	-(White Page 7.5YR 8.5/2), cream to orange-tan coloring
15.0	-Trace amount of clay, minor amount of caliche gravel
20.0	-(2.5YR 7/2), trace to minor amountof clay, cream-orange to light brown coloring, trace to minor amount of caliche gravel
25.0	
30.0	**Sandy-silt,** (2.5YR 6/4), minor amount of clay, light brown to orange-tan coloring, fine to very fine grained, no amount of caliche gravel, dry
	-Light brown to orange coloring
35.0	-(2.5YR 5/6), trace amount of clay, trace amount of gravel, sub-rounded to sub-angular edges, hard
40.0	-Minor amount of clay, orange to light brown coloring
45.0	-(2.5YR 4/6), trace amount of clay, trace to minor amount of gravel
50.0	-(2.5 YR 5/6), red-orange to light brown coloring, minor amount of gravel, slightly moist
55.0	-(7.5R 3/4), minor amount of clay, red-orange to brown coloring, minor t moderate amount of gravel, moist
60.0	-(7.5R 4/4), trace to minor amount of clay, very fine to coarse grained, red to brown coloring, trace amount of gravel
65.0	-Minor to moderate amount of clay, fine to very fine grained
70.0	-(7.5R 3/4), moderate amount of clay
75.0	-Moderate amount of clay, red-orange to brown coloring
80.0	-(7.5R 3/6), trace amount of gravel, saturated
83.0	
85.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
90.0	(5R 3/4)
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion: 2.99' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC Sand

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				5.3
				0.8
10				0.2
15				0.4
20				0.3
25				0.6
30				0.5
35				1.0
40				1.3
45				1.2
50				1.1
55	▽			0.9
60				5.1
65	▽			3.0
70				1.6
75				0.8
80				4.5
85				4.4
90				

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *66.13' bgs after well completion*

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-06-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD6 (TMW-34)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	46.1712	N
	LONGITUDE	103	7	12.288	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/10/2025	8/10/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 62.05

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.04	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	42	6.25	Sch 40 PVC	Riser	2	0.25	-
42	87	6.25	Sch 40 PVC	Screen	2	0.25	0.010
87	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	45	6.25	3/4" Hydrated Bentonite Chips	4.64	Tremie
45	90	6.25	20/40 Silica Sand	8.35	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

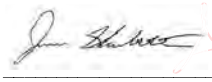
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-34

Page 1 of 1

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.479492, -103.120080

DEPTH	MATERIAL DESCRIPTION
5.0	**Caliche with Sand:** caliche:7.5yr 3.5/1, white to light gray, very small to large, subangular, granules Sand: 7.5 yr 3.5/1 light grey, medium to coarse gained, poorly sorted with some silt, some topsoil, some roots, some gravel, dry, no odor
	Sand: yr 7.5 7/4 light brown to tan, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor
20.0	-7.5 2/8.5 light brown to tan, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor
25.0	-5yr 5/4 reddish brown to pink, very fine to fine grained well-medium sorted, with some small to medium silt stones and with some small to large sand stones with some silt, dry, no odor
40.0	
45.0	**Sandy Silt:** 5yr 5/4 pink to reddish brown, very fined to fine grained, poorly sorted, with some grey , small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, no odor
	-10R 4/6 reddish brown, medium to coarse to fine grained, moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor
55.0	
	Sandy Clay: 5yr 4/6 reddish brown vf-f grained small granules of calcareous, no odor, moist
65.0	-5yr 4/6 vf-f grained small sandstone granules with small granules of grey calcareous, no odor, moist
75.0	-5yr 4/4 small to medium granules of sandstone, no odor, moist
90.0	
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion: 3.04' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC

Sand

DEPTH (ft)	OVA/PID (ppm)
5	0.8
10	0.4
15	0.1
20	0.1
25	2.9
30	0.4
35	0.2
40	1.3
45	1.3
50	1.5
55	1.0
60	3.8
65	1.1
70	2.7
75	1.8
80	0.8
85	1.6
90	1.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

62.05' bgs after well completion

Terracon

5847 50th St
Lubbock, TX

Well Started: 08-10-2025	Well Completed: 08-10-2025
Drill Rig: Air Rotary	Driller: Talon LPE
Project No.: AR25P108	

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD7 (TMW-36)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	38.3772	N
	LONGITUDE	103	7	12.5538	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/10/2025	8/10/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 61.80

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.10	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	49	6.25	Sch 40 PVC	Riser	2	0.25	-
49	90	6.25	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	47	6.25	3/4" Hydrated Bentonite Chips	5.00	Tremie
47	90	6.25	20/40 Silica Sand	7.97	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

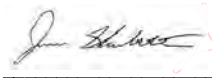
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-36

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.477327, -103.120154

DEPTH	MATERIAL DESCRIPTION
5.0	**Caliche with Sand:** caliche:2.5yr 8.5/1, white to light gray, very small to large, subangular, granules Sand: 2.5 yr 8.5/1 light grey, medium to coarse gained, poorly sorted with some silt, some topsoil, some roots, some gravel, dry, no odor
15.0	**Sand with Silt:** 7.5 yr 7/3 light brown to tan, very fine to fine grained, well-medium sorted, with some caliche granules, with some silt and some gravel and topsoil, dry, no odor
25.0	**Sand:** 7.5yr 7/2 light brown to tan, very fine to fine grained well-medium sorted, with some silt, dry, no odor
55.0	**Sand with silt:** 7.5yr 5/8 light brown, very fined to fine grained, poorly sorted, with some grey, small to medium, subangular silt stones, with some small subangular sandstones, some silt, slightly moist, no odor
65.0	**Sand:** 10R 4/6 reddish brown, medium to coarse to fine grained, moderately sorted with small subangular sandstone granules, with some small grey silt stones, moist, no odor
80.0	-10R yr 4/6, dark brown to reddish brown, coarse grained, well sorted. With some very small to medium grey siltstones, moist, no odor
90.0	**Sandy Clay:** sand: 5yr 4/6, dark brown to reddish brown, medium to coarse grained, well sorted Clay: 5yr 4/6, dark brown to reddish, pliable, low to medium plasticity, with medium to large subangular, grey siltstones, moist, no odor
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion: 3.10' Protective Steel Stickup

Cement

Bentonite

Sand 0.10 Slotted PVC

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				2.8
10				0.2
15				0.3
20				0.4
25				0.1
30				0.8
35				0.4
40				0.8
45				1.0
50				1.2
55	▽			0.5
60	▽			0.8
65				2.4
70				0.6
75				0.7
80				0.9
85				
90				

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *61.80' bgs after well completion*

Tierracon
5847 50th St
Lubbock, TX

Well Started: 08-10-2025 | Well Completed: 08-10-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD8 (TMW-37)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	42.6354	N
	LONGITUDE	103	7	11.2794	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/9/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 63.11

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.32	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	45	6.25	Sch 40 PVC	Riser	2	0.25	-
45	85	6.25	Sch 40 PVC	Screen	2	0.25	0.010
85	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	43	6.25	3/4" Hydrated Bentonite Chips	4.26	Tremie
43	90	6.25	20/40 Silica Sand	8.71	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

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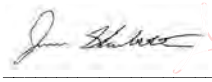


Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-37

Page 1 of 1

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.478510, -103.119800

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
		Well Completion: 3.32' Protective Steel Stickup
5.0	**Silty-sand:** (10R 7/2), tan to cream coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor	
	-(7.5YR 8/2), tan-cream to orange coloring, minor to moderate amount of caliche gravel	
10.0	-(7.5YR 8.5/2), cream to tan coloring, moderate amount of caliche gravel	Cement
15.0		
20.0	**Sandy-silt:** (7.5YR 8/2), trace amount of clay, light brown to tan coloring, trace amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor	
	-(5YR 7/6), light brown coloring, no amount of caliche gravel	
25.0	-Red-orange to brown coloring, trace amount of gravel, sub-rounded to sub-angular, hard	
30.0	-(5YR 6/6), orange to brown coloring, minor amount of clay, trace amount of gravel	Bentonite
35.0	-Orange to light brown coloring, trace to minor amount of gravel	
40.0	-(10R 6/6)	
45.0	-(2.5YR 5/6), trace amount of gravel	
50.0	-Minor to moderate amount of gravel, slightly moist	
55.0	-Minor to moderate amount of clay, moist	
60.0	-(2.5YR 4/6), orange to brown coloring, moderate amount of clay, moderate amount of gravel	
65.0	-Minor ro moderate amount of gravel	0.10 Slotted PVC Sand
70.0	-Trace to minor amount of gravel	
75.0	-(2.5YR 4/4), trace amountof gravel	
80.0	-(2.5YR 5/3), saturated	
83.0		
84.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor	
90.0	-(2.5YR 5/4), red-purple to orange-brown coloring	
	Boring Terminated at 90 Feet	

DEPTH (ft)	OVA/PID (ppm)
5	3.7
10	3.1
15	2.8
20	3.8
25	3.9
30	2.8
35	0.0
40	3.9
45	3.7
50	2.8
55	1.7
60	1.2
65	1.5
70	1.8
75	1.1
80	2.1
85	0.0
90	0.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

63.11' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-09-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD9 (TMW-40)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	38.154	N
	LONGITUDE	103	7	18.1596	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/8/2025	8/12/2025	85	85	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 61.75

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.35	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	45	6.25	Sch 40 PVC	Riser	2	0.25	-
45	85	6.25	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	43	6.25	3/4" Hydrated Bentonite Chips	4.26	Tremie
43	85	6.25	20/40 Silica Sand	8.71	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

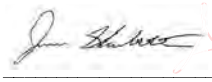
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-40

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.477265, -103.121711

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
0.0	**Silty-sand:** (White Page 5YR 6/2), dark brown to tan coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor	Well Completion: 3.35' Protective Steel Stickup
5.0	-(White Page 5YR 7/3), light brown-tan coloring	
10.0	-(White Page 5YR 7/2)	Cement
15.0		
20.0	**Sandy-silt:**(White Page 7.5 YR 8/2), trace amount of clay, light brown coloring, trace amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor	
	-Trace to minor amount of caliche gravel	
25.0	-Light brown to tan coloring, minor amount of caliche gravel	
30.0	-(2.5YR 7/3), trace amount of caliche gravel	Bentonite
35.0	-(10R 6/6), trace to minor amount of clay, brown to light brown-orange coloring, no amount of gravel, slightly moist	
40.0	-(10R 6/4), light brown to brown-orange coloring	
45.0	-(10R 5/6), brown-orange coloring, trace amount of gravel	
55.0	-Minor to moderate amount of gravel, moist	
60.0	-(10R 4/4), minor amount of clay, brown to orange-red coloring, minor amount of gravel	
65.0	-(10R 5/4), moderate amount of gravel	Sand 0.10 Slotted PVC
70.0	-(10R 4/4)	
75.0	-Moderate to major amount of clay, minor amount of gravel	
80.0	-(2.5YR 5/4), saturated	
83.0		
84.0	**Silty-clay**: (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor	
85.0	-(2.5YR 5/4), red-purple to orange-brown coloring	
	Boring Terminated at 85 Feet	

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				0.5
10				1.0
15				5.0
20				3.7
25				3.1
30				2.7
35				4.5
40				5.0
45				4.5
50				5.5
55	▽			5.4
60	▽			2.2
65				2.5
70				1.8
75				0.9
80				3.0
85				1.6
				0.0

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *61.75' bgs after well completion*

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-08-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD10 (TMW-41)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	55.65	N
	LONGITUDE	103	7	11.6544	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/5/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 64.86

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.12	37	6.25	Sch 40 PVC	Riser	2	0.25	-
37	87	6.25	Sch 40 PVC	Screen	2	0.25	0.010
87	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	35	6.25	3/4" Hydrated Bentonite Chips	2.79	Tremie
35	90	6.25	20/40 Silica Sand	10.2	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Digitally signed by Jason R Shubert
DN: cn=Jason R Shubert, o=TalonLPE Ltd, ou=01, email=jshubert@talonlpe.com, c=US
Date: 2025.10.02 17:08:33 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/2/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-41

Page 1 of 1

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.482125, -103.119904

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (White Page 7.5YR 8/2), tan to cream coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
10.0	-Moderate amount of caliche gravel
15.0	-Minor to moderate amount of caliche gravel
20.0	-Trace amount of caly, trace to minor amount of caliche grave
25.0	-(White Page 10YR 8/2), cream to yellow coloring, trace amoune of caliche gravel
30.0	-(White Page 7.5YR 8/2), minor amount of caliche gravel
35.0	**Sandy-silt:** (2.5YR 6/6), minor amount of clay, orange-red to brown coloring, fine to very fine grained, no amount of caliche gravel, dry, no odor
40.0	-Minor to moderate amount of clay
45.0	-Minor amount of clay, minor amount of gravel, sub-rounded to sub-angular edges, hard
50.0	-(2.5YR 5/8), orange-red to brown coloring, trace amount of gravel
55.0	-Red-orange to brown coloring, trace to minor amount of gravel, slightly moist
60.0	-(2.5YR 4/6), moist
65.0	-(2.5YR 5/6), minor to moderate amount of clay, red to brown coloring, moderate to major amount of gravel
70.0	-(2.5YR 4/8), minor to moderate amount of gravel
75.0	-(2.5YR 4/6), moderate to major amount of clay, very fine to coarse grained, major amount of gravel
80.0	-(10R 5/6), trace amoune to clay, fine to very fine grained, brown to red coloring
83.0	-(10R 4/6), moderate to major amount of clay, red to brown coloring, saturated
84.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
90.0	-(5R 2.5/4), red-purple to brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion: 3.12' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC Sand

DEPTH (ft) | WATER LEVEL OBSERVATIONS | SAMPLE TYPE | RECOVERY (%) | OVA/PID (ppm)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Equipment Malfunction

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

64.86' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-05-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/26/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD11 (TMW-42)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	53.76	N
	LONGITUDE	103	7	10.9374	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/5/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 64.30

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-2.97	37	6.25	Sch 40 PVC	Riser	2	0.25	-
37	87	6.25	Sch 40 PVC	Screen	2	0.25	0.010
87	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	35	6.25	3/4" Hydrated Bentonite Chips	2.79	Tremie
35	90	6.25	20/40 Silica Sand	10.2	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
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				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

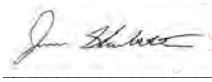
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Shubert
DN: cn=Jason R Shubert, o=TalonLPE Ltd, ou=01, email=jshubert@talonlpe.com, c=US
Date: 2025.10.02 17:08:33 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/2/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-42

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.481600, -103.119705

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (White Page 7.5YR 8/2), cream to tan coloring, fine to very fine grained, major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
	-Trace amount of caly, minor to moderate amount of caliche gravel
10.0	
	-Minor amount of caliche gravel
15.0	
	-Trace to minor amount of caliche gravel
20.0	
25.0	**Sandy-silt:** (2.5YR 6/6), trace amount of clay, very fine to coarse grained, tan to light brown coloring, no amount of caliche gravel, dry, no odor
	-Trace amount of clay, red to light brown coloring
30.0	
	-(2.5YR 4/6), minor amount of clay, fine to very fine grained, orange-red to light brown coloring, trace amount of gravel, sub-rounded to sub-angular edges, hard, dry, no odor
35.0	
	-Trace to minor amount of gravel
40.0	
	-(2.5YR 5/8), trace amoune of clay, orange-red to brown coloring, trace amount of gravel
45.0	
	-Minor amount of clay
50.0	
	-Minor to moderate amount of clay, slightly moist
55.0	
	-(2.5YR 4/6), very fine to coarse grained, orange-red to light brown coloring, minor to moderate amountof gravel, moist
60.0	
	-(2.5YR 5/6), moderate amount of clay, red-orange to brown coloring, moderate amount of gravel
65.0	
	-(2.5YR 4/8), red to brown coloring, minor amount of gravel
70.0	
	-(2.5YR 4/6), moderate to major amount of clay, trace to minor amount of gravel
75.0	
	-(10R 5/6), minor amount of gravel, wet
80.0	
83.0	-(10R 4/6), moderate to major amount of clay, red to brown coloring, trace amount of gravel, saturated
84.0	**-Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
90.0	-(5R 2.5/4), red-purple to brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion: 2.97' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC Sand

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				4.4
10				9.4
15				16.0
20				25.4
25				11.3
30				17.9
35				4.9
40				2.4
45				2.3
50				0.6
55	▽			0.6
60				1.4
65	▽			1.2
70				21.2
75				3.0
80				13.4
85				9.7
90				5.9

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ *55'-60' bgs while drilling*

▽ *64.30' bgs after well completion*

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-05-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/26/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD12 (TMW-43)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	39.7236	N
	LONGITUDE	103	7	23.9556	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/7/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 60.43

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.25	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	45	6.25	Sch 40 PVC	Riser	2	0.25	-
45	85	6.25	Sch 40 PVC	Screen	2	0.25	0.010
85	90	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	43	6.25	3/4" Hydrated Bentonite Chips	4.26	Tremie
43	90	6.25	20/40 Silica Sand	8.71	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

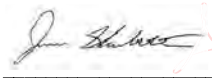
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-43

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE:
Lea County, New Mexico

LOCATION 32.477701, -103.123321

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (White Page 10YR 2.5/8), cream to tan coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
	-Major amount of caliche gravel
10.0	-(White Page 10YR 1/8), cream to orange coloring, moderate to major amount of caliche gravel
15.0	
20.0	**Sandy-silt:** (White Page 10YR 2/8), cream to tan coloring, minor amount of caliche gravel, sub-angular to sub-rounded, hard, dry, no odor
	-(White Page 10YR 7/2), no amount of caliche gravel
25.0	-Tan to light brown coloring
30.0	-(5YR 6/3), trace amount of clay, trace amount og gravel, sub-rounded to sub-angular edges, hard, dry, no odor
35.0	-(5YR 4/6), trace to minor amount of clay, red-orange to brown coloring, trace minor amount of gravel, slightly mosit
40.0	-(5YR 5/6), minor amount of clay
50.0	-Trace amount of gravel
55.0	-(5YR 4/6), orange-red to brown coloring, minor amount of gravel, moist
60.0	-(10R 6/6), very fine to coarse grained
70.0	-(10R 5/4), fine to very fined grained, minor to moderate amount of gravel, wet
75.0	-(10R 6/4)
80.0	-(10R 4/6), brown to orange coloring, saturated
83.0	
84.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, wet, no odor
90.0	-(5R 2.5/4), red-purple to brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion:
3.25' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC Sand

DEPTH (ft)	OVA/PID (ppm)
5	0.8
10	3.4
15	3.7
20	0.1
25	0.5
30	3.8
35	2.5
40	1.3
45	1.6
50	1.4
55	3.7
60	0.9
65	1.4
70	0.7
75	2.2
80	2.0
85	0.1
90	0.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method:
Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

60.43' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-07-2025	Well Completed: 08-12-2025
Drill Rig: Air Rotary	Driller: Talon LPE
Project No.: AR25P108	

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD13 (TMW-44)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	39.5832	N
	LONGITUDE	103	7	7.2228	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/6/2025	8/12/2025	95	95	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 66.03

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-2.98	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	48	6.25	Sch 40 PVC	Riser	2	0.25	-
48	95	6.25	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	46	6.25	3/4" Hydrated Bentonite Chips	4.82	Tremie
46	95	6.25	20/40 Silica Sand	8.16	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

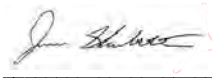
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-44

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.477662, -103.118673

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (White Page 7.5YR 8/2), tan to cream coloring, fine to very fine grained, moderate amount of caliche gravel, sub-angular to subrounded edges, hard, dry, no odor
10.0	-(5YR 8/2), tan to cream-orange coloring, moderate to major amount of caliche gravel
15.0	-(5YR 7/3)
20.0	-(5YR 8/1), trace amount of clay, tan to cream coloring, moderate amount of gravel
25.0	-(5YR 8/2), minor amount of caliche gravel
30.0	**Sandy-silt:** (5YR 7/3), trace to minor amount of clay, tan to light brown coloring, fine to very fine grained, trace to minor amount of gravel, sub-rounded to sub-angular edges, hard, dry, no odor
35.0	-(10R 5/6), light brown to orange coloring, no amount of gravel
40.0	-Minor amount of clay, brown to orange coloring
45.0	-(10R 4/6), trace to minor amount of gravel, rounded to sub-angular edges, hard
50.0	-(10R 5/6)
55.0	-(10R 4/6)
60.0	-Minor amount of gravel, moist
65.0	-(7.5R 4/4), minor to moderate amount of clay, brown to red-orange coloring, minor amount of gravel
70.0	-(5R 4/4)
75.0	-(5R 3/4), moderate amount of clay, trace amount of gravel
80.0	-(5R 3/3), moderate to major amount of clay, no amount of gravel
85.0	-(5R 3/4), red to brown coloring
88.0	-Trace amount of gravel, saturated
90.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
95.0	-(5R 2.5/6), red-purple to brown coloring
	Boring Terminated at 95 Feet

INSTALLATION DETAILS

Well Completion: 2.98' Protective Steel Stickup

Cement

Bentonite

0.10 Slotted PVC Sand

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				0.2
10				1.4
15				2.6
20				0.8
25				0.7
30				0.5
35				0.1
40				0.9
45				3.5
50				1.1
55	▽			1.7
60				1.3
65	▽			0.8
70				1.6
75				6.1
80				1.9
85				1.0
90				0.1
95				0.0

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ 55'-60' bgs while drilling

▽ 66.03' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-06-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/17/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD14 (TMW-45)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	33.4482	N
	LONGITUDE	103	7	17.727	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/7/2025	8/12/2025	90	90	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 60.51

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.43	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	40	6.25	Sch 40 PVC	Riser	2	0.25	-
40	90	6.25	Sch 40 PVC	Screen	2	0.25	0.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	38	6.25	3/4" Hydrated Bentonite Chips	3.33	Tremie
38	90	6.25	20/40 Silica Sand	9.64	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

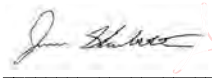
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-45

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.475958, -103.121591

DEPTH	MATERIAL DESCRIPTION
5.0	**Silty-sand:** (White Page 7.5YR 8/2), cream to brown coloring, fine to very fine grained, minor to moderate amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor
10.0	-(White Page 7.5YR 9/2), cream-tan to orange coloring, moderate amount of caliche gravel
15.0	-(White Page 7.5 YR 8.5/2)
20.0	**Sandy-silt:** (White Page 7.5YR 8/2), trace amount of clay, tan to cream coloring, fine to very fine grained, trace amount of caliche gravel, dry, no odor
25.0	-Tan to light brown coloring
30.0	-(2.5YR 6/3), trace amount of clay, light brown to tan coloring, very fine to coarse grained
35.0	-Fine to very fine grained, trace amount of gravel
40.0	-(2.5YR 6/4), trace to minor amount of clay, light brown to tan-orange coloring, minor amount of gravel
45.0	-(2.5YR 5/6), brown-orange to tan coloring, trace amount of gravel
50.0	-(2.5YR 5/6), minor amount of clay, orange to brown coloring
55.0	-Brown to orange coloring, slightly moist
60.0	-Minor to moderate amount of clay, trace amount of gravel
65.0	-(2.5YR 4/6), moderate amount of clay, brown to orange coloring, very fine to coarse grained, minor amount of gravel, moist
70.0	-Fine to very fine grained, trace amounr of gravel
75.0	-(2.5YR 5/4), minor amount of gravel
80.0	-Saturated
88.0	-(2.5YR 5/6), trace to minor amount of gravel
90.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor
	-(2.5YR 5/4), red-purple to brown coloring
	Boring Terminated at 90 Feet

INSTALLATION DETAILS

Well Completion: 3.43' Protective Steel Stickup

Cement

Bentonite

Sand 0.10 Slotted PVC

DEPTH (ft)	OVA/PID (ppm)
5	4.3
10	1.3
15	2.2
20	2.9
25	7.0
30	6.1
35	4.8
40	6.0
45	2.5
50	1.0
55	1.6
60	3.6
65	3.8
70	4.1
75	2.7
80	0.1
85	0.2
90	0.1
	0.0

WATER LEVEL OBSERVATIONS

SAMPLE TYPE

RECOVERY (%)

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

55'-60' bgs while drilling

60.51' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-07-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD15 (TMW-46)		CP-02076

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Apache Corporation	432- 818-1108

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
303 Veterans Airpark Lane	Midland	TX	79705

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	28	32.97	N
	LONGITUDE	103	7	9.7422	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND

* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

NE corner of Jones City Rd and NM-18

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1898	Jason R Subert	Talon/LPE, Ltd.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
8/6/2025	8/12/2025	105	105	55'-60'

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 62.61

DATE STATIC MEASURED: 8/12/25

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
-3.20	0	6.25	Steel	Protective steel stick-up	2	0.25	-
0	48	6.25	Sch 40 PVC	Riser	2	0.25	-
48	98	6.25	Sch 40 PVC	Screen	2	0.25	0.010
98	105	6.25	Sch 40 PVC	Blank/Sump	2	0.25	-

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	20	6.25	Type I/II Portland Cement	3.71	Tremie
20	46	6.25	3/4" Hydrated Bentonite Chips	4.82	Tremie
46	105	6.25	20/40 Silica Sand	8.16	Tremie

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
			See attached boring log from Terracon	Y N	
			Water at 55'-60'	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm):

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

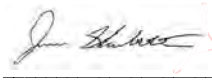
MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Jose A Salas, Joe R Tamayo

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:



Digitally signed by Jason R Subert
DN: cn=Jason R Subert, o=Drilling, ou=15, email=jshubert@talonlpe.com, c=US
Date: 2025.09.25 22:00:53 -05'00'

Jason R Shubert — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9/25/2025 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

WELL LOG NO. TMW-46

PROJECT: Apache - EBDU 37

CLIENT: Apache Corporation

SITE: Lea County, New Mexico

LOCATION 32.475825, -103.119373

DEPTH	MATERIAL DESCRIPTION	INSTALLATION DETAILS
5.0	**Silty-sand:** (White Page 7.5YR 8/2), cream to tan coloring, fine to very fine grained, moderate to major amount of caliche gravel, sub-angular to subrouned edges, hard, dry, no odor	Well Completion: 3.20' Protective Steel Stickup
	-Cream to orange coloring	
10.0		Cement
	-Minor to moderate amount of gravel	
15.0		
20.0	**Sandy-silt:** (White Page 7.5YR 8/2), trace amount of clay, tan to cream coloring, fine to very fine grained, trace amount of caliche gravel, dry, no odor	
	-Tan to light brown coloring, no amount of clay, trace amount of caliche gravel	
25.0		
	-(10R 6/3), trace amoune to clay, tan-light brown to orange coloring	
30.0		
	-(10R 5/6), trace to minor amount of clay, orange-red to brown coloring, no amount of caliche gravel, slightly moist	Bentonite
35.0	-(10R 5/4), orange to brown coloring	
40.0		
	-Trace amount of gravel, sub-rounded to sub-angular edges, hard	
45.0		
	-(10R 5/6), minor amount of gravel	
50.0		
	-(10R 4/6), orange-red to brown coloring, trace to moinor amount of gravel	
55.0		
	-(10R 5/6), red-orange to brown coloring, trace amount of gravel, moist	
60.0		
	-Orange-red to brown coloring	
65.0		
	-No amount of gravel	
		0.10 Slotted PVC Sand
75.0		
	-(10R 4/6)	
80.0		
	-(10R 4/4), Silty-sand, saturated	
85.0		
	-(10R 5/4)	
90.0		
	-(10R 4/4)	
96.0		
100.0	**Silty-clay:** (GLEY1 5G 8/1), light grey to green/grey coloring, very fine grained, no amount of gravel, saturated, no odor	
	-(10R 4/4), minor amount of gravel (may be from up hole)	
105.0		
	Boring Terminated at 105 Feet	

DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	OVA/PID (ppm)
5				1.5
10				1.2
15				1.3
20				0.6
25				1.0
30				0.5
35				2.8
40				1.6
45				0.7
50				2.4
55	▽			2.1
60	▽			1.4
65				0.3
70				0.1
75				1.1
80				3.6
85				0.1
90				0.1
95				1.2
100				0.4
105				0.3

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Advancement Method: Air Rotary

Abandonment Method:

Notes: PID Background - 0.0

WATER LEVEL OBSERVATIONS

▽ 55'-60' bgs while drilling

▽ 62.61' bgs after well completion

Terracon
5847 50th St
Lubbock, TX

Well Started: 08-06-2025 | Well Completed: 08-12-2025

Drill Rig: Air Rotary | Driller: Talon LPE

Project No.: AR25P108

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG GINT.GPJ TERRACON_DATATEMPLATE.GDT 9/16/25

APPENDIX C

FIELD NOTES

Calibration Log
EBDU 37 | Lea County, NM
Terracon Project No. AR25P108

Date	PID MiniRae (Midland)	Calibration Value	Locations Used	Horiba U-50 (Lubbock)	Locations Used	Horiba U-54 (Rental)	Locations Used
8/5/2025	Pass	100	TMW-41, TMW-42	NA	NA	NA	NA
8/6/2025	Pass	100	TMW-33, TMW-44, TMW-46	NA	NA	NA	NA
8/7/2025	Pass	100	TMW-45, TMW-43	NA	NA	NA	NA
8/8/2025	Pass	100	TMW-28, TMW-40, TMW-27	NA	NA	NA	NA
8/9/2025	Pass	100	TMW-37	NA	NA	NA	NA
8/10/2025	Pass	100	TMW-34, TMW-31, TMW-30, TMW-36	NA	NA	NA	NA
8/11/2025	Pass	100	SB-1, SB-2	NA	NA	Pass	TMW-41, TMW-42
8/12/2025	NA	NA	NA	Pass	TMW-11	NA	NA
8/13/2025	NA	NA	NA	Pass	TMW-28, TMW-12, TMW-2	NA	NA
8/14/2025	NA	NA	NA	Pass	TMW-27, TMW-5, TMW-4	NA	NA
8/18/2025	NA	NA	NA	Pass	TMW-9, TMW-10, TMW-3	NA	NA
8/19/2025	NA	NA	NA	Pass	TMW-44, TMW-24, TMW-16	Pass	TMW-21, TMW-43
8/20/2025	NA	NA	NA	Pass	TMW-23, TMW-7, WW, TMW-40	Pass	TMW-22, TMW-8, TMW-19, TMW-20
8/21/2025	NA	NA	NA	Pass	TMW-45, TMW-31, TMW-15	Pass	TMW-46, TMW-33, TMW-13
8/25/2025	NA	NA	NA	NA	NA	Pass	TMW-30, TMW-6, TMW-37, TMW-18
8/26/2025	NA	NA	NA	NA	NA	Pass	TMW-34, TMW-14
8/27/2025	NA	NA	NA	NA	NA	Pass	TMW-36, TMW-17, TMW-1

NA = Not Applicable

Terracon FIELD ACTIVITY LOG

Date: 08/05/25

PROJECT NAME: Apache - EBDU PROJECT NO. K8259108

Field Activity Subject: Drilling Monitoring Wells

Description of Activities and Events:

Calibrated PID, passed ✓

Arrived on location at 6:00 am. ^Met w/ drill crew. Had safety talk and signed JSA for Terracon and Talon. Arrived at TMW-41 at 0900, because we found out that the route to TMW-28 was impassable for the drill Rig. We would have to cross over a flow line and Talon will not drive the drill rig over any lines without a caliche ramp. TMW-41 well location was moved due to being too close to flow lines and electrical lines. Drilling for this well was completed around 1300. It took so long because the hole of the well kept sluffing into itself, so I had the drillers drill out the sluff until it stopped. TD @ 90', Bottom of screen @ 87' because the contact of the red beds was seen there, Tom larson wanted 50' screen, so top of screen is @ 37'. Left TMW-41 @ 1430 and arrived at TMW-42 @ 1440. Started drilling @ 1500 and completed around 1700. TD @ 90', Red bed @ 87'. Bottom of screen @ 87' with 50' of screen. Top of screen @ 37' per Tom's request. Left location by 1745 and arrived at the hotel @ 1815.

*Corrisponded with John Grams about moving well locations due to being too close to flow lines and electrical lines. Such as TMW-41 and TMW-33. They have new GPS locations. Please call me or John for those new coodrinates if you need them. We also addressed about the pathways not being big enough for the drill rig to manuver around and the areas around each well is not big enough for the drill rig. John grams is having someone come out tomorrow to address these issues. The person who is operating the back hoe, is also building caliche ramps over all the flow lines to get to a good chunk of the wells. He will also develope a map of all the lines.

SKETCH

N/A

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions: High of 104°F, Low of 76°F, Sunny, Winds of SE 22mph - 30.6mph	Important Telephone Calls: Multiple calls with John Grams, Tom Larson, Dudley Womble, and Lan Bundy
Personnel On Site: Drill crew, Tom Larson, Racheal Hill, and Stevie McDermaid. Drill crew = Talon	Visitors On Site: Barrett Bole

Jose Salas 08/05/25

Adrian Salas 08/05/25

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 08/05/25
Project #:
UPC Ticket #:
Issued by:
Project Manager:
Client: Apache
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point:	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Installing moneritoring wells	moving parts, trips, slips, falls, heat, sun	Be aware, communicate
	Utility strikes	All ✓ done

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
	08/05/25 0625
Notes:	

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Stevie McDermaid			08/05/25
Tom Larsen			8/5/25
Anthony Risien	Talon PE		8-5-25
Chuck Tausch	Talon		8/5/25
Rachael N. Hill	Rachael Hill		8/5/25
Barrett Bole		Apache	8/5/25
	Robert	Talon	8/5/25

Lais Salas Lais Salas 8-5-25

JOB SAFETY ANALYSIS

Consider the following and check the items which apply to the job, then review them with the work crew (Terracon Personnel and Subcontractor Personnel)

Permits
- ☐ Excavation / Trench ("One Call" Made)
- ☐ Cold Work
- ☐ Hot Work
- ☐ Entry Permit / Confined Space
- ☐ Line Breaking
- ☐ Signed Off When Complete
- ☐ Lock Out / Tag Out
- ☐ Other

ACCESS
- ☐ Scaffold (Properly Inspected _____)
- ☐ Ladder (Tied Off)
- ☐ Man Lift (Inspected)
- ☐ Personnel Basket (Inspected and Approved)
- ☐ Operator Training
- ☐ Other_____

Welding
- ☐ Flash burns
- ☐ Combustibles
- ☐ Spark Containment
- ☐ Shields
- ☐ Grounding
- ☐ Fire Extinguisher
- ☐ Water Hose
- ☐ Fire Blanket
- ☐ Fire Watch
- ☐ Leads routed overhead 7 ft / not in walk way
- ☐ Sewer Covers

Overhead Work
- ☐ Barricades
- ☐ Hole Cover
- ☐ Signs
- ☐ Handrail

Worksite Stretches:
- Before shift / Pre-task / End of shift
- Stretch to a point you feel a mild tension and relax as you hold the stretch.
- **Stretches should be held for 10-30 Seconds.**
- Always stretch within you comfort limits, never to the point of pain.

Hazards (Environmental)
- ☐ Electric Shock
- ☒ Heat Stress
- ☒ Heavy Objects
- ☐ Hot / Cold Surfaces or materials
- ☐ Inadequate Lighting
- ☐ Line Breaking
- ☒ Noise
- ☐ Sharp Objects
- ☒ Contaminated Soil / Groundwater
- ☐ Poor Access / Egress
- ☐ Other

Tools
- ☒ Proper Tools for the job
- ☒ Good Tool Condition
- ☒ Qualifications
- ☐ Current Inspection
- ☐ Tool Tether
- ☐ Tool Lanyards
- ☐ Other_____

Electrical
- ☐ Locked & Tagged Out
- ☐ Try Start / Stop Switch
- ☐ GFCI Test
- ☐ Assured Grounding
- ☐ Extension Cord Inspection

OTHER WORK IN AREA
- ☐ Others Working Overhead
- ☐ Type of Work Others are Performing: _____
- ☐ PPE Required because of Other Work in Area
- ☐ Other

Hazards / Body
- ☐ Fall Protection
- ☒ Pinch Points
- ☒ Slip-Trip Potential
- ☐ Other

HAZARDS / CHEMICALS
- ☐ Chemical Burns – Skin / Eyes
- ☐ Flammable
- ☐ Ingestion
- ☐ Inhalation
- ☐ Skin Contamination
- ☐ Other

CONFINED SPACE KNOW THE FOLLOWING
Possible Hazards within the Confined Space
- First Signs of Exposure
- How to Call for HELP
- How to Track Personnel
- Entering and Exiting the Confined Space
- Maintain Contact with all Entrants by Voice or Visual

Do Not Attempt to Rescue Unless you are a part of a Trained Confined Space Rescue Team.
Remain at Entry Point; Assume No Duties that will take you from there.
Signs Posted to Identify Confined Space?

Emergency Equipment
- ☒ Fire Extinguishers
- ☐ Safety Shower
- ☐ Eye Wash Station / Bottle
- ☒ Evacuation Route
- ☒ Maps to Local Hospital

LIFTS / RIGGING
- ☐ Critical Lift
- ☐ Manual Lifting (Proper Technique)
- ☐ Proper Rigging Practices
- ☐ Chain Fall, Come Along
- ☐ Inspected – In Good Condition
- ☐ Crane
- ☐ Forklift
- ☒ Drill Rig (includes Geoprobe)
- ☐ Operator Certificate
- ☐ Condition of Equipment

BARRICADES
- ☐ Tags on All Sides
- ☐ Stands Used
- ☐ 42-Inch High
- ☐ Caution / Yellow
- ☐ Danger / Red
- ☐ Taken Down at the End of Shift
- ☐ Safety Cone around Vehicle

Personal Protective Equipment (PPE)
- ☒ Hard Hat
- ☒ Safety Toe Boots / Shoes
- ☒ Nitrile Gloves
- ☐ Rubber Gloves
- ☐ Leather Gloves
- ☒ Special Purpose Gloves
- ☐ Rain Suit
- ☐ Acid Suit
- ☐ Rubber Boots
- ☐ Metatarsal Guards
- ☐ Respirator
- ☐ ½ Face
- ☐ Full Face
- ☐ Supplied Air
- ☐ Fresh Air
- ☒ Hearing Protection
- ☐ Safety Harness
- ☐ Approved Anchor Points
- ☐ Goggles
- ☐ Face Shield
- ☐ Kevlar Gloves
- ☐ Kevlar Sleeves
- ☐ Coveralls
- ☐ Safety Glasses with ANSI approved Side Shields
- ☒ Flame Retardant Clothing
- ☐ Chemical Resistant Clothing
- ☒ Other

NOTES and OTHER JOB SITE SAFETY CONDITIONS:

Terracon FIELD ACTIVITY LOG

Date: 8/6/25

PROJECT NAME: Apache EBDU 37 **PROJECT NO.** K8Z5P108

Field Activity Subject: MW Drilling

Description of Activities and Events:

- Arrived on site 5:45AM, Safety tailgate JSA, calibrated PID, passed ✓
- Started drilling 7AM
  - TMW-33 ; TD 90 ; screen 85-45 ; (7-9.30) 21 sand ; 6 bentonite
  - TMW-44 (10-2:15) TD 91 ; screen 90-50
  - cleared vegetation with skidsteer
  - rig maintenance 11:30
  - boring TD @ 91' @ 12
  - while placing screens borehole caved in, have to redrill @ 12:30
  - moisture @ 55 red bed @ 90
  - 22 bags sand 6 1/2 bags bentonite
  - Drillers taking break / paperwork until 3:30
  - TMW-46 (7:00 - 7:15) TD ; screen
    - having a hard time getting return
    - left well to recharge overnight
    - planning to set well @ 98

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions: Sunny 101 / 71	Important Telephone Calls: John Grams, Kristin Morris, Tom Larson
Personnel On Site: Talon, Terracon	Visitors On Site: Mr. Barret - Apache

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 08/06/25
Project #:
UPC Ticket #:
Issued by:
Project Manager:
Client: Apache
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point:	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Same information from 08/05/25		

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
	08/06/25 0641

Notes:

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Stevie McDermaid 08/06/25
Robert Saenz 08/05/25
Jose Salas 08/05/25
Adrian Salas 08/06/25
Luis Salas 08/06/25
Anthony Rieden 8-6-25
Rachael N. Hill 8-6-25
Chuck Tawson 8/6/25
8/6/25

JOB SAFETY ANALYSIS

Consider the following and check the items which apply to the job, then review them with the work crew (Terracon Personnel and Subcontractor Personnel)

Permits
- ☐ Excavation / Trench ("One Call" Made)
- ☐ Cold Work
- ☐ Hot Work
- ☐ Entry Permit / Confined Space
- ☐ Line Breaking
- ☐ Signed Off When Complete
- ☐ Lock Out / Tag Out
- ☐ Other

ACCESS
- ☐ Scaffold (Properly Inspected _____)
- ☐ Ladder (Tied Off)
- ☐ Man Lift (Inspected)
- ☐ Personnel Basket (Inspected and Approved)
- ☐ Operator Training
- ☐ Other_____

Welding
- ☐ Flash burns
- ☐ Combustibles
- ☐ Spark Containment
- ☐ Shields
- ☐ Grounding
- ☐ Fire Extinguisher
- ☐ Water Hose
- ☐ Fire Blanket
- ☐ Fire Watch
- ☐ Leads routed overhead 7 ft / not in walk way
- ☐ Sewer Covers

Overhead Work
- ☐ Barricades
- ☐ Hole Cover
- ☐ Signs
- ☐ Handrail

Worksite Stretches:
- Before shift / Pre-task / End of shift
- Stretch to a point you feel a mild tension and relax as you hold the stretch.
- **Stretches should be held for 10-30 Seconds.**
- Always stretch within you comfort limits, never to the point of pain.

Hazards (Environmental)
- ☐ Electric Shock
- ☒ Heat Stress
- ☒ Heavy Objects
- ☐ Hot / Cold Surfaces or materials
- ☐ Inadequate Lighting
- ☐ Line Breaking
- ☒ Noise
- ☐ Sharp Objects
- ☒ Contaminated Soil / Groundwater
- ☐ Poor Access / Egress
- ☐ Other

Tools
- ☒ Proper Tools for the job
- ☒ Good Tool Condition
- ☒ Qualifications
- ☐ Current Inspection
- ☐ Tool Tether
- ☐ Tool Lanyards
- ☐ Other_____

Electrical
- ☐ Locked & Tagged Out
- ☐ Try Start / Stop Switch
- ☐ GFCI Test
- ☐ Assured Grounding
- ☐ Extension Cord Inspection

OTHER WORK IN AREA
- ☐ Others Working Overhead
- ☐ Type of Work Others are Performing: _____
- ☐ PPE Required because of Other Work in Area
- ☐ Other

Hazards / Body
- ☐ Fall Protection
- ☒ Pinch Points
- ☒ Slip-Trip Potential
- ☐ Other

HAZARDS / CHEMICALS
- ☐ Chemical Burns – Skin / Eyes
- ☐ Flammable
- ☐ Ingestion
- ☐ Inhalation
- ☐ Skin Contamination
- ☐ Other

CONFINED SPACE KNOW THE FOLLOWING
Possible Hazards within the Confined Space
- First Signs of Exposure
- How to Call for HELP
- How to Track Personnel
- Entering and Exiting the Confined Space
- Maintain Contact with all Entrants by Voice or Visual

Do Not Attempt to Rescue Unless you are a part of a Trained Confined Space Rescue Team

Remain at Entry Point; Assume No Duties that will take you from there.

Signs Posted to Identify Confined Space?

Emergency Equipment
- ☒ Fire Extinguishers
- ☐ Safety Shower
- ☐ Eye Wash Station / Bottle
- ☒ Evacuation Route
- ☒ Maps to Local Hospital

LIFTS / RIGGING
- ☐ Critical Lift
- ☐ Manual Lifting (Proper Technique)
- ☐ Proper Rigging Practices
- ☐ Chain Fall, Come Along
- ☐ Inspected – In Good Condition
- ☐ Crane
- ☐ Forklift
- ☒ Drill Rig (includes Geoprobe)
- ☐ Operator Certificate
- ☐ Condition of Equipment

BARRICADES
- ☐ Tags on All Sides
- ☐ Stands Used
- ☐ 42-Inch High
- ☐ Caution / Yellow
- ☐ Danger / Red
- ☐ Taken Down at the End of Shift
- ☐ Safety Cone around Vehicle

Personal Protective Equipment (PPE)
- ☒ Hard Hat
- ☒ Safety Toe Boots / Shoes
- ☒ Nitrile Gloves
- ☐ Rubber Gloves
- ☐ Leather Gloves
- ☒ Special Purpose Gloves
- ☐ Rain Suit
- ☐ Acid Suit
- ☐ Rubber Boots
- ☐ Metatarsal Guards
- ☐ Respirator
- ☐ ½ Face
- ☐ Full Face
- ☐ Supplied Air
- ☐ Fresh Air
- ☒ Hearing Protection
- ☐ Safety Harness
- ☐ Approved Anchor Points
- ☐ Goggles
- ☐ Face Shield
- ☐ Kevlar Gloves
- ☐ Kevlar Sleeves
- ☐ Coveralls
- ☐ Safety Glasses with ANSI approved Side Shields
- ☒ Flame Retardant Clothing
- ☐ Chemical Resistant Clothing
- ☒ Other

NOTES and OTHER JOB SITE SAFETY CONDITIONS:

Terracon FIELD ACTIVITY LOG

Date: 8/7/25

PROJECT NAME: Apache EBDU37 **PROJECT NO.** K825P108

Field Activity Subject: MW Drilling

Description of Activities and Events:

- Arrived on site 5:45. Calibrated PID, passed ✓
- gauged TMW-41 (64.53'), TMW-42 (63.96'); TMW-33 (66.12') TMW-44 (67.71')
- TMW-46 (7:00 – 9:00) JSA safety tailgate
  TD 105, set screen at 98, 50' screen 28 sand 6 bentonite chips
- TMW-45 (10 – 1:00) restroom break rig and supplies mobilize
  TD 90 ; set screen at 90-40 ; 2le sand, 6 bentonite
- TMW-43 (1:00-3:30)
  - drill crew cleared newly approved location for MW
  - TD 85 screen 85-45 20 sand ; 10 bentonite
- Mobilize to TMW-28 for tomorrow
- Leave site 4:00

PID field Cal
99.99
0.1

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Soils from release discovered by clearing crew adjacent to SB-2 @ 9:30a, sample collected and put on ice

Weather Conditions: Sunny 98/68	Important Telephone Calls: John Grams
Personnel On Site: Talon, Terracon	Visitors On Site: Mr. Barret

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 08/07/25
Project #:
UPC Ticket #:
Issued by:
Project Manager:
Client: Apache
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately **STOP** any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point:	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Same as 08/05/25	Same as 08/05/25	Same as 08/05/25
	Seen some pigs. discussed the hazards due to pigs being aggressive.	Stay away from all pigs. Do not approch.

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
	08/07/25 0653
Notes:	

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Stevie McDermaid		08/07/25 Adrean Salas
Rachael N. Hill	Rachael Hill	8/7/25
Luis Salas	Luis Salas	8/7/25
Robby Cisneros	Robby Cisneros	8/7/25
Jose Salas		8/7/25
Anthony Ristau		8-7-25
Chuck Tausch		8/7/25
Barrett Bole		8/7/25 Apache

JOB SAFETY ANALYSIS

Consider the following and check the items which apply to the job, then review them with the work crew (Terracon Personnel and Subcontractor Personnel)

Permits
- ☐ Excavation / Trench ("One Call" Made)
- ☐ Cold Work
- ☐ Hot Work
- ☐ Entry Permit / Confined Space
- ☐ Line Breaking
- ☐ Signed Off When Complete
- ☐ Lock Out / Tag Out
- ☐ Other

ACCESS
- ☐ Scaffold (Properly Inspected _____)
- ☐ Ladder (Tied Off)
- ☐ Man Lift (Inspected)
- ☐ Personnel Basket (Inspected and Approved)
- ☐ Operator Training
- ☐ Other_____

Welding
- ☐ Flash burns
- ☐ Combustibles
- ☐ Spark Containment
- ☐ Shields
- ☐ Grounding
- ☐ Fire Extinguisher
- ☐ Water Hose
- ☐ Fire Blanket
- ☐ Fire Watch
- ☐ Leads routed overhead 7 ft / not in walk way
- ☐ Sewer Covers

Overhead Work
- ☐ Barricades
- ☐ Hole Cover
- ☐ Signs
- ☐ Handrail

Worksite Stretches:
- Before shift / Pre-task / End of shift
- Stretch to a point you feel a mild tension and relax as you hold the stretch.
- **Stretches should be held for 10-30 Seconds.**
- Always stretch within you comfort limits, never to the point of pain.

Hazards (Environmental)
- ☐ Electric Shock
- ☒ Heat Stress
- ☒ Heavy Objects
- ☐ Hot / Cold Surfaces or materials
- ☐ Inadequate Lighting
- ☐ Line Breaking
- ☒ Noise
- ☐ Sharp Objects
- ☒ Contaminated Soil / Groundwater
- ☐ Poor Access / Egress
- ☐ Other

Tools
- ☒ Proper Tools for the job
- ☒ Good Tool Condition
- ☒ Qualifications
- ☐ Current Inspection
- ☐ Tool Tether
- ☐ Tool Lanyards
- ☐ Other_____

Electrical
- ☐ Locked & Tagged Out
- ☐ Try Start / Stop Switch
- ☐ GFCI Test
- ☐ Assured Grounding
- ☐ Extension Cord Inspection

OTHER WORK IN AREA
- ☐ Others Working Overhead
- ☐ Type of Work Others are Performing: _____
- ☐ PPE Required because of Other Work in Area
- ☐ Other

Hazards / Body
- ☐ Fall Protection
- ☒ Pinch Points
- ☒ Slip-Trip Potential
- ☐ Other

HAZARDS / CHEMICALS
- ☐ Chemical Burns – Skin / Eyes
- ☐ Flammable
- ☐ Ingestion
- ☐ Inhalation
- ☐ Skin Contamination
- ☐ Other

CONFINED SPACE KNOW THE FOLLOWING
Possible Hazards within the Confined Space
- First Signs of Exposure
- How to Call for HELP
- How to Track Personnel
- Entering and Exiting the Confined Space
- Maintain Contact with all Entrants by Voice or Visual

Do Not Attempt to Rescue Unless you are a part of a Trained Confined Space Rescue Team.
Remain at Entry Point; Assume No Duties that will take you from there.
Signs Posted to Identify Confined Space?

Emergency Equipment
- ☒ Fire Extinguishers
- ☐ Safety Shower
- ☐ Eye Wash Station / Bottle
- ☒ Evacuation Route
- ☒ Maps to Local Hospital

LIFTS / RIGGING
- ☐ Critical Lift
- ☐ Manual Lifting (Proper Technique)
- ☐ Proper Rigging Practices
- ☐ Chain Fall, Come Along
- ☐ Inspected – In Good Condition
- ☐ Crane
- ☐ Forklift
- ☒ Drill Rig (includes Geoprobe)
- ☐ Operator Certificate
- ☐ Condition of Equipment

BARRICADES
- ☐ Tags on All Sides
- ☐ Stands Used
- ☐ 42-Inch High
- ☐ Caution / Yellow
- ☐ Danger / Red
- ☐ Taken Down at the End of Shift
- ☐ Safety Cone around Vehicle

Personal Protective Equipment (PPE)
- ☒ Hard Hat
- ☒ Safety Toe Boots / Shoes
- ☒ Nitrile Gloves
- ☐ Rubber Gloves
- ☐ Leather Gloves
- ☒ Special Purpose Gloves
- ☐ Rain Suit
- ☐ Acid Suit
- ☐ Rubber Boots
- ☐ Metatarsal Guards
- ☐ Respirator
- ☐ ½ Face
- ☐ Full Face
- ☐ Supplied Air
- ☐ Fresh Air
- ☒ Hearing Protection
- ☐ Safety Harness
- ☐ Approved Anchor Points
- ☐ Goggles
- ☐ Face Shield
- ☐ Kevlar Gloves
- ☐ Kevlar Sleeves
- ☐ Coveralls
- ☐ Safety Glasses with ANSI approved Side Shields
- ☒ Flame Retardant Clothing
- ☐ Chemical Resistant Clothing
- ☒ Other

NOTES and OTHER JOB SITE SAFETY CONDITIONS:

Terracon FIELD ACTIVITY LOG

Date: 8/8/25

PROJECT NAME: Apache BB DV 37 **PROJECT NO.** K825P103

Field Activity Subject: MW installation

Description of Activities and Events:

- Arrived on site 6AM. Calibrated PID, passed ✓
- gauged TMW-33 (66.14); TMW-44 (65.90); TMW-46 (62.46) TMW-45 (60.38); TMW-43 (60.34)
- TMW-28 set up, safety trailgate.
- (7:30 - 1:45) TD 90; slurried in @ 89; screen 89-39
  95 bags of sand; 7 bentonite.
  sand bags due to well caving in, created a void
  had to clean up and transfer soil from trailer to roll off
- TMW-40 (2:00 - 3:15)
  - TD 85, 40 ft screen, 19 bags of sand, 5 bentonite
- TMW-27 (3:45 - 4:00)
  - TD 90, screen 87 - 47
  22 bags of sand, 7 bentonite, ~~[illegible]~~
- left site 6:15 ish

SKETCH

PID Field Cal
99.99
0.1

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions: Sunny 100/72.	Important Telephone Calls: John Grams
Personnel On Site: Talon, Terracon	Visitors On Site: None

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 08/08/25
Project #:
UPC Ticket #:
Issued by:
Project Manager:
Client: Apache
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point:	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Same as 08/05/25	Same as 08/05/25	Same as 08/05/25
	seen some cows and bulls.	Stay clear from all cows and bulls. Do not approch.

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
	08/08/25 0654
Notes:	

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Stevie Mydermaid		08/08/25
Chuck Tausch		8/8/25
Rachael N. Hill	Rachael Hill	8/8/25
Anthony Ristow		8-8-25
Adrean Salas		8-8-25
Luis Salas		8-9-25
Robert Cruz	Robert Cruz	8-8-25

JOB SAFETY ANALYSIS

Consider the following and check the items which apply to the job, then review them with the work crew (Terracon Personnel and Subcontractor Personnel)

Permits

- ☐ Excavation / Trench ("One Call" Made)
- ☐ Cold Work
- ☐ Hot Work
- ☐ Entry Permit / Confined Space
- ☐ Line Breaking
- ☐ Signed Off When Complete
- ☐ Lock Out / Tag Out
- ☐ Other

ACCESS

- ☐ Scaffold (Properly Inspected _____)
- ☐ Ladder (Tied Off)
- ☐ Man Lift (Inspected)
- ☐ Personnel Basket (Inspected and Approved)
- ☐ Operator Training
- ☐ Other_____

Welding

- ☐ Flash burns
- ☐ Combustibles
- ☐ Spark Containment
- ☐ Shields
- ☐ Grounding
- ☐ Fire Extinguisher
- ☐ Water Hose
- ☐ Fire Blanket
- ☐ Fire Watch
- ☐ Leads routed overhead 7 ft / not in walk way
- ☐ Sewer Covers

Overhead Work

- ☐ Barricades
- ☐ Hole Cover
- ☐ Signs
- ☐ Handrail

Worksite Stretches:

- Before shift / Pre-task / End of shift
- Stretch to a point you feel a mild tension and relax as you hold the stretch.
- **Stretches should be held for 10-30 Seconds.**
- Always stretch within you comfort limits, never to the point of pain.

Hazards (Environmental)

- ☐ Electric Shock
- ☒ Heat Stress
- ☒ Heavy Objects
- ☐ Hot / Cold Surfaces or materials
- ☐ Inadequate Lighting
- ☐ Line Breaking
- ☒ Noise
- ☐ Sharp Objects
- ☒ Contaminated Soil / Groundwater
- ☐ Poor Access / Egress
- ☐ Other

Tools

- ☒ Proper Tools for the job
- ☒ Good Tool Condition
- ☒ Qualifications
- ☐ Current Inspection
- ☐ Tool Tether
- ☐ Tool Lanyards
- ☐ Other _____

Electrical

- ☐ Locked & Tagged Out
- ☐ Try Start / Stop Switch
- ☐ GFCI Test
- ☐ Assured Grounding
- ☐ Extension Cord Inspection

OTHER WORK IN AREA

- ☐ Others Working Overhead
- ☐ Type of Work Others are Performing: _____
- ☐ PPE Required because of Other Work in Area
- ☐ Other

Hazards / Body

- ☐ Fall Protection
- ☒ Pinch Points
- ☒ Slip-Trip Potential
- ☐ Other

HAZARDS / CHEMICALS

- ☐ Chemical Burns – Skin / Eyes
- ☐ Flammable
- ☐ Ingestion
- ☐ Inhalation
- ☐ Skin Contamination
- ☐ Other

CONFINED SPACE KNOW THE FOLLOWING

Possible Hazards within the Confined Space

- First Signs of Exposure
- How to Call for HELP
- How to Track Personnel
- Entering and Exiting the Confined Space
- Maintain Contact with all Entrants by Voice or Visual

Do Not Attempt to Rescue Unless you are a part of a Trained Confined Space Rescue Team.

Remain at Entry Point; Assume No Duties that will take you from there.

Signs Posted to Identify Confined Space?

Emergency Equipment

- ☒ Fire Extinguishers
- ☐ Safety Shower
- ☐ Eye Wash Station / Bottle
- ☒ Evacuation Route
- ☒ Maps to Local Hospital

LIFTS / RIGGING

- ☐ Critical Lift
- ☐ Manual Lifting (Proper Technique)
- ☐ Proper Rigging Practices
- ☐ Chain Fall, Come Along
- ☐ Inspected – In Good Condition
- ☐ Crane
- ☐ Forklift
- ☒ Drill Rig (includes Geoprobe)
- ☐ Operator Certificate
- ☐ Condition of Equipment

BARRICADES

- ☐ Tags on All Sides
- ☐ Stands Used
- ☐ 42-Inch High
- ☐ Caution / Yellow
- ☐ Danger / Red
- ☐ Taken Down at the End of Shift
- ☐ Safety Cone around Vehicle

Personal Protective Equipment (PPE)

- ☒ Hard Hat
- ☒ Safety Toe Boots / Shoes
- ☒ Nitrile Gloves
- ☐ Rubber Gloves
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- ☐ Rubber Boots
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- ☐ Respirator
- ☐ ½ Face
- ☐ Full Face
- ☐ Supplied Air
- ☐ Fresh Air
- ☒ Hearing Protection
- ☐ Safety Harness
- ☐ Approved Anchor Points
- ☐ Goggles
- ☐ Face Shield
- ☐ Kevlar Gloves
- ☐ Kevlar Sleeves
- ☐ Coveralls
- ☐ Safety Glasses with ANSI approved Side Shields
- ☒ Flame Retardant Clothing
- ☐ Chemical Resistant Clothing
- ☒ Other

NOTES and OTHER JOB SITE SAFETY CONDITIONS:

_____

_____

_____

_____

_____

_____

_____

Terracon FIELD ACTIVITY LOG

Date: 8/9

PROJECT NAME: Apache FEDW37 **PROJECT NO.** _____

Field Activity Subject: MW install

Description of Activities and Events:

TB Arrived on site w/ AM drillers 6:30-7 JSA safety talgate planning

- gauged TMW-46 (62.50); TMW-40 (61.66) TMW-45 (60.41) TMW-43 (60.33); TMW-28 (61.17); TMW-27 (61.30)

TMW-37 (8-3)

- standby for rig maintenance. Broken fuel line.
- TD @ 90'
- Redbeds @ 85'
- 40' screen, set @ 85', top of screen @ 45'
- 20 bgs of sand
- 6 bgs of hole plug / bentinite

PID Field Cal
99.97
0.1

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions:	Important Telephone Calls:
Sunny 105°/73°	John Grams
Personnel On Site:	**Visitors On Site:**
Talon, Terracon	None

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 8-09-25
Project #:
UPC Ticket #:
Issued by:
Project Manager:
Client:
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately **STOP** any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point:	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
same as 08/05/25	same as 08/05/25	

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any injuries or incidents?	Field Crew Leader: (Signature, Date, and Time) 08/09/25 0645
Notes:	

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Stevie Mermaid 08/09/25 Adrean Salas

Luis Salas Luis Salas 8/9/25

Robert Salas Robert Salas 8/9/25

Rachael N. Hill Rachael Hill 8/9/25

C. Tausch 8/9/25

Anthony Ritter 8-9-25

Jose Salas 8-9-25

8-9-25

JOB SAFETY ANALYSIS

Consider the following and check the items which apply to the job, then review them with the work crew (Terracon Personnel and Subcontractor Personnel)

Permits
- ☐ Excavation / Trench ("One Call" Made)
- ☐ Cold Work
- ☐ Hot Work
- ☐ Entry Permit / Confined Space
- ☐ Line Breaking
- ☐ Signed Off When Complete
- ☐ Lock Out / Tag Out
- ☐ Other

ACCESS
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- ☐ Ladder (Tied Off)
- ☐ Man Lift (Inspected)
- ☐ Personnel Basket (Inspected and Approved)
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- ☐ Flash burns
- ☐ Combustibles
- ☐ Spark Containment
- ☐ Shields
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Hazards (Environmental)
- ☐ Electric Shock
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- ☒ Proper Tools for the job
- ☒ Good Tool Condition
- ☐ Qualifications
- ☐ Current Inspection
- ☐ Tool Tether
- ☐ Tool Lanyards
- ☐ Other _____

Electrical
- ☐ Locked & Tagged Out
- ☐ Try Start / Stop Switch
- ☐ GFCI Test
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- ☐ Extension Cord Inspection

OTHER WORK IN AREA
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- ☐ Type of Work Others are Performing: _____
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- ☐ Other

Hazards / Body
- ☐ Fall Protection
- ☒ Pinch Points
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- ☐ Other

HAZARDS / CHEMICALS
- ☐ Chemical Burns – Skin / Eyes
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CONFINED SPACE KNOW THE FOLLOWING
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- First Signs of Exposure
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Do Not Attempt to Rescue Unless you are a part of a Trained Confined Space Rescue Team.
Remain at Entry Point; Assume No Duties that will take you from there.
Signs Posted to Identify Confined Space?

Emergency Equipment
- ☒ Fire Extinguishers
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- ☐ 42-Inch High
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- ☒ Safety Toe Boots / Shoes
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- ☐ Rubber Gloves
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- ☐ Metatarsal Guards
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- ☐ ½ Face
- ☐ Full Face
- ☐ Supplied Air
- ☐ Fresh Air
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- Before shift / Pre-task / End of shift
- Stretch to a point you feel a mild tension and relax as you hold the stretch.
- **Stretches should be held for 10-30 Seconds.**
- Always stretch within you comfort limits, never to the point of pain.

NOTES and OTHER JOB SITE SAFETY CONDITIONS:

Terracon **FIELD ACTIVITY LOG** Date: 08-20-25

PROJECT NAME: Apache EBTV 37 PROJECT NO. _____

Field Activity Subject: TMW Install

Description of Activities and Events:

Arrived on site @ 6am

~~drilles~~

6:30 drilles Safety tailgate + planning

Drilled: TMW 34 Sampled/logged

Screens @ 46'-86'

TD @ 90'

developed @ 86'

Bags of sand 25

Bags of bentonite 5

TMW 31

Screens @ ~~56'-86'~~ ~~46'-88'~~ 43'-83'

TD @ ~~86'~~ 85

Bags of

Sand 22

Bentonite 10

TMW-30

screen @ 46'-86'

TD @ 90

Bags of

Sand 31

Bentonite 6

TMW-36

Screen 46'-86

Well set @ 86

TD @ 90

Bags of sand

bentonite

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:

None

Weather Conditions: Sunny 72°-96° hot cloudy when we left	Important Telephone Calls: _____
Personnel On Site: Terracon Talon	Visitors On Site: Owner

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 08/10/25
Project #:
UPC Ticket #:
Issued by:
Project Manager:
Client: Apache
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point:	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Same as 08/05/25	Same as 08/05/25	Same as 08/05/25

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
	08/10/25 0645

Notes:

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Stevie Mcdermaid 08/10/25
Kristen Young 8/10/25
Rachael N. Hill Rachael Hill 8/10/25
Karen Silva 8-10-25
Chuck Tausch 8/10/25
Anthony Ristow 8-10-25
Robert Esquivel Jr Robert Esquivel 8-10-25
Jose Sala Tala

Miss Salas 8/10/25
Adrian Salas 8/10/25
8/10/25

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Terracon **FIELD ACTIVITY LOG** Date: 08-11-25

PROJECT NAME: Apache **PROJECT NO.** _____

Field Activity Subject: _____

Description of Activities and Events:

on site @ 6am
~~EQ~~
all on site tailgate safety meeting
gauged JSA signed
TOC
TMW - 40 - DTW 62.98 (TOC) ~~DTW~~ TD 88.65
TMW - 39 - DTW - 53.44 (TOC) TD 90.26
TMW - 31 - DTW - 62.16 TD 88.62
TMW - 30 - DTW - 62.23 TD 85.66

~~Drilled~~
Split Spoon
Sample / 10'
SB-1 TD 50'
SB-2 TD 50' Dupe 7
Dupe 8

left site @ ~~8~~ 1730

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:
none

Weather Conditions: Clear 72°F - 99°F	Important Telephone Calls: None
Personnel On Site: Terracon Talon	Visitors On Site: Apache Rep.

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JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

08-11-25

Date: ~~08-12-25~~
Project #:
UPC Ticket #:
Issued by:
Project Manager:
Client: Apache
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point:	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Same as 08/05/25	Same as 08/05/25	Same as 08/05/25

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
	08-11-25
Notes:	

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Barrett Bole - Apache

Lorenzo Silva		08-11-25
Kristian Mares		8/11/25
Adrian Salas		8/11/25
Jose Salas		8/11/25
Chuck Tausch		8/11/25
Anthony Britton		8-11-25
		8-11-25

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WATER FIELD SAMPLING SHEET

Date: 8-11-25
Weather: 80-94 partly cloudy
Sampler: Austin Worley

Terracon

Site Name: EBDU 37
Project No.: AR25P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-41	10:00	62.92	24.29	2.93	5.06	7.17	168	1000+
	10:05	62.92	23.88	2.92	4.83	7.27	162	1000+
	10:10	62.93	23.78	3.00	4.65	7.27	161	1000+
	10:15	62.94	23.71	3.05	[illegible]	7.29	163	1000+
	10:20	62.95	23.41	3.10	4.66	7.31	161	972
	10:25	62.94	23.42	3.08	4.75	7.35	161	513
	10:30	62.94	23.46	3.05	4.62	7.35	160	284
	10:35	62.96	23.49	3.01	4.41	7.36	160	194
	10:40	63.99	23.50	2.99	4.40	7.38	158	169
DUP-1	10:45	63.04	23.77	2.99	4.45	7.36	160	178

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	64.55'	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	90.72'	Well Riser	✓
Water Column		Well Cap	✓
Well Volume Cal.**		Well Cap Lock	none
Flow Rate	200	General Condition	good
Color/Odor	clear/no	**WASTE GENERATION**	
Sample Method	Low-Flow	Purged Volume	6 gal.
Inlet Depth	76'	Drum ID	
Sample Time	10:45	Drum Labeled	(Y / N)
Duplicate	11:00	Drum Location	
MS/MSD	n/a	next to well	
Comments:	needs drum cap		

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-42	12:50	63.96	27.86	3.08	4.24	7.28	163	467
	12:55	63.96	27.13	3.08	3.44	7.27	156	930
	13:00	63.97	26.97	3.08	3.10	7.30	150	1000+
	13:05	63.97	26.95	3.12	2.98	7.33	148	1000+
	13:10	63.97	26.61	3.19	3.21	7.35	147	887
	13:15	63.97	26.62	3.24	3.38	7.36	148	643
	13:20	63.98	26.63	3.33	3.55	7.37	149	412
	13:25	63.98	26.43	3.37	3.69	7.37	151	273
	13:30	63.98	26.55	3.42	4.06	7.37	153	219
	13:35	63.98	26.50	3.44	4.18	7.39	152	196
	13:40	63.98	26.43	3.48	4.26	7.40	154	179

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	63.96'	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	90.31'	Well Riser	✓
Water Column		Well Cap	✓
Well Volume Cal.**		Well Cap Lock	none
Flow Rate	140	General Condition	good
Color/Odor	slight perk/NO	**WASTE GENERATION**	
☐ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	
Inlet Depth	77'	Drum ID	
Sample Time	13:40	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	
MS/MSD	n/a	no drum	
Comments:	needs drum		

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

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Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-12-25 & 8-13-25
Weather: Sunny, High near 97 & 95
Sampler: Aaron Adams

Terracon

Site Name: Apache EBDU 37
Project No.: AR25P108

8-12-25 MW-11

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
MW-11	1203	59.69	24.47	1.54	6.87	6.51	264	485
	1208	~~2359.69~~	23.01	1.58	5.81	6.62	254	142
	1213	59.69	22.58	1.63	5.75	6.65	251	108
	1218	59.69	22.53	1.75	5.79	6.61	246	97.3
	1223	59.69	22.45	1.79	5.40	6.61	242	106
	1228	59.69	22.54	1.79	5.46	6.63	239	105
	1233	59.69	22.55	1.80	5.37	6.62	238	108
	1238							
	1243							
	1248							

PH 6.64

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	59.68	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	77.55	Well Riser	✓
Water Column	17.87	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	
Flow Rate	225	General Condition	
Color/Odor	Clear	**WASTE GENERATION**	
Sample Method	Bladder	Purged Volume	
Inlet Depth	—	Drum ID	
Sample Time	1233	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

8-13-25 TMW-28

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-28	0745	61.33	22.02	1.67	7.41	6.45	269	987
	0750	61.34	21.80	1.63	6.20	6.83	255	927
	0755	61.34	21.56	1.62	6.07	7.03	235	780
	0800	61.34	21.50	1.61	5.95	7.09	229	626
	0805	61.34	21.52	1.61	6.16	7.08	223	466
	0810	61.34	21.54	1.61	5.99	7.09	219	351
	0815	61.34	21.57	1.61	6.02	7.11	214	240
	0820	61.34	21.56	1.62	5.81	7.13	211	209
	0825	61.34	21.67	1.61	6.10	7.13	211	173
	0830	61.34	21.75	1.61	5.92	7.15	208	158

PH 7.14

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	62.35	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	92.05	Well Riser	✓
Water Column	29.70	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	No
Flow Rate	185	General Condition	
Color/Odor	None	**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	No drum
Sample Time	0830	Drum Labeled	(Y / N)
Duplicate	Dup 2	Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

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WATER FIELD SAMPLING SHEET

Date: 8-13-25
Weather: Sunny, High of 95
Sampler: Aaron Adams

Terracon

Site Name: Apache EBDU 37
Project No.: AR25P108

MW-12

8-13-25

PH 6.88

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	1115	62.19	25.63	1.78	7.86	6.94	206	372
	1120	62.19	23.62	1.80	4.05	6.86	213	217
	1125	62.19	23.70	1.84	3.72	6.87	215	175
	1130	62.20	23.73	1.86	3.53	6.88	217	121
	1135	62.20	23.17	1.88	3.64	6.87	218	85.1
	1140	62.20	23.40	1.91	3.41	6.87	218	71.9
	1145	62.20	22.81	1.92	3.34	6.86	214	68.7
	1150	62.20	23.19	1.97	3.32	6.87	209	72.2
	1155							
	1200							

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	62.19	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	81.55	Well Riser	✓
Water Column	19.36	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	broke lid
Flow Rate	200	General Condition	
Color/Odor	None	**WASTE GENERATION**	
Sample Method	Bladder	Purged Volume	
Inlet Depth	—	Drum ID	drum
Sample Time	1150	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

TMW-2

8-13-25

PH 6.94

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	1315	59.72	24.40	1.52	7.20	7.05	189	618
	1320	59.70	23.83	1.51	4.23	6.97	210	216
	1325	59.70	23.18	1.52	4.92	6.96	216	162
	1330	59.70	22.84	1.52	4.92	6.95	220	133
	1335	59.70	22.80	1.52	4.89	6.95	224	113
	1340	59.70	22.57	1.52	4.76	6.94	226	101
	1345	59.71	22.63	1.53	4.82	6.94	227	85.6
	1350	59.71	22.63	1.53	4.69	6.94	229	75.2
	1355	59.71	22.59	1.53	4.72	6.94	230	70.6
	1400	59.71	22.51	1.54	4.61	6.94	231	62.6

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	59.68	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	69.38	Well Riser	✓
Water Column	9.70	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	✓
Flow Rate	250	General Condition	
Color/Odor	None	**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth	X	Drum ID	
Sample Time	1400	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

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WATER FIELD SAMPLING SHEET

Date: 8-14-25
Weather: Sunny, High of mid 90's
Sampler: Aaron Adams

Terracon

Site Name: Apache EBDU 37
Project No.: AR25P108

8-14-25 TMW-27 (PH 6.72)

Sample ID	Time (military)	Depth to Water* (feet)	Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	0738	61.23	22.01	4.95	10.26	6.49	240	1000+
	0743	61.23	21.54	5.45	5.43	6.92	263	907
	0748	61.23	21.54	6.14	5.11	6.94	250	810
	0753	61.23	21.50	7.01	5.87	6.88	237	772
	0758	61.23	21.55	7.70	5.90	6.87	233	780
	0803	61.23	21.57	7.95	5.95	6.86	231	772
	0808	61.23	21.61	8.67	6.04	6.85	224	737
	0813	61.23	21.64	9.41	6.43	6.83	223	742
	0818	61.23	21.73	10.5	6.63	6.76	222	712
	0823	61.23	21.79	8.70	6.46	6.72	221	724

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	61.23	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	69.98	Well Riser	✓
Water Column	28.75	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	No
Flow Rate	2.50	General Condition	
Color/Odor	light brown	**WASTE GENERATION**	
Sample Method	Bladder	Purged Volume	
Inlet Depth	—	Drum ID	
Sample Time	0823	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

8-14-25 TMW-5 (PH 6.43)

Sample ID	Time (military)	Depth to Water* (feet)	Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	0934	58.30	23.06	5.63	5.37	6.61	207	74.1
	0939	58.30	21.62	6.30	4.27	6.50	209	44.5
	0944	58.32	21.47	6.59	4.17	6.49	210	39.4
	0949	58.32	21.29	6.76	4.07	6.48	212	28.2
	0954	58.32	21.31	6.97	3.89	6.47	214	22.0
	0959	58.32	21.23	7.24	3.83	6.47	216	18.1
	1004	58.32	21.19	7.41	3.74	6.45	216	13.2
	1009	58.32	21.31	7.62	3.54	6.44	218	10.2
	1014	58.32	21.38	7.85	3.37	6.43	220	8.0
	1019	58.32	21.52	8.32	3.02	6.43	223	4.9

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	58.30	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	78.45	Well Riser	✓
Water Column	20.15	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	✓
Flow Rate	2.50	General Condition	
Color/Odor	None	**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth	—	Drum ID	
Sample Time	1019	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

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Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-12-25 & 8-13-25
Weather: Sunny, High near 97 & 95
Sampler: Aaron Adams

Terracon

Site Name: Apache EBDU 37
Project No.: AR25P108

8-12-25 MW-11

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
MW-11	1203	59.69	24.47	1.54	6.87	6.51	264	485
	1208	~~2359.69~~	23.01	1.58	5.81	6.62	254	142
	1213	59.69	22.58	1.63	5.75	6.65	251	108
	1218	59.69	22.53	1.75	5.79	6.61	246	97.3
	1223	59.69	22.45	1.79	5.49	6.61	242	106
	1228	59.69	22.54	1.79	5.46	6.63	239	105
	1233	59.69	22.55	1.80	5.37	6.62	238	108
	1238							
	1243							
	1248							

PH 6.64

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	59.68	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	77.55	Well Riser	✓
Water Column	17.87	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	
Flow Rate	225	General Condition	
Color/Odor	Clear	**WASTE GENERATION**	
Sample Method	Bladder	Purged Volume	
Inlet Depth	—	Drum ID	
Sample Time	1233	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

8-13-25 TMW-28

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-28	0745	61.33	22.02	1.67	7.41	6.45	269	987
	0750	61.34	21.80	1.63	6.20	6.83	255	927
	0755	61.34	21.56	1.62	6.07	7.03	235	780
	0800	61.34	21.50	1.61	5.95	7.09	229	626
	0805	61.34	21.52	1.61	6.16	7.08	223	466
	0810	61.34	21.54	1.61	5.99	7.09	219	351
	0815	61.34	21.57	1.61	6.02	7.11	214	240
	0820	61.34	21.56	1.62	5.81	7.13	211	209
	0825	61.34	21.67	1.61	6.10	7.13	211	173
	0830	61.34	21.75	1.61	5.92	7.15	208	158

PH 7.14

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	62.35	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	92.05	Well Riser	✓
Water Column	29.70	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	No
Flow Rate	185	General Condition	
Color/Odor	None	**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	No drum
Sample Time	0830	Drum Labeled	(Y / N)
Duplicate	Dup 2	Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-13-25
Weather: Sunny, High of 95
Sampler: Aaron Adams

Terracon

Site Name: Apache EBDU 37
Project No.: AR25P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
MW-12	1115	62.19	25.63	1.78	7.86	6.94	206	372
	1120	62.19	23.62	1.80	4.05	6.86	213	217
	1125	62.19	23.70	1.84	3.72	6.87	215	175
	1130	62.20	23.73	1.86	3.53	6.88	217	121
	1135	62.20	23.17	1.88	3.64	6.87	218	85.1
	1140	62.20	23.40	1.91	3.41	6.87	218	71.9
	1145	62.20	22.81	1.92	3.34	6.86	214	68.7
	1150	62.20	23.19	1.97	3.32	6.87	209	72.2
	1155							
	1200							

8-13-25
PH 6.88

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	62.19	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	81.55	Well Riser	✓
Water Column	19.36	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	broke lid
Flow Rate	200	General Condition	
Color/Odor	None	**WASTE GENERATION**	
Sample Method	Bladder	Purged Volume	
Inlet Depth	—	Drum ID	drum
Sample Time	1150	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-2	1315	59.72	24.40	1.52	7.20	7.05	189	618
	1320	59.70	23.83	1.51	4.23	6.97	210	216
	1325	59.70	23.18	1.52	4.92	6.96	216	162
	1330	59.70	22.84	1.52	4.92	6.95	220	133
	1335	59.70	22.80	1.52	4.89	6.95	224	113
	1340	59.70	22.57	1.52	4.76	6.94	226	101
	1345	59.71	22.63	1.53	4.82	6.94	227	85.6
	1350	59.71	22.63	1.53	4.69	6.94	229	75.2
	1355	59.71	22.59	1.53	4.72	6.94	230	70.6
	1400	59.71	22.51	1.54	4.61	6.94	231	62.6

8-13-25
PH 6.94

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	59.68	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	69.38	Well Riser	✓
Water Column	9.70	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	✓
Flow Rate	250	General Condition	
Color/Odor	None	**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth	X	Drum ID	
Sample Time	1400	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-14-25
Weather: Sunny, High of mid 90's
Sampler: Aaron Adams

Terracon

Site Name: Apache EBDU 37
Project No.: AR25P108

8-14-25 TMW-27 (PH 6.72)

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	0738	61.23	22.01	4.95	10.26	6.49	240	1000+
	0743	61.23	21.54	5.45	5.43	6.92	263	907
	0748	61.23	21.54	6.14	5.11	6.94	250	810
	0753	61.23	21.50	7.01	5.87	6.88	237	772
	0758	61.23	21.55	7.70	5.90	6.87	233	780
	0803	61.23	21.57	7.95	5.95	6.86	231	772
	0808	61.23	21.61	8.67	6.04	6.85	224	737
	0813	61.23	21.64	9.41	6.43	6.83	223	742
	0818	61.23	21.73	10.5	6.63	6.76	222	712
	0823	61.23	21.79	8.70	6.46	6.72	221	724

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	61.23	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	89.98	Well Riser	✓
Water Column	28.75	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	No
Flow Rate	2.50	General Condition	
Color/Odor	light brown	**WASTE GENERATION**	
Sample Method	Bladder	Purged Volume	
Inlet Depth	—	Drum ID	
Sample Time	0823	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

8-14-25 TMW-5 (PH 6.43)

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	0934	58.30	23.06	5.63	5.37	6.61	207	74.1
	0939	58.30	21.62	6.30	4.27	6.50	209	44.5
	0944	58.32	21.47	6.59	4.17	6.49	210	39.4
	0949	58.32	21.29	6.76	4.07	6.48	212	28.2
	0954	58.32	21.31	6.97	3.89	6.47	214	22.0
	0959	58.32	21.23	7.24	3.83	6.47	216	18.1
	1004	58.32	21.19	7.41	3.74	6.45	216	13.2
	1009	58.32	21.31	7.62	3.54	6.44	218	10.2
	1014	58.32	21.38	7.85	3.37	6.43	220	8.0
	1019	58.32	21.52	8.32	3.02	6.43	223	4.9

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	58.30	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	78.45	Well Riser	✓
Water Column	20.15	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	✓
Flow Rate	2.50	General Condition	
Color/Odor	None	**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth	—	Drum ID	
Sample Time	1019	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

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Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-14-25
Weather: Sunny, High of mid 90's
Sampler: Aaron Adams

Terracon

Site Name: Apache EBDU 37
Project No.: AR25P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 4	1126	59.07	25.79	2.82	9.36	6.99	192	796
	1131	59.07	25.01	2.68	3.50	7.08	194	505
	1136	59.06	24.33	2.69	3.62	7.09	198	319
	1141	59.07	24.5	2.69	3.31	7.09	201	185
	1146	59.07	24.30	2.69	3.45	7.09	202	186
	1151	59.07	24.17	2.68	3.37	7.08	203	162
	1156	59.07	24.05	2.69	3.23	7.06	205	113
	1201	59.07	23.99	2.69	3.27	7.04	207	79.8
	1206	59.07	24.06	2.70	3.19	7.02	210	47.6
	1211	59.04	24.04	2.70	3.22	7.02	211	36.9

8-14-25 PH 7.02

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2	Concrete Pad	✓
Depth to Water (ft)	59.07	Manhole Cover	—
Depth to Product (ft)	—	Cover Bolts	—
Total Well Depth (ft)	71.37	Well Riser	✓
Water Column	12.30	Well Cap	✓
Well Volume Cal.**	—	Well Cap Lock	✓
Flow Rate	250	General Condition	
Color/Odor	None	**WASTE GENERATION**	
Sample Method	Low flow bladder	Purged Volume	
Inlet Depth	—	Drum ID	
Sample Time	1211	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD			
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
Recommended Stabilization Values			N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	
Depth to Water (ft)		Manhole Cover	
Depth to Product (ft)		Cover Bolts	
Total Well Depth (ft)		Well Riser	
Water Column		Well Cap	
Well Volume Cal.**		Well Cap Lock	
Flow Rate		General Condition	
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	
Sample Time		Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Terracon FIELD ACTIVITY LOG

Date: 09/18/25

PROJECT NAME: _____ PROJECT NO. [illegible]

Field Activity Subject: GW Sampling

Description of Activities and Events:

@0730 on site w/ Austin, Tailgate & meet w/ surveyors Jess & Mike

@ 0820: TMW-09 : DTW: 54.30
TD: 71.83
Sample @ 1000am

@1120: TMW-10 : DTW = 54.90
TD = 72.28
Sample @ 1215

@1245 move to TMW-03 : DTW = 59.41
TD: 67.35
sample @ 1345

left site @ 1400

Calibration: pass

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions: Clear 70° - 93°	Important Telephone Calls:
Personnel On Site: Emily, Sarah, Austin, Land Point Survey	Visitors On Site:

WATER FIELD SAMPLING SHEET

Date: 08/18/25
Weather: clear 75° - 93°
Sampler: Emily & Sarah

Terracon

Site Name: [redacted]
Project No.: AR[redacted]P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS					
			Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 09	0905	53.50	25.67	0.951	7.52	7.19	170	700
	0918	53.60	26.66	1.10	6.94	7.30	171	543
	[redacted]		26.96	1.14	6.80	7.34	169	440
	[redacted]							
0928	0928	53.65	26.65	1.14	6.79	7.18	179	445
	0933		27.53	1.19	6.55	7.32	171	385
	0938	53.67	26.71	1.18	7.12	7.21	174	399

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	54.30	Manhole Cover	N/A
Depth to Product (ft)	N/A	Cover Bolts	N/A
Total Well Depth (ft)	71.83	Well Riser	✓
Water Column		Well Cap	✓
Well Volume Cal.**		Well Cap Lock	✓
Flow Rate	150ml/min	General Condition	good
Color/Odor	clear	**WASTE GENERATION**	
☐ Peristaltic ☑ Bladder ☐ Bailer		Purged Volume	~3gal
Inlet Depth		Drum ID	
Sample Time	1000	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS					
			Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 10	1137	54.91	26.89	0.870	6.46	7.11	158	176
	1142		27.03	0.806	6.91	7.02	170	156
	1147	54.94	26.88	0.816	6.34	7.08	165	212
	1152		25.90	0.888	6.22	7.10	165	130
	1157	54.95	25.59	0.912	6.32	7.34	152	956

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	~~2.58~~ 2"	Concrete Pad	✓
Depth to Water (ft)	54.90	Manhole Cover	N/A
Depth to Product (ft)	N/A	Cover Bolts	N/A
Total Well Depth (ft)	72.28	Well Riser	✓
Water Column		Well Cap	✓
Well Volume Cal.**		Well Cap Lock	✓
Flow Rate	225-ml/min	General Condition	good
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☑ Bladder ☐ Bailer		Purged Volume	~3gal
Inlet Depth	~~1215~~	Drum ID	
Sample Time	1215	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: 8/18/25
Weather:
Sampler:

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-03	1316	59.47	28.37	0.883	4.42	7.13	181	>1000
	1321		27.77	1.45	5.07	7.16	181	>1000
	1326	59.49	26.09	1.48	4.98	7.29	176	>1000
	1331		26.64	1.50	4.86	7.29	177	>1000
	1336	59.45	26.94	1.50	4.72	7.38	173	>1000
Recommended Stabilization Values			N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	~~4~~ 2	Concrete Pad	✓
Depth to Water (ft)	59.41	Manhole Cover	N/A
Depth to Product (ft)		Cover Bolts	N/A
Total Well Depth (ft)	67.35	Well Riser	✓
Water Column		Well Cap	✓
Well Volume Cal.**		Well Cap Lock	✓
Flow Rate	150-1/min	General Condition	good
Color/Odor	cloudy	**WASTE GENERATION**	
☐ Peristaltic ☑ Bladder ☐ Bailer		Purged Volume	~3 gal
Inlet Depth		Drum ID	
Sample Time	1345	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	
Depth to Water (ft)		Manhole Cover	
Depth to Product (ft)		Cover Bolts	
Total Well Depth (ft)		Well Riser	
Water Column		Well Cap	
Well Volume Cal.**		Well Cap Lock	
Flow Rate		General Condition	
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	
Sample Time		Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Terracon

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 08/18/25
Project #: AP2P108
UPC Ticket #:
Issued by:
Project Manager:
Client:
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower: No	I have been given authorization without fear of reprimand or retaliation, to immediately **STOP** any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction: North	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point: Main gate	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Groundwater sampling	Biological, Truck backing	spotters, proper PPE

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
NO	8/18/25 0938

Notes:

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Terracon FIELD ACTIVITY LOG

Date: 8/19/25

PROJECT NAME: _____ PROJECT NO. AR25P108

Field Activity Subject: GW sampling

Description of Activities and Events:

On Site @ 0745

TMW-44 : DTW = 65.95
TD = 98.66
Sample @ 0940

TMW-21 : DTW = 67.81
TD = 73.93
Sample @ 1115

TMW-24 : DTW = 55.97
TD = 63.30
Sample @ 1145

TMW-43 : DTW = 60.42
TD = 88.25
Sample @ 1330

TMW-~~43~~16 : DTW = 60.81
TD = 85.82
Sample @ 1320

SKETCH

Note: TMW-01 surrounded by water, will try to sample tomorrow or thursday.

left site @ 1430 due to rain coming ~~and~~ / thunderstorms

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions:	Important Telephone Calls:
clear 70°-90° rain @ ~~2~~ 1430	
Personnel On Site: emily & sarah & Daniel	Visitors On Site:

WATER FIELD SAMPLING SHEET

Date: 8/19/25
Weather: clear 70°-90°
Sampler: EK

Terracon

Site Name:
Project No.: AR25P08

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-21	1050	68.10	25.32	1.27	6.71	7.06	247	587
	1055		24.83	1.28	5.22	7.12	~~250~~	320
	~~1100~~	~~68.25~~	24.27	1.28	5.35	7.12	240	273
	1105		24.04	1.28	5.09	7.14	236	170
	1110	68.40	24.10	1.27	5.00	7.15	234	106

COLLECTION INFORMATION

Well Diameter (in)	2"
Depth to Water (ft)	67.81
Depth to Product (ft)	
Total Well Depth (ft)	73.93
Water Column	
Well Volume Cal.**	
Flow Rate	100 ml/min
Color/Odor	cloudy/clear
☐ Peristaltic ☑ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	1115
Duplicate	
MS/MSD	
Comments:	

WELL CONDITION

Concrete Pad	✓
Manhole Cover	—
Cover Bolts	—
Well Riser	✓
Well Cap	✓
Well Cap Lock	✓
General Condition	good

WASTE GENERATION

Purged Volume	~2 gal
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-43	1304	60.45	21.78	1.11	4.68	7.22	185	342
	1309	60.45	21.01	1.19	5.11	7.06	200	254
	1314	60.45	23.38	1.28	4.71	7.03	205	205
	1319		22.96	1.49	4.66	6.96	210	111
	1324		22.43	1.74	5.21	6.91	214	105

COLLECTION INFORMATION

Well Diameter (in)	2"
Depth to Water (ft)	60.42
Depth to Product (ft)	
Total Well Depth (ft)	88.25
Water Column	
Well Volume Cal.**	
Flow Rate	
Color/Odor	clear
☐ Peristaltic ☑ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	1330
Duplicate	
MS/MSD	
Comments:	

WELL CONDITION

Concrete Pad	✓
Manhole Cover	—
Cover Bolts	—
Well Riser	✓
Well Cap	✓
Well Cap Lock	✓
General Condition	good

WASTE GENERATION

Purged Volume	~2 gal
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: 8/19/25
Weather: Mostly Sunny
Sampler: SB

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-44	0905	65.98	23.61	1.16	9.59	6.39	214	1000
	0910	61.88	23.56	1.16	6.18	6.98	193	1000
	0915	65.89	23.55	1.16	6.09	7.27	183	1000
	0920	65.99	23.58	1.16	6.02	7.40	178	915
	0925	65.99	23.64	1.14	5.90	7.55	170	770
	0930	60.57	23.81	1.16	5.88	7.70	163	700

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	Y
Depth to Water (ft)	65.95	Manhole Cover	N/A
Depth to Product (ft)		Cover Bolts	N/A
Total Well Depth (ft)	98.66	Well Riser	Y
Water Column		Well Cap	Y
Well Volume Cal.**		Well Cap Lock	N
Flow Rate	150	General Condition	good
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	1.5g
Inlet Depth		Drum ID	
Sample Time	0940	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	NO DRUM
MS/MSD	—		
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-24	1130	60.43	26.26	1.64	4.42	7.45	171	110
	1135	60.57	25.77	1.62	3.79	7.41	162	40.8
	1140	60.71	25.56	1.62	3.61	7.40	159	24.9

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	
Depth to Water (ft)	55.97	Manhole Cover	
Depth to Product (ft)		Cover Bolts	
Total Well Depth (ft)	63.30	Well Riser	
Water Column		Well Cap	
Well Volume Cal.**		Well Cap Lock	
Flow Rate	150	General Condition	
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	1.5
Inlet Depth		Drum ID	
Sample Time	1145	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: Sampled 8/19/25 based on COC
Weather:
Sampler:

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS						COLLECTION INFORMATION		WELL CONDITION	
			Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)				
	1305	58.91	28.97	225	4.62	7.24	177	534	Well Diameter (in)		Concrete Pad	
	1310	58.99	27.35	2.56	4.03	7.18	162	413	Depth to Water (ft)	60.81	Manhole Cover	
	1315		26.81	2.62	3.82	7.14	159	289	Depth to Product (ft)		Cover Bolts	
									Total Well Depth (ft)	85.82	Well Riser	
									Water Column		Well Cap	
									Well Volume Cal.**		Well Cap Lock	
									Flow Rate		General Condition	
									Color/Odor		WASTE GENERATION	
TMW 16									☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
									Inlet Depth		Drum ID	
									Sample Time	1320	Drum Labeled	(Y / N)
									Duplicate		Drum Location	
									MS/MSD			
									Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS						COLLECTION INFORMATION		WELL CONDITION	
			Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)				
									Well Diameter (in)		Concrete Pad	
									Depth to Water (ft)		Manhole Cover	
									Depth to Product (ft)		Cover Bolts	
									Total Well Depth (ft)		Well Riser	
									Water Column		Well Cap	
									Well Volume Cal.**		Well Cap Lock	
									Flow Rate		General Condition	
									Color/Odor		WASTE GENERATION	
									☐ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	
									Inlet Depth		Drum ID	
									Sample Time		Drum Labeled	(Y / N)
									Duplicate		Drum Location	
									MS/MSD			
									Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Terracon

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 8/19/25
Project #: AR25P108
UPC Ticket #:
Issued by:
Project Manager:
Client:
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction: NW	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point: main gate	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Groundwater Sampling	Biological, motion	360° check

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
No	8/19/25

Notes:

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Terracon

FIELD ACTIVITY LOG

Date: 8-20-25

PROJECT NAME: _____ PROJECT NO. AR-25108

Field Activity Subject: GW Sampling

Description of Activities and Events:

On Site @ 0730

TMW-19: DTW = 61.60
TD = 83.31
Sample @ 0915

TMW-23: DTW = 62.05
TD = 72.48
Sample @ 0940

TMW-20: DTW = 65.86
TD = 77.81
Sample @ 1120

Windmill well: ~~DTW~~ sample @ 1040

TMW-40: DTW = 61.63
TD = 88.65
Sample @ 1150

TMW-22: DTW = 69.32
TD = 72.83
Sample @ 1245

TMW-08: DTW = 54.00
TD = 75.50
Sample @ 1415

TMW-07: DTW = 61.44
TD = 84.03
Sample @ 1420

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions: clear	Important Telephone Calls:
Personnel On Site: Emily & Sarah	Visitors On Site:

WATER FIELD SAMPLING SHEET

Date: 8.20.25
Weather: Mostly cloudy
Sampler: SB

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 23	0920	62.11	24.85	3.24	4.09	6.84	171	308
	0925	62.11	24.70	3.42	3.55	6.96	153	182
	0930	62.11	24.95	3.35	3.89	6.99	144	126

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	—
Depth to Water (ft)	62.05	Manhole Cover	—
Depth to Product (ft)		Cover Bolts	—
Total Well Depth (ft)	72.48	Well Riser	Y
Water Column		Well Cap	Y
Well Volume Cal.**		Well Cap Lock	N
Flow Rate		General Condition	Good
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	
Sample Time	0940	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 7	1400	61.44	27.62	3.45	2.03	7.40	127	48.5
	1405	61.44	27.15	3.46	1.31	7.40	123	44.5
	1410	61.44	27.11	3.47	1.10	7.39	123	33.7

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	Y
Depth to Water (ft)	61.44	Manhole Cover	—
Depth to Product (ft)		Cover Bolts	—
Total Well Depth (ft)	84.03	Well Riser	Y
Water Column		Well Cap	Y
Well Volume Cal.**		Well Cap Lock	Y
Flow Rate		General Condition	Good
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	
Sample Time	1420	Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: 7.20.25
Weather:
Sampler: SB

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
Windmill well	1035	N/A	25.46	2.05	7.92	7.18	173	9.2

COLLECTION INFORMATION

Well Diameter (in)
Depth to Water (ft)
Depth to Product (ft)
Total Well Depth (ft)
Water Column
Well Volume Cal.**
Flow Rate
Color/Odor
☐ Peristaltic ☐ Bladder ☐ Bailer
Inlet Depth
Sample Time: 1040
Duplicate
MS/MSD
Comments:

WELL CONDITION

Concrete Pad —
Manhole Cover —
Cover Bolts —
Well Riser —
Well Cap —
Well Cap Lock —
General Condition ✓

WASTE GENERATION

Purged Volume
Drum ID
Drum Labeled (Y / N)
Drum Location

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 40	1135	61.65	28.88	1.87	5.87	7.01	183	>1000
	1140	61.65	28.13	1.88	4.82	7.02	179	1000
	1143	61.65	27.80	1.91	4.56	7.05	172	1000
Recommended Stabilization Values		N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***	

COLLECTION INFORMATION

Well Diameter (in)
Depth to Water (ft): 61.63
Depth to Product (ft)
Total Well Depth (ft): 88.65
Water Column
Well Volume Cal.**
Flow Rate
Color/Odor
☐ Peristaltic ☐ Bladder ☐ Bailer
Inlet Depth
Sample Time: 1150
Duplicate
MS/MSD
Comments:

WELL CONDITION

Concrete Pad ✓
Manhole Cover —
Cover Bolts —
Well Riser ✓
Well Cap ✓
Well Cap Lock ✓
General Condition ✓

WASTE GENERATION

Purged Volume ~2 gal
Drum ID
Drum Labeled (Y / N)
Drum Location

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: 8-20-25
Weather:
Sampler: Emily

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-22	1218	69.42	30.45	1.31	5.86	7.34	200	>100
	1223	69.57	28.02	1.31	5.09	7.19	214	761
	1228	69.56	27.43	1.31	5.01	7.15	223	441
	1233	69.56	26.60	1.32	4.90	7.14	227	277
TMW-04	1348	56.05	29.78	2.08	5.50	7.03	225	777
	1353	56.09	29.82	2.09	3.65	7.00	232	635
	1358	56.02	30.05	2.10	3.21	6.99	235	685
	1403	56.02	31.35	2.11	3.71	7.01	237	456
Recommended Stabilization Values			N/A	± 3%	± 0.3 mg/l	' ± 0.1	± 10 mv	± 10%***

COLLECTION INFORMATION	TMW-22	TMW-04
Well Diameter (in)		
Depth to Water (ft)	69.32	54.00
Depth to Product (ft)		
Total Well Depth (ft)	72.83	75.50
Water Column		
Well Volume Cal.**		
Flow Rate	200	150 mL/min
Color/Odor		
☐ Peristaltic ☑ Bladder ☐ Bailer		
Inlet Depth		
Sample Time	1245	1415
Duplicate		
MS/MSD		
Comments:		

WELL CONDITION	TMW-22	TMW-04
Concrete Pad	✓	✓
Manhole Cover	—	—
Cover Bolts	—	—
Well Riser	✓	✓
Well Cap	✓	✓
Well Cap Lock	✓	✓
General Condition	✓	✓
WASTE GENERATION		
Purged Volume	~2 gal	~2 gal
Drum ID		
Drum Labeled (Y / N)		
Drum Location		

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: 8-20-25
Weather: clear 70°-88°
Sampler: Emily

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-19	0839	61.61	23.31	1.74	7.41	6.70	292	271
	0844	61.61	22.47	1.96	4.99	7.02	270	139
	0849	61.61	22.46	2.04	4.82	7.05	266	118
	0854		22.62	2.21	4.78	7.05	261	95.1
	0859		22.65	2.29	4.64	7.04	258	86.2

COLLECTION INFORMATION

Well Diameter (in)	2
Depth to Water (ft)	61.60
Depth to Product (ft)	
Total Well Depth (ft)	83.31
Water Column	
Well Volume Cal.**	
Flow Rate	250 ml/min
Color/Odor	clear
☐ Peristaltic ☑ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	0915
Duplicate	
MS/MSD	
Comments:	

WELL CONDITION

Concrete Pad	✓
Manhole Cover	—
Cover Bolts	—
Well Riser	✓
Well Cap	✓
Well Cap Lock	✓
General Condition	✓

WASTE GENERATION

Purged Volume	~3 gal
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-20	1040	65.85	27.30	1.52	5.35	7.23	190	715
	1045	65.85	26.66	1.45	4.49	7.06	215	539
	1050	65.83	25.23	1.44	4.27	7.03	223	521
	1055	65.83	25.26	1.44	4.18	7.01	228	465
	1100	65.83	25.81	1.44	4.20	7.02	225	436
Recommended Stabilization Values			N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

COLLECTION INFORMATION

Well Diameter (in)	
Depth to Water (ft)	65.86
Depth to Product (ft)	
Total Well Depth (ft)	77.81
Water Column	
Well Volume Cal.**	
Flow Rate	200 ml/min
Color/Odor	clear
☐ Peristaltic ☑ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	1120
Duplicate	
MS/MSD	
Comments:	

WELL CONDITION

Concrete Pad	✓
Manhole Cover	—
Cover Bolts	—
Well Riser	✓
Well Cap	✓
Well Cap Lock	✓
General Condition	✓

WASTE GENERATION

Purged Volume	~2.5
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Terracon

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 8.20.25
Project #: AR2P104
UPC Ticket #:
Issued by:
Project Manager:
Client:
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower:	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction:	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point: main gate	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
GW sampling	biological, mot. a	360° check

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents? N	Field Crew Leader: (Signature, Date, and Time) 8.20.25
Notes:	

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Terracon

FIELD ACTIVITY LOG

Date: 8.21.25

PROJECT NAME: _____ PROJECT NO. AR25P108

Field Activity Subject: GW sampling

Description of Activities and Events:

On Site @ 0730

TMW-45 : DTW = 60.42
TD = 94.23
Sample @ 0850
Dup-02

TMW-46 : DTW = 62.65
TD = 98.29
Sample @ 0900
Dup-01

TMW-33 : DTW = 66.15
TD = 89.80
Sample @ 1120
Dup-03

TMW-31 : DTW = 62.26
TD = 88.67
Sample @ 1120
Dup-04

TMW-13 : DTW = 64.31
TD = 87.45
Sample @ 1320

TMW-15 : DTW = 62.27
TD = 80.16
Sample @ 1310

SKETCH

Changes from Plans & Specification, and Other Special Orders Important Decisions:

Weather Conditions: Clear / Clouds	Important Telephone Calls:
Personnel On Site: Emily & Sarah	Visitors On Site:

Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8/21/25
Weather: Clear 70°-88°
Sampler: EK

Terracon

Site Name: ARS1068
Project No.:

TMW-46

Sample ID	Time (military)	Depth to Water* (feet)	Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	0832	62.68	24.67	1.76	9.27	6.70	283	>1000
	0837	62.70	24.40	1.86	8.64	6.85	273	>1000
	0842	62.70	24.20	1.92	8.12	7.06	255	>1000
	0847	62.70	24.09	1.92	8.10	7.07	253	>1000

COLLECTION INFORMATION

Well Diameter (in)	2"
Depth to Water (ft)	62.65
Depth to Product (ft)	
Total Well Depth (ft)	98.29
Water Column	
Well Volume Cal.**	
Flow Rate	200 ml/min
Color/Odor	Clear
☐ Peristaltic ☑ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	0900
Duplicate	[redacted]
MS/MSD	
Comments:	DUP-01 @ 0920

WELL CONDITION

Concrete Pad	✓
Manhole Cover	—
Cover Bolts	—
Well Riser	✓
Well Cap	✓
Well Cap Lock	✓
General Condition	✓

WASTE GENERATION

Purged Volume	~2 gal
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

TMW-33

Sample ID	Time (military)	Depth to Water* (feet)	Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	1045	106.20	26.32	6.36	11.35	6.94	219	974
	1050	106.20	25.43	7.06	9.98	6.91	226	882
	1055	106.20	25.47	7.17	9.87	6.90	229	780
	1100		25.30	7.14	9.72	6.90	230	777

COLLECTION INFORMATION

Well Diameter (in)	2"
Depth to Water (ft)	106.15
Depth to Product (ft)	
Total Well Depth (ft)	89.80
Water Column	
Well Volume Cal.**	
Flow Rate	200
Color/Odor	clear
☐ Peristaltic ☑ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	1120
Duplicate	
MS/MSD	
Comments:	Dup-03 @ 1130

WELL CONDITION

Concrete Pad	✓
Manhole Cover	—
Cover Bolts	—
Well Riser	✓
Well Cap	✓
Well Cap Lock	✓
General Condition	✓

WASTE GENERATION

Purged Volume	2 gal
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Released to Imaging: 3/12/2026 2:34:23 PM

WATER FIELD SAMPLING SHEET

Date: 8/21/25
Weather: Clear | Sunny
Sampler: SB

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 45	0830	60.44	24.87	4.20	6.61	7.03	148	1000
	0835	60.47	25.18	4.25	6.38	7.21	146	1000
	0840		25.25	4.29	6.10	7.28	146	1000

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	—
Depth to Water (ft)	60.42	Manhole Cover	—
Depth to Product (ft)		Cover Bolts	—
Total Well Depth (ft)	94.23	Well Riser	Y
Water Column		Well Cap	Y
Well Volume Cal.**		Well Cap Lock	N
Flow Rate	150	General Condition	good
Color/Odor		**WASTE GENERATION**	
Sample Method	0850	Purged Volume	1 gal
Inlet Depth		Drum ID	N/A
Sample Time		Drum Labeled	(Y / N)
Duplicate 02	✓	Drum Location	N/A
MS/MSD	—		
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 31	1055	62.15	27.56	1.32	5.86	7.26	186	1000
	1100	62.16	27.15	1.42	5.67	7.17	186	1000
	1105	62.18	27.05	1.70	5.78	7.17	184	746
	1110	62.18	26.86	2.12	5.40	7.23	178	426
	1115	62.16	27.08	2.41	5.43	7.17	179	426

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2.26	Concrete Pad	—
Depth to Water (ft)	~~45.46~~	Manhole Cover	—
Depth to Product (ft)		Cover Bolts	—
Total Well Depth (ft)	88.67	Well Riser	Y
Water Column		Well Cap	Y
Well Volume Cal.**		Well Cap Lock	N
Flow Rate	150	General Condition	good
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☒ Bladder ☐ Bailer		Purged Volume	1 gal
Inlet Depth		Drum ID	
Sample Time	1120	Drum Labeled	(Y / N)
Duplicate 04	✓	Drum Location	
MS/MSD	—		
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: 8.21.25
Weather:
Sampler: EK

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-13	1255	64.23	27.32	4.97	3.59	6.96	177	>1000
	1300	64.25	27.13	4.97	3.25	6.95	178	>1000
	1305	64.25	25.83	4.99	2.53	6.91	183	>1000
	1310	64.25	25.09	5.03	2.56	6.88	189	739

COLLECTION INFORMATION

Well Diameter (in)	2"
Depth to Water (ft)	64.31
Depth to Product (ft)	
Total Well Depth (ft)	67.45
Water Column	
Well Volume Cal.**	
Flow Rate	200
Color/Odor	clear
☐ Peristaltic ☐ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	1320
Duplicate	
MS/MSD	
Comments:	

WELL CONDITION

Concrete Pad	✓
Manhole Cover	—
Cover Bolts	—
Well Riser	✓
Well Cap	✓
Well Cap Lock	✓
General Condition	✓

WASTE GENERATION

Purged Volume	2 gal
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (µS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
Recommended Stabilization Values			N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

COLLECTION INFORMATION

Well Diameter (in)	
Depth to Water (ft)	
Depth to Product (ft)	
Total Well Depth (ft)	
Water Column	
Well Volume Cal.**	
Flow Rate	
Color/Odor	
☐ Peristaltic ☐ Bladder ☐ Bailer	
Inlet Depth	
Sample Time	
Duplicate	
MS/MSD	
Comments:	

WELL CONDITION

Concrete Pad	
Manhole Cover	
Cover Bolts	
Well Riser	
Well Cap	
Well Cap Lock	
General Condition	

WASTE GENERATION

Purged Volume	
Drum ID	
Drum Labeled	(Y / N)
Drum Location	

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

WATER FIELD SAMPLING SHEET

Date: 8-21-25
Weather: Cloudy
Sampler: SB

Terracon

Site Name:
Project No.:

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW 15	1245	62.31	27.22	6.03	5.80	7.22	158	1000
	1250	62.32	27.10	5.38	4.42	7.13	161	536
	1255	62.29	26.75	5.39	4.23	7.17	159	330
	1300	62.33	25.90	5.69	4.33	7.13	161	266

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	—
Depth to Water (ft)	62.27	Manhole Cover	—
Depth to Product (ft)		Cover Bolts	—
Total Well Depth (ft)	80.16	Well Riser	Y
Water Column		Well Cap	Y
Well Volume Cal.**		Well Cap Lock	Y
Flow Rate	150	General Condition	good
Color/Odor		**WASTE GENERATION**	
Sample Method	bladder	Purged Volume	
Inlet Depth		Drum ID	
Sample Time	1310	Drum Labeled	(Y / N)
Duplicate	—	Drum Location	
MS/MSD	—		
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	
Depth to Water (ft)		Manhole Cover	
Depth to Product (ft)		Cover Bolts	
Total Well Depth (ft)		Well Riser	
Water Column		Well Cap	
Well Volume Cal.**		Well Cap Lock	
Flow Rate		General Condition	
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	
Sample Time		Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Terracon

JOB SAFETY ANALYSIS

THE JOB SAFETY ANALYSIS WORKSHEET AND CHECKLIST ON BACK OF PAGE MUST BE COMPLETED EVERYDAY PRIOR STARTING WORK WITH ALL FIELD CREW MEMBERS AT THE SITE.

Date: 8.21.25
Project #: AR25P108
UPC Ticket #:
Issued by:
Project Manager:
Client:
Client Contact Info.

Pre - Job Preparation	Safety Access / Location	Employee Authorization to STOP Work
1. Get Permit / Call UPC locate Ticket for Job Site	Eye Wash / Safety Shower: X	I have been given authorization without fear of reprimand or retaliation, to immediately STOP any work activity that presents a danger to me, my co-worker, or the public; get involved, question and rectify, and situation that is identified as not being in compliance with our safety and health policies; to report any unsafe conditions or acts to supervision and question any activity that involves violation of established Safety and Health policies.
2. Fill out JSA	Wind Direction: east	
3. Review JSA (EVERYONE)	Evacuation Route:	
4. Sign JSA (EVERYONE)	Assembly Point: Main ~~Of~~ Gate	

Job Tasks: (What are you doing?)	Potential Hazards:	Recommended Action or Procedure to Eliminate / Mitigate Hazards
Ground water sampling	Biological, motion	360° checks

Field Crew Member Signatures:

Daily Project Safety Close Out (To be completed at the end of the day by Field Crew Leader. Note any injuries, incidents, and / or Near Misses):

Any Injuries or Incidents?	Field Crew Leader: (Signature, Date, and Time)
N.	8.21.25

Notes:

BEFORE STARTING WORK: Is this the SAFEST way to do this JOB?

"I will not put myself or let my co-workers perform any task that I would not allow my son or daughter in, on, or around."

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-25-25
Weather: 70-90°
Sampler: Austin Worley

Terracon

Site Name: EBDU 37
Project No.: AR25P108

Missing drum

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-30	8:10	62.46	23.02	2.68	11.00	6.22	243	1000+
	8:15	62.46	22.30	2.71	9.59	7.07	227	1000+
	8:20	62.46	21.93	2.74	9.04	7.19	223	1000+
	8:25	62.46	21.84	2.76	8.90	7.21	220	1000+
	8:30	62.47	21.88	2.86	8.96	7.19	218	1000+
DUP-07-W								

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	62.41	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	88.49	Well Riser	✓
Water Column	26.08	Well Cap	✓
Well Volume Cal.**	4.25	Well Cap Lock	missing
Flow Rate	225 ml/min	General Condition	good
Color/Odor	clear/no	**WASTE GENERATION**	
Sample Method	low-flow	Purged Volume	2 gal.
Inlet Depth	8:30	Drum ID	
Sample Time	75.5'	Drum Labeled	(Y / N)
Duplicate	8:50	Drum Location	none
MS/MSD	n/a		

Comments: missing drum

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-06	10:00	62.56	27.29	3.65	7.86	6.87	184	524
	10:05	62.57	24.67	4.03	7.29	6.81	193	211
	10:10	62.57	24.11	4.20	6.61	6.81	197	156
	10:15	62.57	23.71	4.38	6.43	6.81	200	93.4
	10:20	62.57	23.51	4.43	6.41	6.81	201	83.0
	10:25	62.57	23.64	4.46	6.33	6.81	202	70.1

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	62.49	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	71.43	Well Riser	✓
Water Column	8.94	Well Cap	✓
Well Volume Cal.**	1.46	Well Cap Lock	✓
Flow Rate	250 ml/min	General Condition	good
Color/Odor	clear/NO	**WASTE GENERATION**	
✱Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	2 gal
Inlet Depth	67	Drum ID	
Sample Time	10:25	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	none
MS/MSD	n/a		

Comments: missing drum

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-25-25
Weather: 70-90°
Sampler: Austin Worley

Terracon

Site Name: EBDU 37
Project No.: AR25P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-37	11:30	63.18	27.20	2.23	8.85	7.11	193	928
	11:35	63.18	26.07	2.29	8.71	7.10	196	933
	11:40	63.18	25.73	2.33	8.41	7.08	201	910
	11:45	63.19	25.16	2.38	7.76	7.08	205	767
	11:50	63.19	24.81	2.42	7.73	7.07	206	655
	11:55	63.19	24.76	2.63	7.98	7.05	208	466
	12:00	63.19	24.99	2.79	7.98	7.05	209	369
DUP-08-25	12:05	63.19	24.96	3.11	8.27	7.04	210	267
	12:10	63.20	25.02	3.28	8.01	7.03	212	223
	12:15	63.20	24.99	3.55	7.98	7.02	213	177

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	63.12'	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	88.53'	Well Riser	✓
Water Column	25.41'	Well Cap	✓
Well Volume Cal.**	4.14	Well Cap Lock	Missing
Flow Rate	200 mL/min	General Condition	good
Color/Odor	slight musk/NO	**WASTE GENERATION**	
Sample Method	peristaltic	Purged Volume	3 gal
Inlet Depth	75.5'	Drum ID	
Sample Time	12:15	Drum Labeled	(Y / N)
Duplicate	12:35	Drum Location	Missing
MS/MSD	n/a		
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-18	14:10	62.79	33.10	2.07	6.12	7.09	105	212
	14:15	62.79	29.38	2.28	5.70	7.05	131	164
	14:20	62.79	27.51	2.64	5.91	7.02	156	101
	14:25	62.79	26.87	2.91	6.29	6.99	166	89.8
	14:30	62.79	25.43	3.20	5.72	6.97	173	83.2
	14:35	62.80	25.30	3.35	5.48	6.95	178	85.4
	14:40	62.80	25.28	3.38	5.56	6.94	181	81.2

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	62.76'	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	88.69'	Well Riser	✓
Water Column	25.93'	Well Cap	✓
Well Volume Cal.**	4.23	Well Cap Lock	✓
Flow Rate	190 mL/min	General Condition	good
Color/Odor	clear / NO	**WASTE GENERATION**	
☒ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	2.5 gal
Inlet Depth	75.72'	Drum ID	
Sample Time	14:40	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	2 drums
MS/MSD	n/a		
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-26-25
Weather: 69-89°
Sampler: Austin Worley

Terracon

Site Name: EBDU 37
Project No.: AR25P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	12:15	62.10	27.80	9.84	6.30	6.86	178	1000+
	12:20	62.10	26.33	11.0	6.72	6.84	183	1000+
	12:25	62.10	25.58	12.4	6.92	6.83	185	543
	12:30		25.20	13.1	7.13	6.80	186	548
	12:35		25.02	13.7	7.32	6.78	189	538
~~duplicate~~ TMW-5	~~duplicate~~							

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	62.04	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	90.90	Well Riser	✓
Water Column	28.86	Well Cap	✓
Well Volume Cal.**	4.70	Well Cap Lock	Missing
Flow Rate	150 mL/min	General Condition	good
Color/Odor	Merky / NO	WASTE GENERATION	
Sample Method	peristaltic	Purged Volume	2 gal
Inlet Depth	76.5	Drum ID	
Sample Time	12:35	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	
MS/MSD	n/a		NO drum
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
	10:30	65.65	24.41	2.21	6.33	6.70	250	947
	10:35	65.65	23.25	2.98	6.17	6.94	234	486
	10:40	65.65	22.93	3.37	5.90	6.94	228	402
	10:45	65.65	22.88	4.10	5.58	6.93	220	339
	10:50	65.65	22.89	4.49	5.37	6.93	214	313
TMW-14	10:55	65.65	22.88	5.05	5.33	6.91	210	343
	11:00	65.65	22.88	5.12	5.29	6.92	208	356

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	65.61	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	87.46	Well Riser	✓
Water Column	21.85	Well Cap	✓
Well Volume Cal.**	3.56	Well Cap Lock	✓
Flow Rate	145 mL/min	General Condition	good
Color/Odor	Merky / NO	WASTE GENERATION	
☒ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	2 gal.
Inlet Depth	76.5	Drum ID	
Sample Time	11:00	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	
MS/MSD	n/a		
Comments:			

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-27-25
Weather: 68°-89°
Sampler: Austin Worley

Terracon

Site Name: EBDU 37
Project No.: AR25P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-36	8:45	61.87	22.60	11.5	7.29	6.25	234	233
	8:50	61.87	21.89	13.9	6.91	6.57	211	194
	8:55	61.87	21.60	14.5	6.73	6.57	206	203
	9:00	61.87	21.64	14.5	6.70	6.60	204	212
	9:05	61.87	21.64	14.3	6.71	6.62	202	220

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	61.81	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	89.17	Well Riser	✓
Water Column	27.36	Well Cap	✓
Well Volume Cal.**	4.46	Well Cap Lock	missing
Flow Rate	160 mL/min	General Condition	good
Color/Odor	clear / NO	**WASTE GENERATION**	
Sample Method	peristaltic	Purged Volume	1.5 gal
Inlet Depth	75.5	Drum ID	
Sample Time	9:05	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	
MS/MSD	n/a		no drum
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-17	10:20	62.23	25.50	10.5	2.48	6.71	426	371
	10:25	62.23	24.23	11.0	2.10	6.70	522	317
	10:30	62.23	23.53	11.1	1.87	6.67	565	283
	10:35	62.23	22.60	11.4	1.79	6.65	568	271
	10:40	62.23	22.54	11.6	1.77	6.62	573	264

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	62.20	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	83.94	Well Riser	✓
Water Column	21.74	Well Cap	✓
Well Volume Cal.**	3.54	Well Cap Lock	✓
Flow Rate	190 mL/min	General Condition	good
Color/Odor	slight merk / NO	**WASTE GENERATION**	
✱Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	2 gal.
Inlet Depth	73	Drum ID	
Sample Time	10:40	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	
MS/MSD	n/a		2 drums
Comments:	1 drum full ; 1 drum ½ full		

Recommended Stabilization Values	N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

WATER FIELD SAMPLING SHEET

Date: 8-27-25
Weather: 68-89°
Sampler: Austin Worley

Terracon

Site Name: E130U 37
Project No.: AB25P108

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
TMW-01	12:00	51.02	26.58	0.659	6.65	7.13	258	542
	12:05	51.02	22.02	0.628	6.63	7.07	277	278
	12:10	51.02	21.71	0.624	6.63	6.97	286	237
	12:15	51.02	21.50	0.624	6.12	6.90	295	175
	12:20	51.03	21.46	0.627	6.15	6.89	296	170
	12:25	51.03	21.43	0.629	6.19	6.89	299	168

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)	2"	Concrete Pad	✓
Depth to Water (ft)	50.95	Manhole Cover	n/a
Depth to Product (ft)	n/a	Cover Bolts	n/a
Total Well Depth (ft)	65.19	Well Riser	✓
Water Column	14.24	Well Cap	missing
Well Volume Cal.**	2.32	Well Cap Lock	good
Flow Rate	220 mL/min	General Condition	good
Color/Odor	clear / NO	**WASTE GENERATION**	
Sample Method	peristaltic	Purged Volume	2 gal.
Inlet Depth	58	Drum ID	
Sample Time	12:25	Drum Labeled	(Y / N)
Duplicate	n/a	Drum Location	
MS/MSD	n/a	no drum	
Comments:			

Sample ID	Time (military)	Depth to Water* (feet)	GROUNDWATER QUALITY - FIELD MEASUREMENTS Temp (°C)	SC (mS/cm)	DO (mg/l)	pH	ORP (mv)	Turbidity (NTU)
Recommended Stabilization Values			N/A	± 3%	± 0.3 mg/l	± 0.1	± 10 mv	± 10%***

COLLECTION INFORMATION		WELL CONDITION	
Well Diameter (in)		Concrete Pad	
Depth to Water (ft)		Manhole Cover	
Depth to Product (ft)		Cover Bolts	
Total Well Depth (ft)		Well Riser	
Water Column		Well Cap	
Well Volume Cal.**		Well Cap Lock	
Flow Rate		General Condition	
Color/Odor		**WASTE GENERATION**	
☐ Peristaltic ☐ Bladder ☐ Bailer		Purged Volume	
Inlet Depth		Drum ID	
Sample Time		Drum Labeled	(Y / N)
Duplicate		Drum Location	
MS/MSD			
Comments:			

* Drawdown should not exceed 0.33 feet, if so, reduce pumping rate

** Water column (ft) x gal/ft x number of volumes [1" well = 0.041 gal/ft, 2" well = 0.163 gal/ft, 4" well = 0.653 gal/ft, 6" well = 1.47 gal/ft]

*** Applies when turbidity is greater than 10 NTUs

Terracon

WATER LEVEL AND PRODUCT THICKNESS FORM

Sheet 1 of 2
Terracon Project No.: AR25P108 Apache EBDU 37
Date: 08/28/2025
By: Aaron Adams

Well ID	Sock Y/N	Product Level	Water Level	Product Thickness	TD/Gallons Recovered/Comments
MW-1	N	N/A	49.81	N/A	65.21 no drum
MW-2	N	N/A	59.63	N/A	69.31 no drum
MW-3	N	N/A	59.44	N/A	62.29 no drum no lock
MW-4	N	N/A	59.00	N/A	71.46 drum missing bung 1/10
MW-5	N	N/A	58.18	N/A	78.41 drum missing bung 1/10
MW-6	N	N/A	62.50	N/A	71.40 no drum
MW-7	N	N/A	60.54	N/A	83.81 drum empty
MW-8	N	N/A	55.98	N/A	75.55 drum bung open ~1/4 full
MW-9	N	N/A	54.25	N/A	71.65 drum rusted out, empty
MW-10	N	N/A	54.73	N/A	71.15 drum empty
MW-11	N	N/A	59.70	N/A	78.77 drum missing bung 1/10
MW-12	N	N/A	62.23	N/A	81.21 well tang weld broke 1/2
MW-13	N	N/A	64.32	N/A	84.51 3/10
MW-14	N	N/A	64.61	N/A	87.45 1/10
MW-15	N	N/A	62.41	N/A	79.80 drum missing bung empty
MW-16	N	N/A	60.92	N/A	84.71 drum missing bung 4/10
MW-17	N	N/A	62.18	N/A	84.05 2 drums, both full 1 drum bung is open
MW-18	N	N/A	62.78	N/A	88.54 2 drums 1-1/10 1 drum 1-1/2 bung is open
MW-19	N	N/A	61.58	N/A	81.43 empty drum
MW-20	N	N/A	65.85	N/A	77.75 drum has bung open
MW-21	N	N/A	67.79	N/A	73.93 drum has bung open 3/10
MW-22	N	N/A	69.31	N/A	72.98 empty drum
MW-23	N	N/A	62.16	N/A	72.05 no lock 1/10
MW-24	N	N/A	60.08	N/A	63.03 drum missing bung, empty
MW-25	N	N/A		N/A	
MW-26	N	N/A		N/A	
MW-27	N	N/A	61.19	N/A	89.97 no drum no lock

Terracon

WATER LEVEL AND PRODUCT THICKNESS FORM

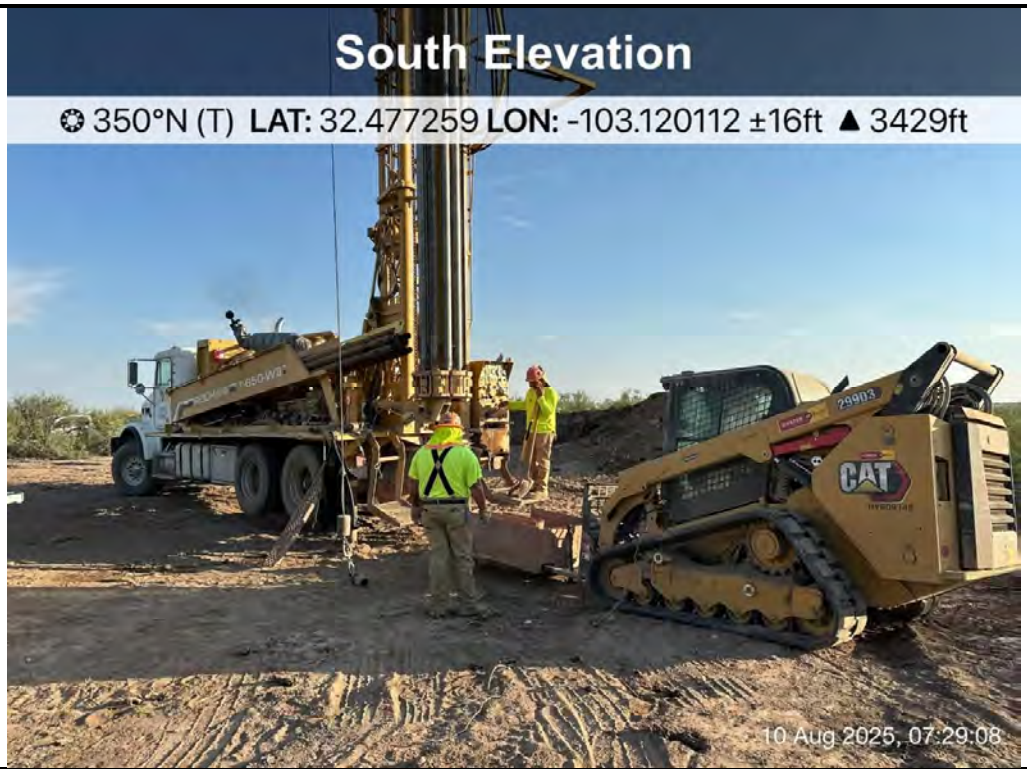
Sheet 2 of 2
Terracon Project No.: AR25P108 Apache EBDU 37
Date: 08/28/2025
By: Aaron Adams

Well ID	Sock Y/N	Product Level	Water Level	Product Thickness	TD/Gallons Recovered/Comments
MW-28	N	N/A	61.38	N/A	90.70 no drum or lock
MW-29	N	N/A		N/A	
MW-30	N	N/A	62.40	N/A	88.41 no drum, no lock
MW-31	N	N/A	62.17	N/A	88.41 empty drum, bung beside
MW-32	N	N/A		N/A	
MW-33	N	N/A	66.13	N/A	89.75 no drum, no lock
MW-34	N	N/A	62.05	N/A	90.08 no drum, no lock
MW-35	N	N/A		N/A	
MW-36	N	N/A	61.80	N/A	88.44 no drum, no lock
MW-37	N	N/A	63.11	N/A	88.51 no drum, no lock
MW-38	N	N/A		N/A	
MW-39	N	N/A		N/A	
MW-40	N	N/A	61.75	N/A	88.45
41	N	N/A	64.86	N/A	89.98 no drum no lock
42	N	N/A	64.30	N/A	94.32 no drum no lock
43	N	N/A	60.43	N/A	88.25 no drum no lock
44	N	N/A	66.03	N/A	93.19 no drum no lock
45	N	N/A	60.51	N/A	93.02 no drum no lock
46	N	N/A	62.61	N/A	98.30 no drum no lock

APPENDIX **D**

PHOTOLOG

EBDU 37 – AR25P108
August 10-28, 2025



Talon LPE setup for drilling at TMW-30 with skid steer to carry cutting box with soil to rolloff box

EBDU 37 – AR25P108
August 10-28, 2025

Drilling at TMW-30	Drilling at TMW-30
Location for SB-2 with the mound of caliche in the background before clearing.	Mound of caliche on the left compared to the surrounding grade.
Location for SB-2 after smoothing caliche/soil mound	Rig setting up at SB-2
Drill rig at SB-2	Drilling at SB-2

EBDU 37 – AR25P108
August 10-28, 2025

Typical well completion with tote for capturing development water. This is TMW037.	Windmill with water troughs at base
Water troughs at base of windmill	Low-lying area north of windmill

EBDU 37 – AR25P108
August 10-28, 2025

Typical setup with low flow pump (TMW-2)	MW-11 and drum for purge water
TMW-30 installation	View across SB2

EBDU 37 – AR25P108
August 10-28, 2025

Rolloff boxes with soil from drill cuttings	Totes with development water
Sand used for filter pack around well screens	Hole-plug used for sealing borings

APPENDIX **E**

LABORATORY DATA PACKAGES
SOIL ANALYTICAL

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

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JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8575-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project: EBDU 37

Job ID: 890-8575-1 Eurofins Carlsbad

Job Narrative
890-8575-1

REVISION

The report being provided is a revision of the original report sent on 8/14/2025. The report (revision 1) is being revised due to Revised report to re-run possible lab contamination..

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

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

Receipt
The samples were received on 8/6/2025 10:58 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW - 42 (0-5) (890-8575-1), TMW - 42 (5-10) (890-8575-2), TMW - 42 (10-15) (890-8575-3), TMW - 42 (15-20) (890-8575-4), TMW - 42 (20-25) (890-8575-5), TMW - 42 (25-30) (890-8575-6), TMW - 42 (30-35) (890-8575-7), TMW - 42 (35-40) (890-8575-8), TMW - 42 (40-45) (890-8575-9), TMW - 42 (45-50) (890-8575-10), TMW - 42 (50-55) (890-8575-11), TMW - 42 (55-60) (890-8575-12) and (890-8575-13).

GC/MS VOA
Method 8260D: Sample is in a bulk jar.

TMW - 42 (10-15) (890-8575-3), TMW - 42 (15-20) (890-8575-4), TMW - 42 (20-25) (890-8575-5), TMW - 42 (25-30) (890-8575-6), TMW - 42 (30-35) (890-8575-7), TMW - 42 (35-40) (890-8575-8), TMW - 42 (40-45) (890-8575-9), TMW - 42 (45-50) (890-8575-10), TMW - 42 (50-55) (890-8575-11), TMW - 42 (55-60) (890-8575-12), (890-8583-B-10-A) and (890-8583-A-10-C MS)

Method 8260D: Sample failed ISTD twice so methanol was used for analysis.

TMW - 42 (40-45) (890-8575-9) and (890-8575-B-9-B MS)

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116032 and analytical batch 880-116451 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-116005/2-A) and (LCSD 880-116005/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116005 and analytical batch 880-116445 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-116005 and analytical batch 880-116445 contained Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project: EBDU 37

Job ID: 890-8575-1 (Continued) Eurofins Carlsbad

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-116032/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116032 and analytical batch 880-116451 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The method blank for preparation batch 880-116032 and analytical batch 880-116451 contained Diesel Range Organics (Over C10-C28) and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (0-5)

Lab Sample ID: 890-8575-1
Matrix: Solid
Date Collected: 08/05/25 16:04
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/07/25 15:08*	*08/07/25 20:45*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/07/25 15:08*	*08/07/25 20:45*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/07/25 15:08*	*08/07/25 20:45*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/07/25 20:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 20:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 23:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:23*	*1*
o-Terphenyl	*92*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.3**		10.0	0.397	mg/Kg			08/08/25 15:43	1

Client Sample ID: TMW - 42 (5-10)

Lab Sample ID: 890-8575-2
Matrix: Solid
Date Collected: 08/05/25 16:08
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/07/25 15:08*	*08/07/25 21:09*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8575-1
Project/Site: EBDU 37

Client Sample ID: TMW - 42 (5-10)
Lab Sample ID: 890-8575-2
Date Collected: 08/05/25 16:08
Matrix: Solid
Date Received: 08/06/25 10:58

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/07/25 21:09*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/07/25 15:08*	*08/07/25 21:09*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/07/25 15:08*	*08/07/25 21:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 21:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 23:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 23:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 23:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:37*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.0**		9.92	0.392	mg/Kg			08/08/25 15:49	1

Client Sample ID: TMW - 42 (10-15)
Lab Sample ID: 890-8575-3
Date Collected: 08/05/25 16:10
Matrix: Solid
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
Toluene	<0.00504	U	0.00504	0.00122	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
m,p-Xylenes	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
Xylenes, Total	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/07/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/07/25 15:08*	*08/08/25 16:13*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/08/25 16:13*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/07/25 15:08*	*08/08/25 16:13*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/07/25 15:08*	*08/08/25 16:13*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (10-15)

Lab Sample ID: 890-8575-3
Matrix: Solid
Date Collected: 08/05/25 16:10
Date Received: 08/06/25 10:58

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000436	mg/Kg			08/07/25 21:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 18:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 18:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		08/07/25 08:10	08/12/25 18:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/07/25 08:10*	*08/12/25 18:22*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/07/25 08:10*	*08/12/25 18:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.49**	**J**	9.96	0.393	mg/Kg			08/09/25 23:08	1

Client Sample ID: TMW - 42 (15-20)

Lab Sample ID: 890-8575-4
Matrix: Solid
Date Collected: 08/05/25 16:20
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
Toluene	<0.00504	U	0.00504	0.00122	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
m,p-Xylenes	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
Xylenes, Total	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/08/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/07/25 15:08*	*08/08/25 16:37*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/07/25 15:08*	*08/08/25 16:37*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/07/25 15:08*	*08/08/25 16:37*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/07/25 15:08*	*08/08/25 16:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000436	mg/Kg			08/08/25 16:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 19:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:11	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Client Sample ID: TMW - 42 (15-20) Lab Sample ID: 890-8575-4

Date Collected: 08/05/25 16:20 **Matrix: Solid**
Date Received: 08/06/25 10:58

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:11*	*1*
o-Terphenyl	*87*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.46	J	10.1	0.398	mg/Kg			08/09/25 23:16	1

Client Sample ID: TMW - 42 (20-25) Lab Sample ID: 890-8575-5

Date Collected: 08/05/25 16:22 **Matrix: Solid**
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/07/25 15:08	08/08/25 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*08/07/25 15:08*	*08/08/25 12:57*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/07/25 15:08*	*08/08/25 12:57*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*08/07/25 15:08*	*08/08/25 12:57*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/07/25 15:08*	*08/08/25 12:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/08/25 12:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 19:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:27*	*1*
o-Terphenyl	*90*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:27*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (20-25)

Lab Sample ID: 890-8575-5
Matrix: Solid
Date Collected: 08/05/25 16:22
Date Received: 08/06/25 10:58

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.70	J	10.1	0.399	mg/Kg			08/09/25 23:24	1

Client Sample ID: TMW - 42 (25-30)

Lab Sample ID: 890-8575-6
Matrix: Solid
Date Collected: 08/05/25 16:24
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996	0.000381	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
Toluene	<0.00498	U	0.00498	0.00121	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
Ethylbenzene	<0.000996	U	0.000996	0.000303	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
m,p-Xylenes	<0.00199	U	0.00199	0.000431	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
o-Xylene	<0.000996	U	0.000996	0.000315	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
Xylenes, Total	<0.00199	U	0.00199	0.000431	mg/Kg		08/07/25 15:08	08/08/25 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/07/25 15:08*	*08/08/25 13:21*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*08/07/25 15:08*	*08/08/25 13:21*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/07/25 15:08*	*08/08/25 13:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/07/25 15:08*	*08/08/25 13:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000431	mg/Kg			08/08/25 13:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 19:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 19:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:43*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.73	J	10.1	0.397	mg/Kg			08/09/25 23:31	1

Client Sample ID: TMW - 42 (30-35)

Lab Sample ID: 890-8575-7
Matrix: Solid
Date Collected: 08/05/25 16:25
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/08/25 13:45	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (30-35)

Date Collected: 08/05/25 16:25
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/08/25 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*08/07/25 15:08*	*08/08/25 13:45*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/07/25 15:08*	*08/08/25 13:45*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/07/25 15:08*	*08/08/25 13:45*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/08/25 13:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/08/25 13:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 19:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:59*	*1*
o-Terphenyl	*87*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.86**	**J**	10.1	0.398	mg/Kg			08/09/25 23:54	1

Client Sample ID: TMW - 42 (35-40)

Date Collected: 08/05/25 16:28
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/07/25 15:09	08/08/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/07/25 15:09*	*08/08/25 14:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/07/25 15:09*	*08/08/25 14:08*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (35-40)

Lab Sample ID: 890-8575-8
Matrix: Solid
Date Collected: 08/05/25 16:28
Date Received: 08/06/25 10:58

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*53 - 142*	*08/07/25 15:09*	*08/08/25 14:08*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/07/25 15:09*	*08/08/25 14:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/08/25 14:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 20:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/25 08:10	08/12/25 20:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/25 08:10	08/12/25 20:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/25 08:10	08/12/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:16*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.36**	**J**	9.98	0.394	mg/Kg			08/10/25 00:02	1

Client Sample ID: TMW - 42 (40-45)

Lab Sample ID: 890-8575-9
Matrix: Solid
Date Collected: 08/05/25 16:30
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503	0.0192	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
Toluene	<0.252	U	0.252	0.0609	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
Ethylbenzene	<0.0503	U	0.0503	0.0153	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
m,p-Xylenes	<0.101	U	0.101	0.0218	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
o-Xylene	<0.0503	U	0.0503	0.0159	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
Xylenes, Total	<0.101	U	0.101	0.0218	mg/Kg		08/13/25 10:12	08/13/25 11:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/13/25 10:12*	*08/13/25 11:47*	*50*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 10:12*	*08/13/25 11:47*	*50*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/13/25 10:12*	*08/13/25 11:47*	*50*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 10:12*	*08/13/25 11:47*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.101	U	0.101	0.0218	mg/Kg			08/13/25 11:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (40-45)

Lab Sample ID: 890-8575-9
Matrix: Solid
Date Collected: 08/05/25 16:30
Date Received: 08/06/25 10:58

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 20:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:32*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.22**	**J**	10.0	0.397	mg/Kg			08/10/25 00:25	1

Client Sample ID: TMW - 42 (45-50)

Lab Sample ID: 890-8575-10
Matrix: Solid
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994	0.000380	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
Toluene	<0.00497	U	0.00497	0.00120	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/07/25 15:09	08/08/25 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/07/25 15:09*	*08/08/25 14:56*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/07/25 15:09*	*08/08/25 14:56*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/07/25 15:09*	*08/08/25 14:56*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/07/25 15:09*	*08/08/25 14:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000430	mg/Kg			08/08/25 14:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 20:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 20:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 20:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 20:48	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (45-50)

Lab Sample ID: 890-8575-10
Matrix: Solid
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	08/07/25 08:10	08/12/25 20:48	1
o-Terphenyl	104		70 - 130	08/07/25 08:10	08/12/25 20:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.3		10.1	0.399	mg/Kg			08/10/25 00:32	1

Client Sample ID: TMW - 42 (50-55)

Lab Sample ID: 890-8575-11
Matrix: Solid
Date Collected: 08/05/25 16:35
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:09	08/08/25 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	08/07/25 15:09	08/08/25 15:20	1
4-Bromofluorobenzene (Surr)	96		68 - 152	08/07/25 15:09	08/08/25 15:20	1
Dibromofluoromethane (Surr)	95		53 - 142	08/07/25 15:09	08/08/25 15:20	1
Toluene-d8 (Surr)	95		70 - 130	08/07/25 15:09	08/08/25 15:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/08/25 15:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 21:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 21:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 21:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	08/07/25 08:10	08/12/25 21:03	1
o-Terphenyl	102		70 - 130	08/07/25 08:10	08/12/25 21:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.1		10.1	0.398	mg/Kg			08/10/25 00:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (55-60)

Date Collected: 08/05/25 16:38
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000986	U	0.000986	0.000377	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
Toluene	<0.00493	U	0.00493	0.00119	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
Ethylbenzene	<0.000986	U	0.000986	0.000300	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
m,p-Xylenes	<0.00197	U	0.00197	0.000427	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
o-Xylene	<0.000986	U	0.000986	0.000312	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
Xylenes, Total	<0.00197	U	0.00197	0.000427	mg/Kg		08/07/25 15:09	08/08/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/07/25 15:09*	*08/08/25 15:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/07/25 15:09*	*08/08/25 15:44*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*08/07/25 15:09*	*08/08/25 15:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:09*	*08/08/25 15:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00197	U	0.00197	0.000427	mg/Kg			08/08/25 15:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 21:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 21:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 21:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/07/25 08:10*	*08/12/25 21:19*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/07/25 08:10*	*08/12/25 21:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.8**		10.0	0.396	mg/Kg			08/10/25 00:48	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-8575-1	TMW - 42 (0-5)	98	95	89	99
890-8575-2	TMW - 42 (5-10)	101	97	90	96
890-8575-3	TMW - 42 (10-15)	95	99	92	99
890-8575-3	TMW - 42 (10-15)	108	97	100	94
890-8575-4	TMW - 42 (15-20)	115	93	98	97
890-8575-5	TMW - 42 (20-25)	107	95	93	98
890-8575-6	TMW - 42 (25-30)	98	101	90	101
890-8575-7	TMW - 42 (30-35)	104	95	90	99
890-8575-8	TMW - 42 (35-40)	105	94	95	97
890-8575-9	TMW - 42 (40-45)	101	99	85	94
890-8575-9 MS	TMW - 42 (40-45)	103	96	100	104
890-8575-10	TMW - 42 (45-50)	101	94	97	101
890-8575-11	TMW - 42 (50-55)	108	96	95	95
890-8575-12	TMW - 42 (55-60)	112	94	93	99
LCS 860-253646/3	Lab Control Sample	101	101	100	100
LCS 860-253912/3	Lab Control Sample	101	103	91	100
LCS 860-254795/3	Lab Control Sample	98	94	97	104
LCSD 860-253646/4	Lab Control Sample Dup	102	99	97	100
LCSD 860-253912/4	Lab Control Sample Dup	97	105	91	102
LCSD 860-254795/4	Lab Control Sample Dup	97	95	98	103
MB 860-253646/8	Method Blank	100	96	99	96
MB 860-253912/8	Method Blank	103	94	92	107
MB 860-254795/7	Method Blank	90	96	81	95

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8575-1	TMW - 42 (0-5)	81	92
890-8575-2	TMW - 42 (5-10)	84	97
890-8575-3	TMW - 42 (10-15)	111	101
890-8575-3 MS	TMW - 42 (10-15)	90	91
890-8575-3 MSD	TMW - 42 (10-15)	123	103
890-8575-4	TMW - 42 (15-20)	93	87
890-8575-5	TMW - 42 (20-25)	96	90
890-8575-6	TMW - 42 (25-30)	112	101
890-8575-7	TMW - 42 (30-35)	96	87
890-8575-8	TMW - 42 (35-40)	111	103
890-8575-9	TMW - 42 (40-45)	118	102
890-8575-10	TMW - 42 (45-50)	113	104
890-8575-11	TMW - 42 (50-55)	113	102
890-8575-12	TMW - 42 (55-60)	111	98

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCS 880-116005/2-A	Lab Control Sample	137 S1+	143 S1+								
LCS 880-116032/2-A	Lab Control Sample	133 S1+	130								
LCSD 880-116005/3-A	Lab Control Sample Dup	138 S1+	144 S1+								
LCSD 880-116032/3-A	Lab Control Sample Dup	123	124								
MB 880-116005/1-A	Method Blank	129	144 S1+								
MB 880-116032/1-A	Method Blank	139 S1+	129								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: MB 860-253646/8
Matrix: Solid
Analysis Batch: 253646

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/07/25 12:47	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/07/25 12:47	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/07/25 12:47	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/07/25 12:47	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/07/25 12:47	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/07/25 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*		*08/07/25 12:47*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/07/25 12:47*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/07/25 12:47*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/07/25 12:47*	*1*

Lab Sample ID: LCS 860-253646/3
Matrix: Solid
Analysis Batch: 253646

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04078		mg/Kg		82	66 - 142		
Toluene			0.0500	0.03991		mg/Kg		80	74 - 130		
Ethylbenzene			0.0500	0.04611		mg/Kg		92	80 - 130		
m,p-Xylenes			0.0500	0.04687		mg/Kg		94	78 - 130		
o-Xylene			0.0500	0.04748		mg/Kg		95	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-253646/4
Matrix: Solid
Analysis Batch: 253646

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.03938		mg/Kg		79	66 - 142	3	25
Toluene			0.0500	0.03910		mg/Kg		78	74 - 130	2	25
Ethylbenzene			0.0500	0.04539		mg/Kg		91	80 - 130	2	25
m,p-Xylenes			0.0500	0.04562		mg/Kg		91	78 - 130	3	25
o-Xylene			0.0500	0.04704		mg/Kg		94	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: MB 860-253912/8
Matrix: Solid
Analysis Batch: 253912

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/08/25 12:33	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/08/25 12:33	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/08/25 12:33	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/08/25 12:33	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/08/25 12:33	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/08/25 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*08/08/25 12:33*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*08/08/25 12:33*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*		*08/08/25 12:33*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/08/25 12:33*	*1*

Lab Sample ID: LCS 860-253912/3
Matrix: Solid
Analysis Batch: 253912

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05072		mg/Kg		101	66 - 142		
Toluene			0.0500	0.05360		mg/Kg		107	74 - 130		
Ethylbenzene			0.0500	0.05758		mg/Kg		115	80 - 130		
m,p-Xylenes			0.0500	0.05921		mg/Kg		118	78 - 130		
o-Xylene			0.0500	0.05702		mg/Kg		114	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-253912/4
Matrix: Solid
Analysis Batch: 253912

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04663		mg/Kg		93	66 - 142	8	25
Toluene			0.0500	0.04848		mg/Kg		97	74 - 130	10	25
Ethylbenzene			0.0500	0.05302		mg/Kg		106	80 - 130	8	25
m,p-Xylenes			0.0500	0.05368		mg/Kg		107	78 - 130	10	25
o-Xylene			0.0500	0.05226		mg/Kg		105	79 - 130	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: MB 860-254795/7
Matrix: Solid
Analysis Batch: 254795

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/13/25 10:37	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/13/25 10:37	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/13/25 10:37	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/13/25 10:37	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*08/13/25 10:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/13/25 10:37*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*		*08/13/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/13/25 10:37*	*1*

Lab Sample ID: LCS 860-254795/3
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04456		mg/Kg		89	66 - 142		
Toluene			0.0500	0.04481		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04839		mg/Kg		97	80 - 130		
m,p-Xylenes			0.0500	0.04797		mg/Kg		96	78 - 130		
o-Xylene			0.0500	0.04903		mg/Kg		98	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-254795/4
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04927		mg/Kg		99	66 - 142	10	25
Toluene			0.0500	0.04846		mg/Kg		97	74 - 130	8	25
Ethylbenzene			0.0500	0.05133		mg/Kg		103	80 - 130	6	25
m,p-Xylenes			0.0500	0.05166		mg/Kg		103	78 - 130	7	25
o-Xylene			0.0500	0.05294		mg/Kg		106	79 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: 890-8575-9 MS
Matrix: Solid
Analysis Batch: 254795

Client Sample ID: TMW - 42 (40-45)
Prep Type: Total/NA
Prep Batch: 254844

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0503	U	2.52	2.683		mg/Kg		107	71 - 119
Toluene	<0.252	U	2.52	2.617		mg/Kg		104	74 - 122
Ethylbenzene	<0.0503	U	2.52	2.816		mg/Kg		112	80 - 123
m,p-Xylenes	<0.101	U	2.52	2.833		mg/Kg		113	78 - 127
o-Xylene	<0.0503	U	2.52	2.897		mg/Kg		115	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116005/1-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116005

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 16:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*08/06/25 14:04*	*08/12/25 16:58*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*08/06/25 14:04*	*08/12/25 16:58*	*1*

Lab Sample ID: LCS 880-116005/2-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116005

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1087		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)			1000	931.3		mg/Kg		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*137*	*S1+*	*70 - 130*
o-Terphenyl	*143*	*S1+*	*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116005/3-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116005

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1082		mg/Kg		108	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	965.7		mg/Kg		97	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*138*	*S1+*	*70 - 130*
o-Terphenyl	*144*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-116032/1-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116032

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 17:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 17:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 17:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*08/07/25 08:10*	*08/12/25 17:32*	*1*
o-Terphenyl	*129*		*70 - 130*	*08/07/25 08:10*	*08/12/25 17:32*	*1*

Lab Sample ID: LCS 880-116032/2-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116032

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1113		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*133*	*S1+*	*70 - 130*
o-Terphenyl	*130*		*70 - 130*

Lab Sample ID: LCSD 880-116032/3-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116032

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1113		mg/Kg		111	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1042		mg/Kg		104	70 - 130	7	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116032/3-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116032

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 890-8575-3 MS
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: TMW - 42 (10-15)
Prep Type: Total/NA
Prep Batch: 116032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	737.0		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	670.6	F1	mg/Kg		66	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-8575-3 MSD
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: TMW - 42 (10-15)
Prep Type: Total/NA
Prep Batch: 116032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	844.0		mg/Kg		85	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	750.4		mg/Kg		74	70 - 130	11	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	103		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116079/1-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/08/25 12:59	1

Lab Sample ID: LCS 880-116079/2-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	230.6		mg/Kg		92	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-116079/3-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	231.1		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-116111/1-A
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/09/25 21:22	1

Lab Sample ID: LCS 880-116111/2-A
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	253.8		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-116111/3-A
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-8575-6 MS
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: TMW - 42 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.73	J	252	273.3		mg/Kg		108	90 - 110		

Lab Sample ID: 890-8575-6 MSD
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: TMW - 42 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.73	J	252	271.7		mg/Kg		107	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

GC/MS VOA

Analysis Batch: 253646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8260D	253802
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8260D	253802
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8260D	253802
MB 860-253646/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-253646/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-253646/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 253802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	5035	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	5035	
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	5035	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	5035	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	5035	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	5035	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	5035	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	5035	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	5035	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	5035	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	5035	

Analysis Batch: 253912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8260D	253802
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8260D	253802
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8260D	253802
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8260D	253802
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8260D	253802
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8260D	253802
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8260D	253802
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8260D	253802
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8260D	253802
MB 860-253912/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-253912/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-253912/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 253972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	Total BTEX	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	Total BTEX	
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	Total BTEX	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	Total BTEX	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	Total BTEX	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	Total BTEX	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	Total BTEX	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	Total BTEX	
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	Total BTEX	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	Total BTEX	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	Total BTEX	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

GC/MS VOA

Analysis Batch: 254795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8260D	254844
MB 860-254795/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-254795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
890-8575-9 MS	TMW - 42 (40-45)	Total/NA	Solid	8260D	254844

Prep Batch: 254844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	5035	
890-8575-9 MS	TMW - 42 (40-45)	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 116005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8015NM Prep	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8015NM Prep	
MB 880-116005/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116005/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 116032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8015NM Prep	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8015NM Prep	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8015NM Prep	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8015NM Prep	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8015NM Prep	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8015NM Prep	
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8015NM Prep	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8015NM Prep	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8015NM Prep	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116032/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116032/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8575-3 MS	TMW - 42 (10-15)	Total/NA	Solid	8015NM Prep	
890-8575-3 MSD	TMW - 42 (10-15)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8015B NM	116005
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8015B NM	116005
MB 880-116005/1-A	Method Blank	Total/NA	Solid	8015B NM	116005
LCS 880-116005/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116005
LCSD 880-116005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116005

Analysis Batch: 116451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8015B NM	116032
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8015B NM	116032

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

GC Semi VOA (Continued)

Analysis Batch: 116451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8015B NM	116032
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8015B NM	116032
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8015B NM	116032
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8015B NM	116032
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8015B NM	116032
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8015B NM	116032
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8015B NM	116032
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8015B NM	116032
MB 880-116032/1-A	Method Blank	Total/NA	Solid	8015B NM	116032
LCS 880-116032/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116032
LCSD 880-116032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116032
890-8575-3 MS	TMW - 42 (10-15)	Total/NA	Solid	8015B NM	116032
890-8575-3 MSD	TMW - 42 (10-15)	Total/NA	Solid	8015B NM	116032

Analysis Batch: 116630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8015 NM	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8015 NM	
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8015 NM	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8015 NM	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8015 NM	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8015 NM	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8015 NM	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8015 NM	
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8015 NM	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8015 NM	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8015 NM	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Soluble	Solid	DI Leach	
890-8575-2	TMW - 42 (5-10)	Soluble	Solid	DI Leach	
MB 880-116079/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116079/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116079/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 116111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Soluble	Solid	DI Leach	
890-8575-4	TMW - 42 (15-20)	Soluble	Solid	DI Leach	
890-8575-5	TMW - 42 (20-25)	Soluble	Solid	DI Leach	
890-8575-6	TMW - 42 (25-30)	Soluble	Solid	DI Leach	
890-8575-7	TMW - 42 (30-35)	Soluble	Solid	DI Leach	
890-8575-8	TMW - 42 (35-40)	Soluble	Solid	DI Leach	
890-8575-9	TMW - 42 (40-45)	Soluble	Solid	DI Leach	
890-8575-10	TMW - 42 (45-50)	Soluble	Solid	DI Leach	
890-8575-11	TMW - 42 (50-55)	Soluble	Solid	DI Leach	
890-8575-12	TMW - 42 (55-60)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

HPLC/IC (Continued)

Leach Batch: 116111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-116111/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116111/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116111/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8575-6 MS	TMW - 42 (25-30)	Soluble	Solid	DI Leach	
890-8575-6 MSD	TMW - 42 (25-30)	Soluble	Solid	DI Leach	

Analysis Batch: 116188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Soluble	Solid	300.0	116079
890-8575-2	TMW - 42 (5-10)	Soluble	Solid	300.0	116079
MB 880-116079/1-A	Method Blank	Soluble	Solid	300.0	116079
LCS 880-116079/2-A	Lab Control Sample	Soluble	Solid	300.0	116079
LCSD 880-116079/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116079

Analysis Batch: 116248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Soluble	Solid	300.0	116111
890-8575-4	TMW - 42 (15-20)	Soluble	Solid	300.0	116111
890-8575-5	TMW - 42 (20-25)	Soluble	Solid	300.0	116111
890-8575-6	TMW - 42 (25-30)	Soluble	Solid	300.0	116111
890-8575-7	TMW - 42 (30-35)	Soluble	Solid	300.0	116111
890-8575-8	TMW - 42 (35-40)	Soluble	Solid	300.0	116111
890-8575-9	TMW - 42 (40-45)	Soluble	Solid	300.0	116111
890-8575-10	TMW - 42 (45-50)	Soluble	Solid	300.0	116111
890-8575-11	TMW - 42 (50-55)	Soluble	Solid	300.0	116111
890-8575-12	TMW - 42 (55-60)	Soluble	Solid	300.0	116111
MB 880-116111/1-A	Method Blank	Soluble	Solid	300.0	116111
LCS 880-116111/2-A	Lab Control Sample	Soluble	Solid	300.0	116111
LCSD 880-116111/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116111
890-8575-6 MS	TMW - 42 (25-30)	Soluble	Solid	300.0	116111
890-8575-6 MSD	TMW - 42 (25-30)	Soluble	Solid	300.0	116111

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (0-5)
Date Collected: 08/05/25 16:04
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 20:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/07/25 20:45	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 23:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116079	08/07/25 10:35	SMC	EET MID
Soluble	Analysis	300.0		1			116188	08/08/25 15:43	CS	EET MID

Client Sample ID: TMW - 42 (5-10)
Date Collected: 08/05/25 16:08
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 21:09	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/07/25 21:09	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 23:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 23:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116079	08/07/25 10:35	SMC	EET MID
Soluble	Analysis	300.0		1			116188	08/08/25 15:49	CS	EET MID

Client Sample ID: TMW - 42 (10-15)
Date Collected: 08/05/25 16:10
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 21:33	MTMG	EET HOU
Total/NA	Prep	5035			4.96 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 16:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/07/25 21:33	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 18:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 18:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:08	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (15-20)
Date Collected: 08/05/25 16:20
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 16:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 16:37	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:16	CS	EET MID

Client Sample ID: TMW - 42 (20-25)
Date Collected: 08/05/25 16:22
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 12:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 12:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:27	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:24	CS	EET MID

Client Sample ID: TMW - 42 (25-30)
Date Collected: 08/05/25 16:24
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 13:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 13:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:43	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:31	CS	EET MID

Client Sample ID: TMW - 42 (30-35)
Date Collected: 08/05/25 16:25
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 13:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 13:45	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (30-35)
Date Collected: 08/05/25 16:25
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:54	CS	EET MID

Client Sample ID: TMW - 42 (35-40)
Date Collected: 08/05/25 16:28
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 14:08	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 14:08	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 20:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 20:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:02	CS	EET MID

Client Sample ID: TMW - 42 (40-45)
Date Collected: 08/05/25 16:30
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	254844	08/13/25 10:12	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254795	08/13/25 11:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/13/25 11:47	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 20:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 20:32	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:25	CS	EET MID

Client Sample ID: TMW - 42 (45-50)
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 14:56	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 14:56	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 20:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 20:48	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (45-50)

Lab Sample ID: 890-8575-10
Matrix: Solid
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:32	CS	EET MID

Client Sample ID: TMW - 42 (50-55)

Lab Sample ID: 890-8575-11
Matrix: Solid
Date Collected: 08/05/25 16:35
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 15:20	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 15:20	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 21:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 21:03	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:40	CS	EET MID

Client Sample ID: TMW - 42 (55-60)

Lab Sample ID: 890-8575-12
Matrix: Solid
Date Collected: 08/05/25 16:38
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.07 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 15:44	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 15:44	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 21:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 21:19	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:48	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8575-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8575-1	TMW - 42 (0-5)	Solid	08/05/25 16:04	08/06/25 10:58	Texas
890-8575-2	TMW - 42 (5-10)	Solid	08/05/25 16:08	08/06/25 10:58	Texas
890-8575-3	TMW - 42 (10-15)	Solid	08/05/25 16:10	08/06/25 10:58	Texas
890-8575-4	TMW - 42 (15-20)	Solid	08/05/25 16:20	08/06/25 10:58	Texas
890-8575-5	TMW - 42 (20-25)	Solid	08/05/25 16:22	08/06/25 10:58	Texas
890-8575-6	TMW - 42 (25-30)	Solid	08/05/25 16:24	08/06/25 10:58	Texas
890-8575-7	TMW - 42 (30-35)	Solid	08/05/25 16:25	08/06/25 10:58	Texas
890-8575-8	TMW - 42 (35-40)	Solid	08/05/25 16:28	08/06/25 10:58	Texas
890-8575-9	TMW - 42 (40-45)	Solid	08/05/25 16:30	08/06/25 10:58	Texas
890-8575-10	TMW - 42 (45-50)	Solid	08/05/25 16:32	08/06/25 10:58	Texas
890-8575-11	TMW - 42 (50-55)	Solid	08/05/25 16:35	08/06/25 10:58	Texas
890-8575-12	TMW - 42 (55-60)	Solid	08/05/25 16:38	08/06/25 10:58	Texas

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael M. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.8
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 8 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com steve@sparkenvironmental.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

890-8575 Chain of Custody

n Codes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
TMW-42 (0-5)	8/5/25	16:04	C	Solid		X		
TMW-42 (5-10)	8/5/25	16:08		Solid		X		
TMW-42 (10-15)	8/5/25	16:10		Solid		X		
TMW-42 (15-20)	8/5/25	16:20		Solid		X		
TMW-42 (20-25)	8/5/25	16:22		Solid		X		
TMW-42 (25-30)	8/5/25	16:24		Solid		X		
TMW-42 (30-35)	8/5/25	16:25		Solid		X		
TMW-42 (35-40)	8/5/25	16:28		Solid		X		
TMW-42 (40-45)	8/5/25	16:30		Solid		X		
TMW-42 (45-50)	8/5/25	16:32		Solid		X		
TMW-42 (50-55)	8/5/25	16:35	↓	Solid		X		

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/06/25 0450			8/6/25 715	
2		8/6/25 1058				
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.2 5.6 5.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.9
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 9 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com Stevie@Sportenvironmental.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
TMW-42(55-60)	8/5/25	16:38	C	Solid		X	1	
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/06/25 0456			8/6/25 715	
2	Relinquished by:	Date/Time: 8/6/25 1058	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2 5.6 5.4

Ver: 05/06/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5612.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8575-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/12/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW 42 (0-5) (890-8575-1)	8/5/25	16:04 Central	G	Solid			X	X	2	
TMW 42 (5-10 (890-8575-2)	8/5/25	16:08 Central	G	Solid			X	X	2	
TMW 42 (10-15) (890-8575-3)	8/5/25	16:10 Central	G	Solid			X	X	2	
TMW 42 (15-20) (890-8575-4)	8/5/25	16:20 Central	G	Solid			X	X	2	
TMW 42 (20-25) (890-8575-5)	8/5/25	16:22 Central	G	Solid			X	X	2	
TMW 42 (25-30) (890-8575-6)	8/5/25	16:24 Central	G	Solid			X	X	2	
TMW 42 (30-35) (890-8575-7)	8/5/25	16:25 Central	G	Solid			X	X	2	
TMW 42 (35-40) (890-8575-8)	8/5/25	16:28 Central	G	Solid			X	X	2	
TMW 42 (40-45) (890-8575-9)	8/5/25	16:30 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

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Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5612.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8575-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/12/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW - 42 (45-50) (890-8575-10)	8/5/25	16:32 Central	G	Solid			X	X	2	
TMW 42 (50-55) (890-8575-11)	8/5/25	16:35 Central	G	Solid			X	X	2	
TMW 42 (55-60) (890-8575-12)	8/5/25	16:38 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8575-1

Login Number: 8575 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8575-1

Login Number: 8575
List Number: 3
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 08/07/25 11:59 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8575-1

Login Number: 8575
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 08/07/25 08:08 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 3:01:22 PM Revision 1

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8583-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/19/2025 3:01:22 PM
Revision 1

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8583-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8583-1
Project: EBDU 37

Job ID: 890-8583-1 **Eurofins Carlsbad**

Job Narrative
890-8583-1

REVISION

The report being provided is a revision of the original report sent on 8/14/2025. The report (revision 1) is being revised due to Revised report to review possible lab contamination.

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

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

Receipt
The samples were received on 8/7/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW-33 (0-5) (890-8583-1), TMW-33 (5-10) (890-8583-2), TMW-33 (10-15) (890-8583-3), TMW-33 (15-20) (890-8583-4), TMW-33 (20-25) (890-8583-5), TMW-33 (25-30) (890-8583-6), TMW-33 (30-35) (890-8583-7), TMW-33 (35-40) (890-8583-8), TMW-33 (40-45) (890-8583-9), TMW-33 (45-50) (890-8583-10), TMW-33 (50-55) (890-8583-11) and TMW-33 (55-60) (890-8583-12).

GC/MS VOA
Method 8260D: Samples are in a bulk jar

TMW-33 (50-55) (890-8583-11), TMW-33 (55-60) (890-8583-12), (890-8584-B-5-A) and (890-8584-B-5-B MS)

Method 8260D: Sample is in a bulk jar.

TMW-33 (0-5) (890-8583-1), TMW-33 (5-10) (890-8583-2), TMW-33 (10-15) (890-8583-3), TMW-33 (15-20) (890-8583-4), TMW-33 (20-25) (890-8583-5), TMW-33 (25-30) (890-8583-6), TMW-33 (30-35) (890-8583-7), TMW-33 (35-40) (890-8583-8), TMW-33 (40-45) (890-8583-9), TMW-33 (45-50) (890-8583-10) and (890-8583-A-10-C MS)

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

Diesel Range Organics
Method 8015MOD_NM: The method blank for preparation batch 880-116230 and analytical batch 880-116700 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116230 and analytical batch 880-116700 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-8583-A-1-B MS) and (890-8583-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116230 and analytical batch 880-116700 was outside the upper control limits.

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8583-1
Project: EBDU 37

Job ID: 890-8583-1 (Continued) Eurofins Carlsbad

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (0-5)

Lab Sample ID: 890-8583-1
Matrix: Solid
Date Collected: 08/06/25 08:11
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/08/25 16:14	08/08/25 17:01	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/08/25 16:14	08/08/25 17:01	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/08/25 16:14	08/08/25 17:01	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 17:01	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/08/25 16:14	08/08/25 17:01	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*08/08/25 16:14*	*08/08/25 17:01*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/08/25 16:14*	*08/08/25 17:01*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/08/25 16:14*	*08/08/25 17:01*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/08/25 16:14*	*08/08/25 17:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/08/25 17:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 19:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		08/08/25 11:16	08/13/25 19:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		08/08/25 11:16	08/13/25 19:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/08/25 11:16*	*08/13/25 19:21*	*1*
o-Terphenyl	*71*		*70 - 130*	*08/08/25 11:16*	*08/13/25 19:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.5**		10.1	0.398	mg/Kg			08/12/25 17:02	1

Client Sample ID: TMW-33 (5-10)

Lab Sample ID: 890-8583-2
Matrix: Solid
Date Collected: 08/06/25 08:13
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00101	0.000386	mg/Kg		08/08/25 16:14	08/08/25 17:25	1
Toluene	<0.00122	U	0.00504	0.00122	mg/Kg		08/08/25 16:14	08/08/25 17:25	1
Ethylbenzene	<0.000307	U	0.00101	0.000307	mg/Kg		08/08/25 16:14	08/08/25 17:25	1
m,p-Xylenes	<0.000436	U	0.00202	0.000436	mg/Kg		08/08/25 16:14	08/08/25 17:25	1
o-Xylene	<0.000319	U	0.00101	0.000319	mg/Kg		08/08/25 16:14	08/08/25 17:25	1
Xylenes, Total	<0.000436	U	0.00202	0.000436	mg/Kg		08/08/25 16:14	08/08/25 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/08/25 16:14*	*08/08/25 17:25*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (5-10)

Lab Sample ID: 890-8583-2
Matrix: Solid
Date Collected: 08/06/25 08:13
Date Received: 08/07/25 09:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/08/25 16:14*	*08/08/25 17:25*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:14*	*08/08/25 17:25*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/08/25 16:14*	*08/08/25 17:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000436	U	0.00202	0.000436	mg/Kg			08/08/25 17:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/13/25 20:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/13/25 20:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/13/25 20:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/13/25 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*08/08/25 11:16*	*08/13/25 20:19*	*1*
o-Terphenyl	*72*		*70 - 130*	*08/08/25 11:16*	*08/13/25 20:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.4**		10.1	0.397	mg/Kg			08/12/25 17:24	1

Client Sample ID: TMW-33 (10-15)

Lab Sample ID: 890-8583-3
Matrix: Solid
Date Collected: 08/06/25 08:15
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/08/25 16:14	08/08/25 17:49	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/08/25 16:14	08/08/25 17:49	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/08/25 16:14	08/08/25 17:49	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/08/25 17:49	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/08/25 16:14	08/08/25 17:49	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/08/25 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/08/25 16:14*	*08/08/25 17:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/08/25 16:14*	*08/08/25 17:49*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/08/25 16:14*	*08/08/25 17:49*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/08/25 16:14*	*08/08/25 17:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/08/25 17:49	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (10-15)

Lab Sample ID: 890-8583-3
Matrix: Solid
Date Collected: 08/06/25 08:15
Date Received: 08/07/25 09:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 20:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 20:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 20:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*08/08/25 11:16*	*08/13/25 20:39*	*1*
o-Terphenyl	*71*		*70 - 130*	*08/08/25 11:16*	*08/13/25 20:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.0**		10.1	0.399	mg/Kg			08/12/25 17:32	1

Client Sample ID: TMW-33 (15-20)

Lab Sample ID: 890-8583-4
Matrix: Solid
Date Collected: 08/06/25 08:17
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/08/25 16:14	08/08/25 18:12	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/08/25 16:14	08/08/25 18:12	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/08/25 16:14	08/08/25 18:12	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/08/25 18:12	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/08/25 16:14	08/08/25 18:12	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/08/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*08/08/25 16:14*	*08/08/25 18:12*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/08/25 16:14*	*08/08/25 18:12*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/08/25 16:14*	*08/08/25 18:12*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/08/25 16:14*	*08/08/25 18:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/08/25 18:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 20:58	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 20:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 20:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 20:58	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (15-20)

Lab Sample ID: 890-8583-4
Matrix: Solid
Date Collected: 08/06/25 08:17
Date Received: 08/07/25 09:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	08/08/25 11:16	08/13/25 20:58	1
o-Terphenyl	74		70 - 130	08/08/25 11:16	08/13/25 20:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		10.0	0.397	mg/Kg			08/12/25 17:40	1

Client Sample ID: TMW-33 (20-25)

Lab Sample ID: 890-8583-5
Matrix: Solid
Date Collected: 08/06/25 08:18
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/08/25 16:14	08/08/25 18:36	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/08/25 16:14	08/08/25 18:36	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/08/25 16:14	08/08/25 18:36	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/08/25 18:36	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/08/25 16:14	08/08/25 18:36	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/08/25 18:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150	08/08/25 16:14	08/08/25 18:36	1
4-Bromofluorobenzene (Surr)	97		68 - 152	08/08/25 16:14	08/08/25 18:36	1
Dibromofluoromethane (Surr)	95		53 - 142	08/08/25 16:14	08/08/25 18:36	1
Toluene-d8 (Surr)	100		70 - 130	08/08/25 16:14	08/08/25 18:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/08/25 18:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 21:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 21:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 21:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	08/08/25 11:16	08/13/25 21:17	1
o-Terphenyl	81		70 - 130	08/08/25 11:16	08/13/25 21:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.41	J	10.0	0.395	mg/Kg			08/12/25 17:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (25-30)

Lab Sample ID: 890-8583-6
Matrix: Solid
Date Collected: 08/06/25 08:24
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/08/25 16:14	08/08/25 19:00	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/08/25 16:14	08/08/25 19:00	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/08/25 16:14	08/08/25 19:00	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 19:00	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/08/25 16:14	08/08/25 19:00	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/08/25 16:14*	*08/08/25 19:00*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:14*	*08/08/25 19:00*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*08/08/25 16:14*	*08/08/25 19:00*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/08/25 16:14*	*08/08/25 19:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/08/25 19:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 21:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 21:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 21:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/08/25 11:16*	*08/13/25 21:36*	*1*
o-Terphenyl	*88*		*70 - 130*	*08/08/25 11:16*	*08/13/25 21:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.59**	**J**	9.98	0.394	mg/Kg			08/12/25 18:10	1

Client Sample ID: TMW-33 (30-35)

Lab Sample ID: 890-8583-7
Matrix: Solid
Date Collected: 08/06/25 08:26
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/08/25 16:14	08/08/25 19:24	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/08/25 16:14	08/08/25 19:24	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/08/25 16:14	08/08/25 19:24	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/08/25 19:24	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/08/25 16:14	08/08/25 19:24	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/08/25 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*56 - 150*	*08/08/25 16:14*	*08/08/25 19:24*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (30-35)

Lab Sample ID: 890-8583-7
Matrix: Solid
Date Collected: 08/06/25 08:26
Date Received: 08/07/25 09:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*08/08/25 16:14*	*08/08/25 19:24*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/08/25 16:14*	*08/08/25 19:24*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/08/25 16:14*	*08/08/25 19:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/08/25 19:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/13/25 21:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 21:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 21:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/08/25 11:16*	*08/13/25 21:56*	*1*
o-Terphenyl	*73*		*70 - 130*	*08/08/25 11:16*	*08/13/25 21:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.88**	**J**	9.98	0.394	mg/Kg			08/12/25 18:18	1

Client Sample ID: TMW-33 (35-40)

Lab Sample ID: 890-8583-8
Matrix: Solid
Date Collected: 08/06/25 08:28
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/08/25 16:14	08/08/25 19:48	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/08/25 16:14	08/08/25 19:48	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/08/25 16:14	08/08/25 19:48	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 19:48	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/08/25 16:14	08/08/25 19:48	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*08/08/25 16:14*	*08/08/25 19:48*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*08/08/25 16:14*	*08/08/25 19:48*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/08/25 16:14*	*08/08/25 19:48*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/08/25 16:14*	*08/08/25 19:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/08/25 19:48	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (35-40)

Lab Sample ID: 890-8583-8
Matrix: Solid
Date Collected: 08/06/25 08:28
Date Received: 08/07/25 09:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 22:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 22:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/08/25 11:16*	*08/13/25 22:15*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/08/25 11:16*	*08/13/25 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.66**	**J**	9.94	0.393	mg/Kg			08/12/25 18:25	1

Client Sample ID: TMW-33 (40-45)

Lab Sample ID: 890-8583-9
Matrix: Solid
Date Collected: 08/06/25 08:30
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/08/25 16:14	08/08/25 20:12	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/08/25 16:14	08/08/25 20:12	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/08/25 16:14	08/08/25 20:12	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 20:12	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/08/25 16:14	08/08/25 20:12	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/08/25 20:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*56 - 150*	*08/08/25 16:14*	*08/08/25 20:12*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:14*	*08/08/25 20:12*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:14*	*08/08/25 20:12*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/08/25 16:14*	*08/08/25 20:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/08/25 20:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/13/25 22:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/13/25 22:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/13/25 22:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/13/25 22:35	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (40-45)

Lab Sample ID: 890-8583-9
Matrix: Solid
Date Collected: 08/06/25 08:30
Date Received: 08/07/25 09:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	08/08/25 11:16	08/13/25 22:35	1
o-Terphenyl	82		70 - 130	08/08/25 11:16	08/13/25 22:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.78	J	9.96	0.393	mg/Kg			08/12/25 18:33	1

Client Sample ID: TMW-33 (45-50)

Lab Sample ID: 890-8583-10
Matrix: Solid
Date Collected: 08/06/25 08:32
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/08/25 16:14	08/08/25 20:36	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/08/25 16:14	08/08/25 20:36	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/08/25 16:14	08/08/25 20:36	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/08/25 20:36	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/08/25 16:14	08/08/25 20:36	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/08/25 20:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		56 - 150	08/08/25 16:14	08/08/25 20:36	1
4-Bromofluorobenzene (Surr)	94		68 - 152	08/08/25 16:14	08/08/25 20:36	1
Dibromofluoromethane (Surr)	99		53 - 142	08/08/25 16:14	08/08/25 20:36	1
Toluene-d8 (Surr)	96		70 - 130	08/08/25 16:14	08/08/25 20:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/08/25 20:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/13/25 22:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 22:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 22:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130	08/08/25 11:16	08/13/25 22:55	1
o-Terphenyl	75		70 - 130	08/08/25 11:16	08/13/25 22:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.17	J	10.0	0.395	mg/Kg			08/12/25 18:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (50-55)

Lab Sample ID: 890-8583-11
Matrix: Solid
Date Collected: 08/06/25 08:34
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/08/25 16:14	08/09/25 02:34	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/08/25 16:14	08/09/25 02:34	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/08/25 16:14	08/09/25 02:34	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/09/25 02:34	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/08/25 16:14	08/09/25 02:34	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/08/25 16:14	08/09/25 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*08/08/25 16:14*	*08/09/25 02:34*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/08/25 16:14*	*08/09/25 02:34*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*08/08/25 16:14*	*08/09/25 02:34*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/08/25 16:14*	*08/09/25 02:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/09/25 02:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 23:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 23:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 23:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/13/25 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/08/25 11:16*	*08/13/25 23:33*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/08/25 11:16*	*08/13/25 23:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.29**	**J**	10.1	0.397	mg/Kg			08/12/25 18:50	1

Client Sample ID: TMW-33 (55-60)

Lab Sample ID: 890-8583-12
Matrix: Solid
Date Collected: 08/06/25 08:36
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/08/25 16:14	08/09/25 02:58	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/08/25 16:14	08/09/25 02:58	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/08/25 16:14	08/09/25 02:58	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/09/25 02:58	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/08/25 16:14	08/09/25 02:58	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/08/25 16:14	08/09/25 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/08/25 16:14*	*08/09/25 02:58*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (55-60)

Date Collected: 08/06/25 08:36
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-12

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/08/25 16:14*	*08/09/25 02:58*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*08/08/25 16:14*	*08/09/25 02:58*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/08/25 16:14*	*08/09/25 02:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/09/25 02:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/13/25 23:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 23:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 23:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/13/25 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/08/25 11:16*	*08/13/25 23:52*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/08/25 11:16*	*08/13/25 23:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.8**		10.1	0.399	mg/Kg			08/12/25 19:13	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
890-8583-1	TMW-33 (0-5)	109	98	98	99
890-8583-2	TMW-33 (5-10)	112	90	100	99
890-8583-3	TMW-33 (10-15)	105	95	98	99
890-8583-4	TMW-33 (15-20)	109	93	98	97
890-8583-5	TMW-33 (20-25)	112	97	95	100
890-8583-6	TMW-33 (25-30)	113	92	99	95
890-8583-7	TMW-33 (30-35)	116	91	97	97
890-8583-8	TMW-33 (35-40)	109	91	98	97
890-8583-9	TMW-33 (40-45)	122	92	100	94
890-8583-10	TMW-33 (45-50)	113	94	99	96
890-8583-10 MS	TMW-33 (45-50)	106	98	93	100
890-8583-11	TMW-33 (50-55)	104	98	99	97
890-8583-12	TMW-33 (55-60)	111	97	94	95
LCS 860-253912/3	Lab Control Sample	101	103	91	100
LCS 860-254090/3	Lab Control Sample	103	101	92	103
LCSD 860-253912/4	Lab Control Sample Dup	97	105	91	102
LCSD 860-254090/4	Lab Control Sample Dup	101	100	94	101
MB 860-253912/8	Method Blank	103	94	92	107
MB 860-254090/8	Method Blank	105	95	96	100

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8583-1	TMW-33 (0-5)	75	71
890-8583-1 MS	TMW-33 (0-5)	76	68 S1-
890-8583-1 MSD	TMW-33 (0-5)	74	66 S1-
890-8583-2	TMW-33 (5-10)	72	72
890-8583-3	TMW-33 (10-15)	72	71
890-8583-4	TMW-33 (15-20)	74	74
890-8583-5	TMW-33 (20-25)	82	81
890-8583-6	TMW-33 (25-30)	88	88
890-8583-7	TMW-33 (30-35)	74	73
890-8583-8	TMW-33 (35-40)	77	77
890-8583-9	TMW-33 (40-45)	82	82
890-8583-10	TMW-33 (45-50)	75	75
890-8583-11	TMW-33 (50-55)	76	75
890-8583-12	TMW-33 (55-60)	76	75
LCS 880-116230/2-A	Lab Control Sample	121	119
LCSD 880-116230/3-A	Lab Control Sample Dup	117	116
MB 880-116230/1-A	Method Blank	144 S1+	147 S1+

Surrogate Legend

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8583-1
Project/Site: EBDU 37

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

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

Lab Sample ID: MB 860-253912/8
Matrix: Solid
Analysis Batch: 253912

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/08/25 12:33	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/08/25 12:33	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/08/25 12:33	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/08/25 12:33	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/08/25 12:33	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/08/25 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*08/08/25 12:33*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*08/08/25 12:33*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*		*08/08/25 12:33*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/08/25 12:33*	*1*

Lab Sample ID: LCS 860-253912/3
Matrix: Solid
Analysis Batch: 253912

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05072		mg/Kg		101	66 - 142		
Toluene			0.0500	0.05360		mg/Kg		107	74 - 130		
Ethylbenzene			0.0500	0.05758		mg/Kg		115	80 - 130		
m,p-Xylenes			0.0500	0.05921		mg/Kg		118	78 - 130		
o-Xylene			0.0500	0.05702		mg/Kg		114	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-253912/4
Matrix: Solid
Analysis Batch: 253912

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04663		mg/Kg		93	66 - 142	8	25
Toluene			0.0500	0.04848		mg/Kg		97	74 - 130	10	25
Ethylbenzene			0.0500	0.05302		mg/Kg		106	80 - 130	8	25
m,p-Xylenes			0.0500	0.05368		mg/Kg		107	78 - 130	10	25
o-Xylene			0.0500	0.05226		mg/Kg		105	79 - 130	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

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

Lab Sample ID: 890-8583-10 MS
Matrix: Solid
Analysis Batch: 253912

Client Sample ID: TMW-33 (45-50)
Prep Type: Total/NA
Prep Batch: 254062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000380	U	0.0500	0.04975		mg/Kg		99	71 - 119
Toluene	<0.00120	U	0.0500	0.05037		mg/Kg		101	74 - 122
Ethylbenzene	<0.000303	U	0.0500	0.05557		mg/Kg		111	80 - 123
m,p-Xylenes	<0.000430	U	0.0500	0.05742		mg/Kg		115	78 - 127
o-Xylene	<0.000314	U	0.0500	0.05625		mg/Kg		113	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*
Dibromofluoromethane (Surr)	*93*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 860-254090/8
Matrix: Solid
Analysis Batch: 254090

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/09/25 02:10	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/09/25 02:10	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/09/25 02:10	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/09/25 02:10	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/09/25 02:10	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/09/25 02:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*		*08/09/25 02:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*		*08/09/25 02:10*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*		*08/09/25 02:10*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/09/25 02:10*	*1*

Lab Sample ID: LCS 860-254090/3
Matrix: Solid
Analysis Batch: 254090

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04736		mg/Kg		95	66 - 142
Toluene	0.0500	0.04882		mg/Kg		98	74 - 130
Ethylbenzene	0.0500	0.05266		mg/Kg		105	80 - 130
m,p-Xylenes	0.0500	0.05382		mg/Kg		108	78 - 130
o-Xylene	0.0500	0.05323		mg/Kg		106	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*92*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

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

Lab Sample ID: LCSD 860-254090/4
Matrix: Solid
Analysis Batch: 254090

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04709		mg/Kg		94	66 - 142	1	25
Toluene			0.0500	0.04812		mg/Kg		96	74 - 130	1	25
Ethylbenzene			0.0500	0.05207		mg/Kg		104	80 - 130	1	25
m,p-Xylenes			0.0500	0.05304		mg/Kg		106	78 - 130	1	25
o-Xylene			0.0500	0.05226		mg/Kg		105	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*94*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116230/1-A
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116230

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/13/25 16:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/13/25 16:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/13/25 16:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*08/08/25 11:11*	*08/13/25 16:43*	*1*
o-Terphenyl	*147*	*S1+*	*70 - 130*	*08/08/25 11:11*	*08/13/25 16:43*	*1*

Lab Sample ID: LCS 880-116230/2-A
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116230

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	853.0		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	849.6		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*121*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116230/3-A
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116230

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	851.2		mg/Kg		85	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	830.7		mg/Kg		83	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

Lab Sample ID: 890-8583-1 MS
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: TMW-33 (0-5)
Prep Type: Total/NA
Prep Batch: 116230

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	996	687.1	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	996	672.3	F1	mg/Kg		68	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*76*		*70 - 130*
o-Terphenyl	*68*	*S1-*	*70 - 130*

Lab Sample ID: 890-8583-1 MSD
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: TMW-33 (0-5)
Prep Type: Total/NA
Prep Batch: 116230

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	996	682.0	F1	mg/Kg		67	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	996	657.9	F1	mg/Kg		66	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*66*	*S1-*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116267/1-A
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/12/25 16:39	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116267/2-A
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.4		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-116267/3-A
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	234.0		mg/Kg		94	90 - 110	4	20

Lab Sample ID: 890-8583-1 MS
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: TMW-33 (0-5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	20.5		252	271.1		mg/Kg		99	90 - 110		

Lab Sample ID: 890-8583-1 MSD
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: TMW-33 (0-5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.5		252	275.0		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-8583-11 MS
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: TMW-33 (50-55)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	8.29	J	252	264.4		mg/Kg		102	90 - 110		

Lab Sample ID: 890-8583-11 MSD
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: TMW-33 (50-55)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8.29	J	252	261.7		mg/Kg		101	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

GC/MS VOA

Analysis Batch: 253912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Total/NA	Solid	8260D	254062
890-8583-2	TMW-33 (5-10)	Total/NA	Solid	8260D	254062
890-8583-3	TMW-33 (10-15)	Total/NA	Solid	8260D	254062
890-8583-4	TMW-33 (15-20)	Total/NA	Solid	8260D	254062
890-8583-5	TMW-33 (20-25)	Total/NA	Solid	8260D	254062
890-8583-6	TMW-33 (25-30)	Total/NA	Solid	8260D	254062
890-8583-7	TMW-33 (30-35)	Total/NA	Solid	8260D	254062
890-8583-8	TMW-33 (35-40)	Total/NA	Solid	8260D	254062
890-8583-9	TMW-33 (40-45)	Total/NA	Solid	8260D	254062
890-8583-10	TMW-33 (45-50)	Total/NA	Solid	8260D	254062
MB 860-253912/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-253912/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-253912/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
890-8583-10 MS	TMW-33 (45-50)	Total/NA	Solid	8260D	254062

Prep Batch: 254062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Total/NA	Solid	5035	
890-8583-2	TMW-33 (5-10)	Total/NA	Solid	5035	
890-8583-3	TMW-33 (10-15)	Total/NA	Solid	5035	
890-8583-4	TMW-33 (15-20)	Total/NA	Solid	5035	
890-8583-5	TMW-33 (20-25)	Total/NA	Solid	5035	
890-8583-6	TMW-33 (25-30)	Total/NA	Solid	5035	
890-8583-7	TMW-33 (30-35)	Total/NA	Solid	5035	
890-8583-8	TMW-33 (35-40)	Total/NA	Solid	5035	
890-8583-9	TMW-33 (40-45)	Total/NA	Solid	5035	
890-8583-10	TMW-33 (45-50)	Total/NA	Solid	5035	
890-8583-11	TMW-33 (50-55)	Total/NA	Solid	5035	
890-8583-12	TMW-33 (55-60)	Total/NA	Solid	5035	
890-8583-10 MS	TMW-33 (45-50)	Total/NA	Solid	5035	

Analysis Batch: 254090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-11	TMW-33 (50-55)	Total/NA	Solid	8260D	254062
890-8583-12	TMW-33 (55-60)	Total/NA	Solid	8260D	254062
MB 860-254090/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254090/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254090/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Total/NA	Solid	Total BTEX	
890-8583-2	TMW-33 (5-10)	Total/NA	Solid	Total BTEX	
890-8583-3	TMW-33 (10-15)	Total/NA	Solid	Total BTEX	
890-8583-4	TMW-33 (15-20)	Total/NA	Solid	Total BTEX	
890-8583-5	TMW-33 (20-25)	Total/NA	Solid	Total BTEX	
890-8583-6	TMW-33 (25-30)	Total/NA	Solid	Total BTEX	
890-8583-7	TMW-33 (30-35)	Total/NA	Solid	Total BTEX	
890-8583-8	TMW-33 (35-40)	Total/NA	Solid	Total BTEX	
890-8583-9	TMW-33 (40-45)	Total/NA	Solid	Total BTEX	
890-8583-10	TMW-33 (45-50)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

GC/MS VOA (Continued)

Analysis Batch: 254436 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-11	TMW-33 (50-55)	Total/NA	Solid	Total BTEX	
890-8583-12	TMW-33 (55-60)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Total/NA	Solid	8015NM Prep	
890-8583-2	TMW-33 (5-10)	Total/NA	Solid	8015NM Prep	
890-8583-3	TMW-33 (10-15)	Total/NA	Solid	8015NM Prep	
890-8583-4	TMW-33 (15-20)	Total/NA	Solid	8015NM Prep	
890-8583-5	TMW-33 (20-25)	Total/NA	Solid	8015NM Prep	
890-8583-6	TMW-33 (25-30)	Total/NA	Solid	8015NM Prep	
890-8583-7	TMW-33 (30-35)	Total/NA	Solid	8015NM Prep	
890-8583-8	TMW-33 (35-40)	Total/NA	Solid	8015NM Prep	
890-8583-9	TMW-33 (40-45)	Total/NA	Solid	8015NM Prep	
890-8583-10	TMW-33 (45-50)	Total/NA	Solid	8015NM Prep	
890-8583-11	TMW-33 (50-55)	Total/NA	Solid	8015NM Prep	
890-8583-12	TMW-33 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116230/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116230/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116230/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8583-1 MS	TMW-33 (0-5)	Total/NA	Solid	8015NM Prep	
890-8583-1 MSD	TMW-33 (0-5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Total/NA	Solid	8015B NM	116230
890-8583-2	TMW-33 (5-10)	Total/NA	Solid	8015B NM	116230
890-8583-3	TMW-33 (10-15)	Total/NA	Solid	8015B NM	116230
890-8583-4	TMW-33 (15-20)	Total/NA	Solid	8015B NM	116230
890-8583-5	TMW-33 (20-25)	Total/NA	Solid	8015B NM	116230
890-8583-6	TMW-33 (25-30)	Total/NA	Solid	8015B NM	116230
890-8583-7	TMW-33 (30-35)	Total/NA	Solid	8015B NM	116230
890-8583-8	TMW-33 (35-40)	Total/NA	Solid	8015B NM	116230
890-8583-9	TMW-33 (40-45)	Total/NA	Solid	8015B NM	116230
890-8583-10	TMW-33 (45-50)	Total/NA	Solid	8015B NM	116230
890-8583-11	TMW-33 (50-55)	Total/NA	Solid	8015B NM	116230
890-8583-12	TMW-33 (55-60)	Total/NA	Solid	8015B NM	116230
MB 880-116230/1-A	Method Blank	Total/NA	Solid	8015B NM	116230
LCS 880-116230/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116230
LCSD 880-116230/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116230
890-8583-1 MS	TMW-33 (0-5)	Total/NA	Solid	8015B NM	116230
890-8583-1 MSD	TMW-33 (0-5)	Total/NA	Solid	8015B NM	116230

Analysis Batch: 116715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Total/NA	Solid	8015 NM	
890-8583-2	TMW-33 (5-10)	Total/NA	Solid	8015 NM	
890-8583-3	TMW-33 (10-15)	Total/NA	Solid	8015 NM	
890-8583-4	TMW-33 (15-20)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

GC Semi VOA (Continued)

Analysis Batch: 116715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-5	TMW-33 (20-25)	Total/NA	Solid	8015 NM	
890-8583-6	TMW-33 (25-30)	Total/NA	Solid	8015 NM	
890-8583-7	TMW-33 (30-35)	Total/NA	Solid	8015 NM	
890-8583-8	TMW-33 (35-40)	Total/NA	Solid	8015 NM	
890-8583-9	TMW-33 (40-45)	Total/NA	Solid	8015 NM	
890-8583-10	TMW-33 (45-50)	Total/NA	Solid	8015 NM	
890-8583-11	TMW-33 (50-55)	Total/NA	Solid	8015 NM	
890-8583-12	TMW-33 (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Soluble	Solid	DI Leach	
890-8583-2	TMW-33 (5-10)	Soluble	Solid	DI Leach	
890-8583-3	TMW-33 (10-15)	Soluble	Solid	DI Leach	
890-8583-4	TMW-33 (15-20)	Soluble	Solid	DI Leach	
890-8583-5	TMW-33 (20-25)	Soluble	Solid	DI Leach	
890-8583-6	TMW-33 (25-30)	Soluble	Solid	DI Leach	
890-8583-7	TMW-33 (30-35)	Soluble	Solid	DI Leach	
890-8583-8	TMW-33 (35-40)	Soluble	Solid	DI Leach	
890-8583-9	TMW-33 (40-45)	Soluble	Solid	DI Leach	
890-8583-10	TMW-33 (45-50)	Soluble	Solid	DI Leach	
890-8583-11	TMW-33 (50-55)	Soluble	Solid	DI Leach	
890-8583-12	TMW-33 (55-60)	Soluble	Solid	DI Leach	
MB 880-116267/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116267/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116267/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8583-1 MS	TMW-33 (0-5)	Soluble	Solid	DI Leach	
890-8583-1 MSD	TMW-33 (0-5)	Soluble	Solid	DI Leach	
890-8583-11 MS	TMW-33 (50-55)	Soluble	Solid	DI Leach	
890-8583-11 MSD	TMW-33 (50-55)	Soluble	Solid	DI Leach	

Analysis Batch: 116405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1	TMW-33 (0-5)	Soluble	Solid	300.0	116267
890-8583-2	TMW-33 (5-10)	Soluble	Solid	300.0	116267
890-8583-3	TMW-33 (10-15)	Soluble	Solid	300.0	116267
890-8583-4	TMW-33 (15-20)	Soluble	Solid	300.0	116267
890-8583-5	TMW-33 (20-25)	Soluble	Solid	300.0	116267
890-8583-6	TMW-33 (25-30)	Soluble	Solid	300.0	116267
890-8583-7	TMW-33 (30-35)	Soluble	Solid	300.0	116267
890-8583-8	TMW-33 (35-40)	Soluble	Solid	300.0	116267
890-8583-9	TMW-33 (40-45)	Soluble	Solid	300.0	116267
890-8583-10	TMW-33 (45-50)	Soluble	Solid	300.0	116267
890-8583-11	TMW-33 (50-55)	Soluble	Solid	300.0	116267
890-8583-12	TMW-33 (55-60)	Soluble	Solid	300.0	116267
MB 880-116267/1-A	Method Blank	Soluble	Solid	300.0	116267
LCS 880-116267/2-A	Lab Control Sample	Soluble	Solid	300.0	116267
LCSD 880-116267/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116267
890-8583-1 MS	TMW-33 (0-5)	Soluble	Solid	300.0	116267

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

HPLC/IC (Continued)

Analysis Batch: 116405 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8583-1 MSD	TMW-33 (0-5)	Soluble	Solid	300.0	116267
890-8583-11 MS	TMW-33 (50-55)	Soluble	Solid	300.0	116267
890-8583-11 MSD	TMW-33 (50-55)	Soluble	Solid	300.0	116267

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (0-5)
Date Collected: 08/06/25 08:11
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 17:01	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 17:01	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 19:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 19:21	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 17:02	CS	EET MID

Client Sample ID: TMW-33 (5-10)
Date Collected: 08/06/25 08:13
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 17:25	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 17:25	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 20:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 20:19	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 17:24	CS	EET MID

Client Sample ID: TMW-33 (10-15)
Date Collected: 08/06/25 08:15
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 17:49	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 17:49	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 20:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 20:39	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 17:32	CS	EET MID

Client Sample ID: TMW-33 (15-20)
Date Collected: 08/06/25 08:17
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 18:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 18:12	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (15-20)
Date Collected: 08/06/25 08:17
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116715	08/13/25 20:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 20:58	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 17:40	CS	EET MID

Client Sample ID: TMW-33 (20-25)
Date Collected: 08/06/25 08:18
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 18:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 18:36	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 21:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 21:17	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 17:47	CS	EET MID

Client Sample ID: TMW-33 (25-30)
Date Collected: 08/06/25 08:24
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 19:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 19:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 21:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 21:36	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 18:10	CS	EET MID

Client Sample ID: TMW-33 (30-35)
Date Collected: 08/06/25 08:26
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 19:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 19:24	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 21:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 21:56	SA	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (30-35)
Date Collected: 08/06/25 08:26
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 18:18	CS	EET MID

Client Sample ID: TMW-33 (35-40)
Date Collected: 08/06/25 08:28
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 19:48	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 19:48	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 22:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 22:15	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 18:25	CS	EET MID

Client Sample ID: TMW-33 (40-45)
Date Collected: 08/06/25 08:30
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 20:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 20:12	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 22:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 22:35	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 18:33	CS	EET MID

Client Sample ID: TMW-33 (45-50)
Date Collected: 08/06/25 08:32
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 20:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/08/25 20:36	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 22:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 22:55	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 18:42	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Client Sample ID: TMW-33 (50-55)
Date Collected: 08/06/25 08:34
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 02:34	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/09/25 02:34	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 23:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 23:33	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 18:50	CS	EET MID

Client Sample ID: TMW-33 (55-60)
Date Collected: 08/06/25 08:36
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8583-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 02:58	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254436	08/09/25 02:58	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116715	08/13/25 23:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/13/25 23:52	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 19:13	CS	EET MID

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8583-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8583-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8583-1	TMW-33 (0-5)	Solid	08/06/25 08:11	08/07/25 09:15	Texas
890-8583-2	TMW-33 (5-10)	Solid	08/06/25 08:13	08/07/25 09:15	Texas
890-8583-3	TMW-33 (10-15)	Solid	08/06/25 08:15	08/07/25 09:15	Texas
890-8583-4	TMW-33 (15-20)	Solid	08/06/25 08:17	08/07/25 09:15	Texas
890-8583-5	TMW-33 (20-25)	Solid	08/06/25 08:18	08/07/25 09:15	Texas
890-8583-6	TMW-33 (25-30)	Solid	08/06/25 08:24	08/07/25 09:15	Texas
890-8583-7	TMW-33 (30-35)	Solid	08/06/25 08:26	08/07/25 09:15	Texas
890-8583-8	TMW-33 (35-40)	Solid	08/06/25 08:28	08/07/25 09:15	Texas
890-8583-9	TMW-33 (40-45)	Solid	08/06/25 08:30	08/07/25 09:15	Texas
890-8583-10	TMW-33 (45-50)	Solid	08/06/25 08:32	08/07/25 09:15	Texas
890-8583-11	TMW-33 (50-55)	Solid	08/06/25 08:34	08/07/25 09:15	Texas
890-8583-12	TMW-33 (55-60)	Solid	08/06/25 08:36	08/07/25 09:15	Texas

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

890-8583 Chain of Custody

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier:
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State:
Company: Terracon Consulting Eng & Scientists	PWSID:		
Address: 5847 50th St	Due Date Requested:		
City: Lubbock	TAT Requested (days):		
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Purchase Order not required		
Email: john.grams@terracon.com	WO #:		
Project Name: EBDU 37	Project #: 88002619		
Site:	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
Preservation Code:							N		
TMW-33 (0-5)	8/6/25	8:11	Comp	Solid			X	1	
TMW-33 (5-10)	8/6/25	8:13		Solid				1	
TMW-33 (10-15)	8/6/25	8:15		Solid				1	
TMW-33 (15-20)	8/6/25	8:17		Solid				1	
TMW-33 (20-25)	8/6/25	8:18		Solid				1	
TMW-33 (25-30)	8/6/25	8:24		Solid				1	
TMW-33 (30-35)	8/6/25	8:26		Solid				1	
TMW-33 (35-40)	8/6/25	8:28		Solid				1	
TMW-33 (40-45)	8/6/25	8:30		Solid				1	
TMW-33 (45-50)	8/6/25	8:32		Solid				1	
TMW-33 (50-55)	8/6/25	8:34		Solid				1	

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		08/07/25 0448			8/7/25 710	
2		8/7/25 915			8/7 915	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TNM007 -0.2 2.6 2.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.7
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 7 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:	Analysis Requested		Preservation Codes: N - None
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			Other:
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
~~TMW-55 (55-60)~~	X	X	X	Solid					
TMW-33 (55-60)	8/6/25	8:36	comp	Solid			X	1	
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	08/07/25 0448		[signature]	8/7/25 710	
2	[signature]	8/7/25 915		[signature]	8/7 915	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TRM007 -0.2 2.6 2.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5625.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8583-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/13/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMN-33 (0-5) (890-8583-1)	8/6/25	08:11 Central	G	Solid			X	X	2	
TMN-33 (5-10) (890-8583-2)	8/6/25	08:13 Central	G	Solid			X	X	2	
TMN-33 (10-15) (890-8583-3)	8/6/25	08:15 Central	G	Solid			X	X	2	
TMN-33 (15-20) (890-8583-4)	8/6/25	08:17 Central	G	Solid			X	X	2	
TMN-33 (20-25) (890-8583-5)	8/6/25	08:18 Central	G	Solid			X	X	2	
TMN-33 (25-30) (890-8583-6)	8/6/25	08:24 Central	G	Solid			X	X	2	
TMN-33 (30-35) (890-8583-7)	8/6/25	08:26 Central	G	Solid			X	X	2	
TMN-33 (35-40) (890-8583-8)	8/6/25	08:28 Central	G	Solid			X	X	2	
TMN-33 (40-45) (890-8583-9)	8/6/25	08:30 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/8	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: th 0362 22

Ver: 10/10/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5625.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8583-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/13/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMN-33 (45-50) (890-8583-10)	8/6/25	08:32 Central	G	Solid			X	X	2	
TMN-33 (50-55) (890-8583-11)	8/6/25	08:34 Central	G	Solid			X	X	2	
TMN-33 (55-60) (890-8583-12)	8/6/25	08:36 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 8/18 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 6TUV36 2.2

Ver: 10/10/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5628.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8583-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/13/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_PrepFull TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMN-33 (0-5) (890-8583-1)	8/6/25	08:11 Central	G	Solid			X	X	X	2	
TMN-33 (5-10) (890-8583-2)	8/6/25	08:13 Central	G	Solid			X	X	X	2	
TMN-33 (10-15) (890-8583-3)	8/6/25	08:15 Central	G	Solid			X	X	X	2	
TMN-33 (15-20) (890-8583-4)	8/6/25	08:17 Central	G	Solid			X	X	X	2	
TMN-33 (20-25) (890-8583-5)	8/6/25	08:18 Central	G	Solid			X	X	X	2	
TMN-33 (25-30) (890-8583-6)	8/6/25	08:24 Central	G	Solid			X	X	X	2	
TMN-33 (30-35) (890-8583-7)	8/6/25	08:26 Central	G	Solid			X	X	X	2	
TMN-33 (35-40) (890-8583-8)	8/6/25	08:28 Central	G	Solid			X	X	X	2	
TMN-33 (40-45) (890-8583-9)	8/6/25	08:30 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	8/7 1630		[signature]		
2	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 8/8/25 800	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.9/1.8 -1 THR

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

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8/19/2025 (Rev. 1)

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5628.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8583-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/13/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_PrepFull TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMN-33 (45-50) (890-8583-10)	8/6/25	08:32 Central	G	Solid			X	X	X	2	
TMN-33 (50-55) (890-8583-11)	8/6/25	08:34 Central	G	Solid			X	X	X	2	
TMN-33 (55-60) (890-8583-12)	8/6/25	08:36 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	8/7 1630		[signature]		
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/8/25 700	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8583-1

Login Number: 8583 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Lopez, Abraham

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8583-1

Login Number: 8583
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/08/25 12:30 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8583-1

Login Number: 8583
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/08/25 09:39 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 4:30:52 PM Revision 1

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8584-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/19/2025 4:30:52 PM
Revision 1

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8584-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8584-1
Project: EBDU 37

Job ID: 890-8584-1 Eurofins Carlsbad

Job Narrative
890-8584-1

REVISION

The report being provided is a revision of the original report sent on 8/14/2025. The report (revision 1) is being revised due to Revised report to review possible lab contamination near the detection limit..

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

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

Receipt
The samples were received on 8/7/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW - 44 (0 - 5) (890-8584-1), TMW - 44 (5 - 10) (890-8584-2), TMW - 44 (10 - 15) (890-8584-3), TMW - 44 (15 - 20) (890-8584-4), TMW - 44 (20 - 25) (890-8584-5), TMW - 44 (25 - 30) (890-8584-6), TMW - 44 (30 - 35) (890-8584-7), TMW - 44 (35 - 40) (890-8584-8), TMW - 44 (40 - 45) (890-8584-9), TMW - 44 (45 - 50) (890-8584-10), TMW - 44 (50 - 55) (890-8584-11) and TMW - 44 (55 - 60) (890-8584-12).

GC/MS VOA
Method 8260D: Samples are in a bulk jar

TMW - 44 (0 - 5) (890-8584-1), TMW - 44 (5 - 10) (890-8584-2), TMW - 44 (10 - 15) (890-8584-3), TMW - 44 (15 - 20) (890-8584-4), TMW - 44 (20 - 25) (890-8584-5) and (890-8584-B-5-B MS)

Method 8260D: Sample is in a bulk jar.

TMW - 44 (25 - 30) (890-8584-6), TMW - 44 (30 - 35) (890-8584-7), TMW - 44 (35 - 40) (890-8584-8), TMW - 44 (40 - 45) (890-8584-9), TMW - 44 (45 - 50) (890-8584-10), TMW - 44 (50 - 55) (890-8584-11) and TMW - 44 (55 - 60) (890-8584-12)

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

Diesel Range Organics
Method 8015MOD_NM: The method blank for preparation batch 880-116231 and analytical batch 880-116617 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-116230 and analytical batch 880-116700 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116230 and analytical batch 880-116700 was outside the upper control limits.

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8584-1
Project: EBDU 37

Job ID: 890-8584-1 (Continued) Eurofins Carlsbad

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (0 - 5)

Lab Sample ID: 890-8584-1
Matrix: Solid
Date Collected: 08/06/25 12:22
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000988	U	0.000988	0.000378	mg/Kg		08/08/25 16:15	08/09/25 08:33	1
Toluene	<0.00494	U	0.00494	0.00120	mg/Kg		08/08/25 16:15	08/09/25 08:33	1
Ethylbenzene	<0.000988	U	0.000988	0.000301	mg/Kg		08/08/25 16:15	08/09/25 08:33	1
m,p-Xylenes	<0.00198	U	0.00198	0.000428	mg/Kg		08/08/25 16:15	08/09/25 08:33	1
o-Xylene	<0.000988	U	0.000988	0.000312	mg/Kg		08/08/25 16:15	08/09/25 08:33	1
Xylenes, Total	<0.00198	U	0.00198	0.000428	mg/Kg		08/08/25 16:15	08/09/25 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*56 - 150*	*08/08/25 16:15*	*08/09/25 08:33*	*1*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/08/25 16:15*	*08/09/25 08:33*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:15*	*08/09/25 08:33*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/08/25 16:15*	*08/09/25 08:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000428	mg/Kg			08/09/25 08:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/25 00:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 00:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 00:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/08/25 11:16*	*08/14/25 00:12*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/08/25 11:16*	*08/14/25 00:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**254**		10.1	0.398	mg/Kg			08/12/25 19:21	1

Client Sample ID: TMW - 44 (5 - 10)

Lab Sample ID: 890-8584-2
Matrix: Solid
Date Collected: 08/06/25 12:24
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994	0.000380	mg/Kg		08/08/25 16:15	08/09/25 08:57	1
Toluene	<0.00497	U	0.00497	0.00120	mg/Kg		08/08/25 16:15	08/09/25 08:57	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/08/25 16:15	08/09/25 08:57	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/09/25 08:57	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/08/25 16:15	08/09/25 08:57	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/09/25 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*08/08/25 16:15*	*08/09/25 08:57*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 890-8584-1
Project/Site: EBDU 37

Client Sample ID: TMW - 44 (5 - 10) Lab Sample ID: 890-8584-2

Date Collected: 08/06/25 12:24 **Matrix: Solid**
Date Received: 08/07/25 09:25

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/08/25 16:15*	*08/09/25 08:57*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:15*	*08/09/25 08:57*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/08/25 16:15*	*08/09/25 08:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000430	mg/Kg			08/09/25 08:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/25 00:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 00:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 00:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*74*		*70 - 130*	*08/08/25 11:16*	*08/14/25 00:32*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/08/25 11:16*	*08/14/25 00:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**589**		10.0	0.396	mg/Kg			08/12/25 19:59	1

Client Sample ID: TMW - 44 (10 - 15) Lab Sample ID: 890-8584-3

Date Collected: 08/06/25 12:26 **Matrix: Solid**
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/08/25 16:15	08/09/25 09:21	1
Toluene	<0.00496	U	0.00496	0.00120	mg/Kg		08/08/25 16:15	08/09/25 09:21	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/08/25 16:15	08/09/25 09:21	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/09/25 09:21	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/08/25 16:15	08/09/25 09:21	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/09/25 09:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/08/25 16:15*	*08/09/25 09:21*	*1*
4-Bromofluorobenzene (Surr)	*88*		*68 - 152*	*08/08/25 16:15*	*08/09/25 09:21*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*08/08/25 16:15*	*08/09/25 09:21*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/08/25 16:15*	*08/09/25 09:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/09/25 09:21	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (10 - 15)

Lab Sample ID: 890-8584-3
Matrix: Solid
Date Collected: 08/06/25 12:26
Date Received: 08/07/25 09:25

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/14/25 00:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/14/25 00:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/14/25 00:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/14/25 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*08/08/25 11:16*	*08/14/25 00:51*	*1*
o-Terphenyl	*89*		*70 - 130*	*08/08/25 11:16*	*08/14/25 00:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**238**		9.96	0.393	mg/Kg			08/12/25 20:06	1

Client Sample ID: TMW - 44 (15 - 20)

Lab Sample ID: 890-8584-4
Matrix: Solid
Date Collected: 08/06/25 12:28
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994	0.000380	mg/Kg		08/08/25 16:15	08/09/25 09:45	1
Toluene	<0.00497	U	0.00497	0.00120	mg/Kg		08/08/25 16:15	08/09/25 09:45	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/08/25 16:15	08/09/25 09:45	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/09/25 09:45	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/08/25 16:15	08/09/25 09:45	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/09/25 09:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*56 - 150*	*08/08/25 16:15*	*08/09/25 09:45*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:15*	*08/09/25 09:45*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/08/25 16:15*	*08/09/25 09:45*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/08/25 16:15*	*08/09/25 09:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000430	mg/Kg			08/09/25 09:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/25 01:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 01:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 01:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 01:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (15 - 20)

Date Collected: 08/06/25 12:28
Date Received: 08/07/25 09:25

Lab Sample ID: 890-8584-4
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*08/08/25 11:16*	*08/14/25 01:10*	*1*
o-Terphenyl	*89*		*70 - 130*	*08/08/25 11:16*	*08/14/25 01:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		9.98	0.394	mg/Kg			08/12/25 20:14	1

Client Sample ID: TMW - 44 (20 - 25)

Date Collected: 08/06/25 12:30
Date Received: 08/07/25 09:25

Lab Sample ID: 890-8584-5
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/08/25 16:15	08/09/25 10:09	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/08/25 16:15	08/09/25 10:09	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/08/25 16:15	08/09/25 10:09	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/09/25 10:09	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/08/25 16:15	08/09/25 10:09	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/09/25 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*56 - 150*	*08/08/25 16:15*	*08/09/25 10:09*	*1*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/08/25 16:15*	*08/09/25 10:09*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/08/25 16:15*	*08/09/25 10:09*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/08/25 16:15*	*08/09/25 10:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/09/25 10:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/25 01:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 01:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 01:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/08/25 11:16*	*08/14/25 01:31*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/08/25 11:16*	*08/14/25 01:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.4**		9.98	0.394	mg/Kg			08/12/25 20:21	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (25 - 30)

Lab Sample ID: 890-8584-6
Matrix: Solid
Date Collected: 08/06/25 12:32
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/08/25 16:15	08/11/25 11:42	1
Toluene	**0.00145**	**J**	0.00496	0.00120	mg/Kg		08/08/25 16:15	08/11/25 11:42	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/08/25 16:15	08/11/25 11:42	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 11:42	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/08/25 16:15	08/11/25 11:42	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*56 - 150*	*08/08/25 16:15*	*08/11/25 11:42*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:15*	*08/11/25 11:42*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/08/25 16:15*	*08/11/25 11:42*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/08/25 16:15*	*08/11/25 11:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00145**	**J**	0.00198	0.000429	mg/Kg			08/11/25 11:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/14/25 01:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/14/25 01:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/14/25 01:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:16	08/14/25 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*08/08/25 11:16*	*08/14/25 01:50*	*1*
o-Terphenyl	*79*		*70 - 130*	*08/08/25 11:16*	*08/14/25 01:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.2**		9.94	0.393	mg/Kg			08/12/25 20:29	1

Client Sample ID: TMW - 44 (30 - 35)

Lab Sample ID: 890-8584-7
Matrix: Solid
Date Collected: 08/06/25 12:34
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/08/25 16:15	08/11/25 12:06	1
Toluene	**0.00138**	**J**	0.00495	0.00120	mg/Kg		08/08/25 16:15	08/11/25 12:06	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/08/25 16:15	08/11/25 12:06	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 12:06	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/08/25 16:15	08/11/25 12:06	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/08/25 16:15*	*08/11/25 12:06*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8584-1
Project/Site: EBDU 37

Client Sample ID: TMW - 44 (30 - 35)
Lab Sample ID: 890-8584-7
Date Collected: 08/06/25 12:34
Matrix: Solid
Date Received: 08/07/25 09:25

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/08/25 16:15*	*08/11/25 12:06*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:15*	*08/11/25 12:06*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/08/25 16:15*	*08/11/25 12:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00138**	**J**	0.00198	0.000429	mg/Kg			08/11/25 12:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/25 02:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 02:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 02:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:16	08/14/25 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*08/08/25 11:16*	*08/14/25 02:09*	*1*
o-Terphenyl	*82*		*70 - 130*	*08/08/25 11:16*	*08/14/25 02:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77.3**		9.90	0.391	mg/Kg			08/12/25 20:37	1

Client Sample ID: TMW - 44 (35 - 40)
Lab Sample ID: 890-8584-8
Date Collected: 08/06/25 12:36
Matrix: Solid
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/08/25 16:15	08/11/25 12:30	1
Toluene	**0.00156**	**J**	0.00496	0.00120	mg/Kg		08/08/25 16:15	08/11/25 12:30	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/08/25 16:15	08/11/25 12:30	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 12:30	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/08/25 16:15	08/11/25 12:30	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*56 - 150*	*08/08/25 16:15*	*08/11/25 12:30*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:15*	*08/11/25 12:30*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:15*	*08/11/25 12:30*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/08/25 16:15*	*08/11/25 12:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00156**	**J**	0.00198	0.000429	mg/Kg			08/11/25 12:30	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (35 - 40)

Lab Sample ID: 890-8584-8
Matrix: Solid
Date Collected: 08/06/25 12:36
Date Received: 08/07/25 09:25

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/25 02:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 02:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 02:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:16	08/14/25 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*08/08/25 11:16*	*08/14/25 02:28*	*1*
o-Terphenyl	*82*		*70 - 130*	*08/08/25 11:16*	*08/14/25 02:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.5**		9.90	0.391	mg/Kg			08/12/25 20:44	1

Client Sample ID: TMW - 44 (40 - 45)

Lab Sample ID: 890-8584-9
Matrix: Solid
Date Collected: 08/06/25 12:38
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000418**	**J**	0.000994	0.000380	mg/Kg		08/08/25 16:15	08/11/25 12:54	1
Toluene	**0.00172**	**J**	0.00497	0.00120	mg/Kg		08/08/25 16:15	08/11/25 12:54	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/08/25 16:15	08/11/25 12:54	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/11/25 12:54	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/08/25 16:15	08/11/25 12:54	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/11/25 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*56 - 150*	*08/08/25 16:15*	*08/11/25 12:54*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/08/25 16:15*	*08/11/25 12:54*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:15*	*08/11/25 12:54*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/08/25 16:15*	*08/11/25 12:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00214**		0.00199	0.000430	mg/Kg			08/11/25 12:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/13/25 21:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/13/25 21:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/13/25 21:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/13/25 21:30	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (40 - 45)

Lab Sample ID: 890-8584-9
Matrix: Solid
Date Collected: 08/06/25 12:38
Date Received: 08/07/25 09:25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*08/08/25 11:18*	*08/13/25 21:30*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/08/25 11:18*	*08/13/25 21:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.9**		10.0	0.396	mg/Kg			08/12/25 21:45	1

Client Sample ID: TMW - 44 (45 - 50)

Lab Sample ID: 890-8584-10
Matrix: Solid
Date Collected: 08/06/25 12:40
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000404**	**J**	0.000990	0.000379	mg/Kg		08/08/25 16:15	08/11/25 13:18	1
Toluene	**0.00179**	**J**	0.00495	0.00120	mg/Kg		08/08/25 16:15	08/11/25 13:18	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/08/25 16:15	08/11/25 13:18	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 13:18	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/08/25 16:15	08/11/25 13:18	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*56 - 150*	*08/08/25 16:15*	*08/11/25 13:18*	*1*
4-Bromofluorobenzene (Surr)	*89*		*68 - 152*	*08/08/25 16:15*	*08/11/25 13:18*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/08/25 16:15*	*08/11/25 13:18*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/08/25 16:15*	*08/11/25 13:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00219**		0.00198	0.000429	mg/Kg			08/11/25 13:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/13/25 22:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 22:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 22:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/08/25 11:18*	*08/13/25 22:18*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/08/25 11:18*	*08/13/25 22:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.8**		10.0	0.395	mg/Kg			08/12/25 22:08	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (50 - 55)

Lab Sample ID: 890-8584-11
Matrix: Solid
Date Collected: 08/06/25 12:42
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994	0.000380	mg/Kg		08/08/25 16:15	08/11/25 13:41	1
Toluene	<0.00497	U	0.00497	0.00120	mg/Kg		08/08/25 16:15	08/11/25 13:41	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/08/25 16:15	08/11/25 13:41	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/11/25 13:41	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/08/25 16:15	08/11/25 13:41	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/11/25 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*56 - 150*	*08/08/25 16:15*	*08/11/25 13:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/08/25 16:15*	*08/11/25 13:41*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*08/08/25 16:15*	*08/11/25 13:41*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/08/25 16:15*	*08/11/25 13:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000430	mg/Kg			08/11/25 13:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/13/25 22:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/13/25 22:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/13/25 22:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/13/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/08/25 11:18*	*08/13/25 22:35*	*1*
o-Terphenyl	*71*		*70 - 130*	*08/08/25 11:18*	*08/13/25 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.6**		10.0	0.397	mg/Kg			08/12/25 22:15	1

Client Sample ID: TMW - 44 (55 - 60)

Lab Sample ID: 890-8584-12
Matrix: Solid
Date Collected: 08/06/25 12:44
Date Received: 08/07/25 09:25

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/08/25 16:15	08/11/25 14:05	1
Toluene	**0.00139**	**J**	0.00496	0.00120	mg/Kg		08/08/25 16:15	08/11/25 14:05	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/08/25 16:15	08/11/25 14:05	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 14:05	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/08/25 16:15	08/11/25 14:05	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/11/25 14:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*56 - 150*	*08/08/25 16:15*	*08/11/25 14:05*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (55 - 60)
Date Collected: 08/06/25 12:44
Date Received: 08/07/25 09:25

Lab Sample ID: 890-8584-12
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*68 - 152*	*08/08/25 16:15*	*08/11/25 14:05*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*08/08/25 16:15*	*08/11/25 14:05*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/08/25 16:15*	*08/11/25 14:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00139**	**J**	0.00198	0.000429	mg/Kg			08/11/25 14:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			08/13/25 22:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		08/08/25 11:18	08/13/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		08/08/25 11:18	08/13/25 22:51	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		08/08/25 11:18	08/13/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/08/25 11:18*	*08/13/25 22:51*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/08/25 11:18*	*08/13/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.4**		9.98	0.394	mg/Kg			08/12/25 22:23	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
890-8584-1	TMW - 44 (0 - 5)	124	90	100	94
890-8584-2	TMW - 44 (5 - 10)	110	90	100	94
890-8584-3	TMW - 44 (10 - 15)	112	88	99	96
890-8584-4	TMW - 44 (15 - 20)	116	92	101	93
890-8584-5	TMW - 44 (20 - 25)	126	90	103	94
890-8584-5 MS	TMW - 44 (20 - 25)	115	99	96	100
890-8584-6	TMW - 44 (25 - 30)	119	92	97	99
890-8584-7	TMW - 44 (30 - 35)	108	90	100	96
890-8584-8	TMW - 44 (35 - 40)	125	92	100	96
890-8584-9	TMW - 44 (40 - 45)	122	93	100	95
890-8584-10	TMW - 44 (45 - 50)	119	89	102	93
890-8584-11	TMW - 44 (50 - 55)	123	94	105	97
890-8584-12	TMW - 44 (55 - 60)	116	89	105	91
LCS 860-254090/3	Lab Control Sample	103	101	92	103
LCS 860-254215/3	Lab Control Sample	106	100	95	98
LCSD 860-254090/4	Lab Control Sample Dup	101	100	94	101
LCSD 860-254215/4	Lab Control Sample Dup	108	101	93	99
MB 860-254090/8	Method Blank	105	95	96	100
MB 860-254215/8	Method Blank	110	93	99	93

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8584-1	TMW - 44 (0 - 5)	77	77
890-8584-2	TMW - 44 (5 - 10)	74	74
890-8584-3	TMW - 44 (10 - 15)	86	89
890-8584-4	TMW - 44 (15 - 20)	87	89
890-8584-5	TMW - 44 (20 - 25)	75	77
890-8584-6	TMW - 44 (25 - 30)	78	79
890-8584-7	TMW - 44 (30 - 35)	81	82
890-8584-8	TMW - 44 (35 - 40)	81	82
890-8584-9	TMW - 44 (40 - 45)	79	75
890-8584-9 MS	TMW - 44 (40 - 45)	88	77
890-8584-9 MSD	TMW - 44 (40 - 45)	73	78
890-8584-10	TMW - 44 (45 - 50)	77	74
890-8584-11	TMW - 44 (50 - 55)	74	71
890-8584-12	TMW - 44 (55 - 60)	77	75
LCS 880-116230/2-A	Lab Control Sample	121	119
LCS 880-116231/2-A	Lab Control Sample	104	118
LCSD 880-116230/3-A	Lab Control Sample Dup	117	116
LCSD 880-116231/3-A	Lab Control Sample Dup	125	118

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8584-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
MB 880-116230/1-A	Method Blank	144 S1+	147 S1+								
MB 880-116231/1-A	Method Blank	118	120								

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

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

Lab Sample ID: 890-8584-5 MS
Matrix: Solid
Analysis Batch: 254090

Client Sample ID: TMW - 44 (20 - 25)
Prep Type: Total/NA
Prep Batch: 254062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000990	U	0.0498	0.04688		mg/Kg		94	71 - 119
Toluene	<0.00495	U	0.0498	0.04663		mg/Kg		94	74 - 122
Ethylbenzene	<0.000990	U	0.0498	0.05105		mg/Kg		103	80 - 123
m,p-Xylenes	<0.00198	U	0.0498	0.05367		mg/Kg		108	78 - 127
o-Xylene	<0.000990	U	0.0498	0.05280		mg/Kg		106	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*96*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 860-254090/8
Matrix: Solid
Analysis Batch: 254090

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/09/25 02:10	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/09/25 02:10	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/09/25 02:10	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/09/25 02:10	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/09/25 02:10	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/09/25 02:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*		*08/09/25 02:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*		*08/09/25 02:10*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*		*08/09/25 02:10*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/09/25 02:10*	*1*

Lab Sample ID: LCS 860-254090/3
Matrix: Solid
Analysis Batch: 254090

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04736		mg/Kg		95	66 - 142
Toluene	0.0500	0.04882		mg/Kg		98	74 - 130
Ethylbenzene	0.0500	0.05266		mg/Kg		105	80 - 130
m,p-Xylenes	0.0500	0.05382		mg/Kg		108	78 - 130
o-Xylene	0.0500	0.05323		mg/Kg		106	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*92*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

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

Lab Sample ID: LCSD 860-254090/4
Matrix: Solid
Analysis Batch: 254090

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04709		mg/Kg		94	66 - 142	1	25
Toluene			0.0500	0.04812		mg/Kg		96	74 - 130	1	25
Ethylbenzene			0.0500	0.05207		mg/Kg		104	80 - 130	1	25
m,p-Xylenes			0.0500	0.05304		mg/Kg		106	78 - 130	1	25
o-Xylene			0.0500	0.05226		mg/Kg		105	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*94*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 860-254215/8
Matrix: Solid
Analysis Batch: 254215

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/11/25 11:18	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/11/25 11:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/11/25 11:18	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 11:18	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/11/25 11:18	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 11:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*		*08/11/25 11:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*		*08/11/25 11:18*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/11/25 11:18*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/11/25 11:18*	*1*

Lab Sample ID: LCS 860-254215/3
Matrix: Solid
Analysis Batch: 254215

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05210		mg/Kg		104	66 - 142		
Toluene			0.0500	0.05257		mg/Kg		105	74 - 130		
Ethylbenzene			0.0500	0.05834		mg/Kg		117	80 - 130		
m,p-Xylenes			0.0500	0.06177		mg/Kg		124	78 - 130		
o-Xylene			0.0500	0.05752		mg/Kg		115	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

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

Lab Sample ID: LCSD 860-254215/4
Matrix: Solid
Analysis Batch: 254215

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04803		mg/Kg		96	66 - 142	8	25
Toluene			0.0500	0.04820		mg/Kg		96	74 - 130	9	25
Ethylbenzene			0.0500	0.05365		mg/Kg		107	80 - 130	8	25
m,p-Xylenes			0.0500	0.05617		mg/Kg		112	78 - 130	9	25
o-Xylene			0.0500	0.05367		mg/Kg		107	79 - 130	7	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*93*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116230/1-A
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116230

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/13/25 16:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/13/25 16:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:11	08/13/25 16:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*144*	*S1+*	*70 - 130*	*08/08/25 11:11*	*08/13/25 16:43*	*1*
o-Terphenyl	*147*	*S1+*	*70 - 130*	*08/08/25 11:11*	*08/13/25 16:43*	*1*

Lab Sample ID: LCS 880-116230/2-A
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116230

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	853.0		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	849.6		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*121*		*70 - 130*
o-Terphenyl	*119*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116230/3-A
Matrix: Solid
Analysis Batch: 116700

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116230

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	851.2		mg/Kg		85	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	830.7		mg/Kg		83	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

Lab Sample ID: MB 880-116231/1-A
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116231

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:12	08/13/25 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:12	08/13/25 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:12	08/13/25 20:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*08/08/25 11:12*	*08/13/25 20:42*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/08/25 11:12*	*08/13/25 20:42*	*1*

Lab Sample ID: LCS 880-116231/2-A
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116231

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1014		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: LCSD 880-116231/3-A
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116231

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	998.5		mg/Kg		100	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	943.5		mg/Kg		94	70 - 130	7	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116231/3-A
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116231

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	118		70 - 130

Lab Sample ID: 890-8584-9 MS
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: TMW - 44 (40 - 45)
Prep Type: Total/NA
Prep Batch: 116231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	895.6		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	877.5		mg/Kg		88	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	77		70 - 130

Lab Sample ID: 890-8584-9 MSD
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: TMW - 44 (40 - 45)
Prep Type: Total/NA
Prep Batch: 116231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	874.1		mg/Kg		87	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	926.1		mg/Kg		93	70 - 130	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	73		70 - 130
o-Terphenyl	78		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116267/1-A
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/12/25 16:39	1

Lab Sample ID: LCS 880-116267/2-A
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	242.4		mg/Kg		97	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-116267/3-A
Matrix: Solid
Analysis Batch: 116405

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	234.0		mg/Kg		94	90 - 110	4	20

Lab Sample ID: MB 880-116269/1-A
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/12/25 21:22	1

Lab Sample ID: LCS 880-116269/2-A
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.9		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-116269/3-A
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235.9		mg/Kg		94	90 - 110	3	20

Lab Sample ID: 890-8584-9 MS
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: TMW - 44 (40 - 45)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	65.9		251	317.2		mg/Kg		100	90 - 110		

Lab Sample ID: 890-8584-9 MSD
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: TMW - 44 (40 - 45)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	65.9		251	315.0		mg/Kg		99	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

GC/MS VOA

Prep Batch: 254062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Total/NA	Solid	5035	
890-8584-2	TMW - 44 (5 - 10)	Total/NA	Solid	5035	
890-8584-3	TMW - 44 (10 - 15)	Total/NA	Solid	5035	
890-8584-4	TMW - 44 (15 - 20)	Total/NA	Solid	5035	
890-8584-5	TMW - 44 (20 - 25)	Total/NA	Solid	5035	
890-8584-6	TMW - 44 (25 - 30)	Total/NA	Solid	5035	
890-8584-7	TMW - 44 (30 - 35)	Total/NA	Solid	5035	
890-8584-8	TMW - 44 (35 - 40)	Total/NA	Solid	5035	
890-8584-9	TMW - 44 (40 - 45)	Total/NA	Solid	5035	
890-8584-10	TMW - 44 (45 - 50)	Total/NA	Solid	5035	
890-8584-11	TMW - 44 (50 - 55)	Total/NA	Solid	5035	
890-8584-12	TMW - 44 (55 - 60)	Total/NA	Solid	5035	
890-8584-5 MS	TMW - 44 (20 - 25)	Total/NA	Solid	5035	

Analysis Batch: 254090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Total/NA	Solid	8260D	254062
890-8584-2	TMW - 44 (5 - 10)	Total/NA	Solid	8260D	254062
890-8584-3	TMW - 44 (10 - 15)	Total/NA	Solid	8260D	254062
890-8584-4	TMW - 44 (15 - 20)	Total/NA	Solid	8260D	254062
890-8584-5	TMW - 44 (20 - 25)	Total/NA	Solid	8260D	254062
MB 860-254090/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254090/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254090/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
890-8584-5 MS	TMW - 44 (20 - 25)	Total/NA	Solid	8260D	254062

Analysis Batch: 254215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-6	TMW - 44 (25 - 30)	Total/NA	Solid	8260D	254062
890-8584-7	TMW - 44 (30 - 35)	Total/NA	Solid	8260D	254062
890-8584-8	TMW - 44 (35 - 40)	Total/NA	Solid	8260D	254062
890-8584-9	TMW - 44 (40 - 45)	Total/NA	Solid	8260D	254062
890-8584-10	TMW - 44 (45 - 50)	Total/NA	Solid	8260D	254062
890-8584-11	TMW - 44 (50 - 55)	Total/NA	Solid	8260D	254062
890-8584-12	TMW - 44 (55 - 60)	Total/NA	Solid	8260D	254062
MB 860-254215/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254215/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254215/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Total/NA	Solid	Total BTEX	
890-8584-2	TMW - 44 (5 - 10)	Total/NA	Solid	Total BTEX	
890-8584-3	TMW - 44 (10 - 15)	Total/NA	Solid	Total BTEX	
890-8584-4	TMW - 44 (15 - 20)	Total/NA	Solid	Total BTEX	
890-8584-5	TMW - 44 (20 - 25)	Total/NA	Solid	Total BTEX	
890-8584-6	TMW - 44 (25 - 30)	Total/NA	Solid	Total BTEX	
890-8584-7	TMW - 44 (30 - 35)	Total/NA	Solid	Total BTEX	
890-8584-8	TMW - 44 (35 - 40)	Total/NA	Solid	Total BTEX	
890-8584-9	TMW - 44 (40 - 45)	Total/NA	Solid	Total BTEX	
890-8584-10	TMW - 44 (45 - 50)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8584-1
Project/Site: EBDU 37

GC/MS VOA (Continued)

Analysis Batch: 254438 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-11	TMW - 44 (50 - 55)	Total/NA	Solid	Total BTEX	
890-8584-12	TMW - 44 (55 - 60)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Total/NA	Solid	8015NM Prep	
890-8584-2	TMW - 44 (5 - 10)	Total/NA	Solid	8015NM Prep	
890-8584-3	TMW - 44 (10 - 15)	Total/NA	Solid	8015NM Prep	
890-8584-4	TMW - 44 (15 - 20)	Total/NA	Solid	8015NM Prep	
890-8584-5	TMW - 44 (20 - 25)	Total/NA	Solid	8015NM Prep	
890-8584-6	TMW - 44 (25 - 30)	Total/NA	Solid	8015NM Prep	
890-8584-7	TMW - 44 (30 - 35)	Total/NA	Solid	8015NM Prep	
890-8584-8	TMW - 44 (35 - 40)	Total/NA	Solid	8015NM Prep	
MB 880-116230/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116230/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116230/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 116231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-9	TMW - 44 (40 - 45)	Total/NA	Solid	8015NM Prep	
890-8584-10	TMW - 44 (45 - 50)	Total/NA	Solid	8015NM Prep	
890-8584-11	TMW - 44 (50 - 55)	Total/NA	Solid	8015NM Prep	
890-8584-12	TMW - 44 (55 - 60)	Total/NA	Solid	8015NM Prep	
MB 880-116231/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116231/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116231/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8584-9 MS	TMW - 44 (40 - 45)	Total/NA	Solid	8015NM Prep	
890-8584-9 MSD	TMW - 44 (40 - 45)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-9	TMW - 44 (40 - 45)	Total/NA	Solid	8015B NM	116231
890-8584-10	TMW - 44 (45 - 50)	Total/NA	Solid	8015B NM	116231
890-8584-11	TMW - 44 (50 - 55)	Total/NA	Solid	8015B NM	116231
890-8584-12	TMW - 44 (55 - 60)	Total/NA	Solid	8015B NM	116231
MB 880-116231/1-A	Method Blank	Total/NA	Solid	8015B NM	116231
LCS 880-116231/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116231
LCSD 880-116231/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116231
890-8584-9 MS	TMW - 44 (40 - 45)	Total/NA	Solid	8015B NM	116231
890-8584-9 MSD	TMW - 44 (40 - 45)	Total/NA	Solid	8015B NM	116231

Analysis Batch: 116685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Total/NA	Solid	8015 NM	
890-8584-2	TMW - 44 (5 - 10)	Total/NA	Solid	8015 NM	
890-8584-3	TMW - 44 (10 - 15)	Total/NA	Solid	8015 NM	
890-8584-4	TMW - 44 (15 - 20)	Total/NA	Solid	8015 NM	
890-8584-5	TMW - 44 (20 - 25)	Total/NA	Solid	8015 NM	
890-8584-6	TMW - 44 (25 - 30)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

GC Semi VOA (Continued)

Analysis Batch: 116685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-7	TMW - 44 (30 - 35)	Total/NA	Solid	8015 NM	
890-8584-8	TMW - 44 (35 - 40)	Total/NA	Solid	8015 NM	
890-8584-9	TMW - 44 (40 - 45)	Total/NA	Solid	8015 NM	
890-8584-10	TMW - 44 (45 - 50)	Total/NA	Solid	8015 NM	
890-8584-11	TMW - 44 (50 - 55)	Total/NA	Solid	8015 NM	
890-8584-12	TMW - 44 (55 - 60)	Total/NA	Solid	8015 NM	

Analysis Batch: 116700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Total/NA	Solid	8015B NM	116230
890-8584-2	TMW - 44 (5 - 10)	Total/NA	Solid	8015B NM	116230
890-8584-3	TMW - 44 (10 - 15)	Total/NA	Solid	8015B NM	116230
890-8584-4	TMW - 44 (15 - 20)	Total/NA	Solid	8015B NM	116230
890-8584-5	TMW - 44 (20 - 25)	Total/NA	Solid	8015B NM	116230
890-8584-6	TMW - 44 (25 - 30)	Total/NA	Solid	8015B NM	116230
890-8584-7	TMW - 44 (30 - 35)	Total/NA	Solid	8015B NM	116230
890-8584-8	TMW - 44 (35 - 40)	Total/NA	Solid	8015B NM	116230
MB 880-116230/1-A	Method Blank	Total/NA	Solid	8015B NM	116230
LCS 880-116230/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116230
LCSD 880-116230/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116230

HPLC/IC

Leach Batch: 116267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Soluble	Solid	DI Leach	
890-8584-2	TMW - 44 (5 - 10)	Soluble	Solid	DI Leach	
890-8584-3	TMW - 44 (10 - 15)	Soluble	Solid	DI Leach	
890-8584-4	TMW - 44 (15 - 20)	Soluble	Solid	DI Leach	
890-8584-5	TMW - 44 (20 - 25)	Soluble	Solid	DI Leach	
890-8584-6	TMW - 44 (25 - 30)	Soluble	Solid	DI Leach	
890-8584-7	TMW - 44 (30 - 35)	Soluble	Solid	DI Leach	
890-8584-8	TMW - 44 (35 - 40)	Soluble	Solid	DI Leach	
MB 880-116267/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116267/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116267/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 116269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-9	TMW - 44 (40 - 45)	Soluble	Solid	DI Leach	
890-8584-10	TMW - 44 (45 - 50)	Soluble	Solid	DI Leach	
890-8584-11	TMW - 44 (50 - 55)	Soluble	Solid	DI Leach	
890-8584-12	TMW - 44 (55 - 60)	Soluble	Solid	DI Leach	
MB 880-116269/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116269/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116269/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8584-9 MS	TMW - 44 (40 - 45)	Soluble	Solid	DI Leach	
890-8584-9 MSD	TMW - 44 (40 - 45)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

HPLC/IC

Analysis Batch: 116405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-1	TMW - 44 (0 - 5)	Soluble	Solid	300.0	116267
890-8584-2	TMW - 44 (5 - 10)	Soluble	Solid	300.0	116267
890-8584-3	TMW - 44 (10 - 15)	Soluble	Solid	300.0	116267
890-8584-4	TMW - 44 (15 - 20)	Soluble	Solid	300.0	116267
890-8584-5	TMW - 44 (20 - 25)	Soluble	Solid	300.0	116267
890-8584-6	TMW - 44 (25 - 30)	Soluble	Solid	300.0	116267
890-8584-7	TMW - 44 (30 - 35)	Soluble	Solid	300.0	116267
890-8584-8	TMW - 44 (35 - 40)	Soluble	Solid	300.0	116267
MB 880-116267/1-A	Method Blank	Soluble	Solid	300.0	116267
LCS 880-116267/2-A	Lab Control Sample	Soluble	Solid	300.0	116267
LCSD 880-116267/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116267

Analysis Batch: 116419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8584-9	TMW - 44 (40 - 45)	Soluble	Solid	300.0	116269
890-8584-10	TMW - 44 (45 - 50)	Soluble	Solid	300.0	116269
890-8584-11	TMW - 44 (50 - 55)	Soluble	Solid	300.0	116269
890-8584-12	TMW - 44 (55 - 60)	Soluble	Solid	300.0	116269
MB 880-116269/1-A	Method Blank	Soluble	Solid	300.0	116269
LCS 880-116269/2-A	Lab Control Sample	Soluble	Solid	300.0	116269
LCSD 880-116269/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116269
890-8584-9 MS	TMW - 44 (40 - 45)	Soluble	Solid	300.0	116269
890-8584-9 MSD	TMW - 44 (40 - 45)	Soluble	Solid	300.0	116269

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (0 - 5)

Lab Sample ID: 890-8584-1
Matrix: Solid
Date Collected: 08/06/25 12:22
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.06 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 08:33	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/09/25 08:33	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/14/25 00:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 00:12	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 19:21	CS	EET MID

Client Sample ID: TMW - 44 (5 - 10)

Lab Sample ID: 890-8584-2
Matrix: Solid
Date Collected: 08/06/25 12:24
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 08:57	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/09/25 08:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/14/25 00:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 00:32	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 19:59	CS	EET MID

Client Sample ID: TMW - 44 (10 - 15)

Lab Sample ID: 890-8584-3
Matrix: Solid
Date Collected: 08/06/25 12:26
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 09:21	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/09/25 09:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/14/25 00:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 00:51	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 20:06	CS	EET MID

Client Sample ID: TMW - 44 (15 - 20)

Lab Sample ID: 890-8584-4
Matrix: Solid
Date Collected: 08/06/25 12:28
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 09:45	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/09/25 09:45	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (15 - 20)
Date Collected: 08/06/25 12:28
Date Received: 08/07/25 09:25

Lab Sample ID: 890-8584-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116685	08/14/25 01:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 01:10	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 20:14	CS	EET MID

Client Sample ID: TMW - 44 (20 - 25)
Date Collected: 08/06/25 12:30
Date Received: 08/07/25 09:25

Lab Sample ID: 890-8584-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 10:09	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/09/25 10:09	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/14/25 01:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 01:31	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 20:21	CS	EET MID

Client Sample ID: TMW - 44 (25 - 30)
Date Collected: 08/06/25 12:32
Date Received: 08/07/25 09:25

Lab Sample ID: 890-8584-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 11:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/11/25 11:42	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/14/25 01:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 01:50	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 20:29	CS	EET MID

Client Sample ID: TMW - 44 (30 - 35)
Date Collected: 08/06/25 12:34
Date Received: 08/07/25 09:25

Lab Sample ID: 890-8584-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 12:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/11/25 12:06	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/14/25 02:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 02:09	SA	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (30 - 35)

Lab Sample ID: 890-8584-7
Matrix: Solid
Date Collected: 08/06/25 12:34
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 20:37	CS	EET MID

Client Sample ID: TMW - 44 (35 - 40)

Lab Sample ID: 890-8584-8
Matrix: Solid
Date Collected: 08/06/25 12:36
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 12:30	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/11/25 12:30	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/14/25 02:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116230	08/08/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116700	08/14/25 02:28	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116267	08/08/25 14:56	SMC	EET MID
Soluble	Analysis	300.0		1			116405	08/12/25 20:44	CS	EET MID

Client Sample ID: TMW - 44 (40 - 45)

Lab Sample ID: 890-8584-9
Matrix: Solid
Date Collected: 08/06/25 12:38
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 12:54	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/11/25 12:54	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/13/25 21:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 21:30	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 21:45	CS	EET MID

Client Sample ID: TMW - 44 (45 - 50)

Lab Sample ID: 890-8584-10
Matrix: Solid
Date Collected: 08/06/25 12:40
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 13:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/11/25 13:18	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/13/25 22:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 22:18	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 22:08	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Client Sample ID: TMW - 44 (50 - 55)

Lab Sample ID: 890-8584-11
Matrix: Solid
Date Collected: 08/06/25 12:42
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 13:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/11/25 13:41	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/13/25 22:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 22:35	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 22:15	CS	EET MID

Client Sample ID: TMW - 44 (55 - 60)

Lab Sample ID: 890-8584-12
Matrix: Solid
Date Collected: 08/06/25 12:44
Date Received: 08/07/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 14:05	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254438	08/11/25 14:05	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116685	08/13/25 22:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 22:23	CS	EET MID

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8584-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8584-1	TMW - 44 (0 - 5)	Solid	08/06/25 12:22	08/07/25 09:25	Texas
890-8584-2	TMW - 44 (5 - 10)	Solid	08/06/25 12:24	08/07/25 09:25	Texas
890-8584-3	TMW - 44 (10 - 15)	Solid	08/06/25 12:26	08/07/25 09:25	Texas
890-8584-4	TMW - 44 (15 - 20)	Solid	08/06/25 12:28	08/07/25 09:25	Texas
890-8584-5	TMW - 44 (20 - 25)	Solid	08/06/25 12:30	08/07/25 09:25	Texas
890-8584-6	TMW - 44 (25 - 30)	Solid	08/06/25 12:32	08/07/25 09:25	Texas
890-8584-7	TMW - 44 (30 - 35)	Solid	08/06/25 12:34	08/07/25 09:25	Texas
890-8584-8	TMW - 44 (35 - 40)	Solid	08/06/25 12:36	08/07/25 09:25	Texas
890-8584-9	TMW - 44 (40 - 45)	Solid	08/06/25 12:38	08/07/25 09:25	Texas
890-8584-10	TMW - 44 (45 - 50)	Solid	08/06/25 12:40	08/07/25 09:25	Texas
890-8584-11	TMW - 44 (50 - 55)	Solid	08/06/25 12:42	08/07/25 09:25	Texas
890-8584-12	TMW - 44 (55 - 60)	Solid	08/06/25 12:44	08/07/25 09:25	Texas

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.4
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page ~~4 of 11~~ 1-2
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: None
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

890-8584 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
TMW-44 (0-5)	8/6/25	12:22	comp	Solid			X	1	
TMW-44 (5-10)	8/6/25	12:24		Solid			X	1	
TMW-44 (10-15)	8/6/25	12:26		Solid			X	1	
TMW-44 (15-20)	8/6/25	12:28		Solid			X	1	
TMW-44 (20-25)	8/6/25	12:30		Solid			X	1	
TMW-44 (25-30)	8/6/25	12:32		Solid			X	1	
TMW-44 (30-35)	8/6/25	12:34		Solid			X	1	
TMW-44 (35-40)	8/6/25	12:36		Solid			X	1	
TMW-44 (40-45)	8/6/25	12:38		Solid			X	1	
TMW-44 (45-50)	8/6/25	12:40		Solid			X	1	
TMW-44 (50-55)	8/6/25	12:42		Solid			X	1	

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	08/07/25 0446		[signature]	8/7/25 700	
2	[signature]	08/07/25 915		[signature]	8/7 915	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR Gun -0.2 2.6 2.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.5
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page ~~5 of 44~~ 2 - 2
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: N - None
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
TMW-44 (55-60)	8/6/25	12:44	comp	Solid			X	1	
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	08/07/25 0446		[signature]	8/7/25 700	
2	[signature]	8/07/25 915		[signature]	8/7 915	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: (uncor) -0.2 2.6 2.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5626.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8584-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/13/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX	8260D/5035FP_CalcBTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW 44 (0 5) (890-8584-1)	8/6/25	12:22 Central	G	Solid			X	X	2	
TMW 44 (5 10) (890-8584-2)	8/6/25	12:24 Central	G	Solid			X	X	2	
TMW 44 (10 15) (890-8584-3)	8/6/25	12:26 Central	G	Solid			X	X	2	
TMW 44 (15 20) (890-8584-4)	8/6/25	12:28 Central	G	Solid			X	X	2	
TMW 44 (20 25) (890-8584-5)	8/6/25	12:30 Central	G	Solid			X	X	2	
TMW 44 (25 30) (890-8584-6)	8/6/25	12:32 Central	G	Solid			X	X	2	
TMW 44 (30 35) (890-8584-7)	8/6/25	12:34 Central	G	Solid			X	X	2	
TMW 44 (35 40) (890-8584-8)	8/6/25	12:36 Central	G	Solid			X	X	2	
TMW 44 (40 45) (890-8584-9)	8/6/25	12:38 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: DS Date/Time: 8/19 Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: HNU360 2-2

Ver: 10/10/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5626.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8584-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/13/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX	8260D/5035FP_CalcBTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW 44 (45 50) (890-8584-10)	8/6/25	12:40 Central	G	Solid			X	X	2	
TMW 44 (50 55) (890-8584-11)	8/6/25	12:42 Central	G	Solid			X	X	2	
TMW 44 (55 60) (890-8584-12)	8/6/25	12:44 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: IR003 2.2

Ver: 10/10/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5629.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8584-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/13/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW - 44 (0 - 5) (890-8584-1)	8/6/25	12:22 Central	G	Solid			X	X	X	2	
TMW - 44 (5 - 10) (890-8584-2)	8/6/25	12:24 Central	G	Solid			X	X	X	2	
TMW - 44 (10 - 15) (890-8584-3)	8/6/25	12:26 Central	G	Solid			X	X	X	2	
TMW - 44 (15 - 20) (890-8584-4)	8/6/25	12:28 Central	G	Solid			X	X	X	2	
TMW - 44 (20 - 25) (890-8584-5)	8/6/25	12:30 Central	G	Solid			X	X	X	2	
TMW - 44 (25 - 30) (890-8584-6)	8/6/25	12:32 Central	G	Solid			X	X	X	2	
TMW - 44 (30 - 35) (890-8584-7)	8/6/25	12:34 Central	G	Solid			X	X	X	2	
TMW - 44 (35 - 40) (890-8584-8)	8/6/25	12:36 Central	G	Solid			X	X	X	2	
TMW - 44 (40 - 45) (890-8584-9)	8/6/25	12:38 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	8/7 1630		[signature]		
2	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 8/8/25 800	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.9/1.8 -.1 IR8

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5629.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8584-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/13/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW - 44 (45 - 50) (890-8584-10)	8/6/25	12:40 Central	G	Solid			X	X	X	2	
TMW - 44 (50 - 55) (890-8584-11)	8/6/25	12:42 Central	G	Solid			X	X	X	2	
TMW - 44 (55 - 60) (890-8584-12)	8/6/25	12:44 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/8/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

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8/19/2025 (Rev. 1)

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8584-1

Login Number: 8584 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8584-1

Login Number: 8584
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/08/25 12:32 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8584-1

Login Number: 8584
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/08/25 09:39 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 4:41:53 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8585-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/19/2025 4:41:53 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Table of Contents

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8585-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8585-1
Project: EBDU 37

Job ID: 890-8585-1 Eurofins Carlsbad

Job Narrative
890-8585-1

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

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

Receipt
The samples were received on 8/7/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW - 46 (0-5) (890-8585-1), TMW - 46 (5-10) (890-8585-2), TMW - 46 (10-15) (890-8585-3), TMW - 46 (15-20) (890-8585-4), TMW - 46 (20-25) (890-8585-5), TMW - 46 (25-30) (890-8585-6), TMW - 46 (30-35) (890-8585-7), TMW - 46 (35-40) (890-8585-8), TMW - 46 (40-45) (890-8585-9), TMW - 46 (45-50) (890-8585-10), TMW - 46 (50-55) (890-8585-11), TMW - 46 (55-60) (890-8585-12) and DUP - 2 - 5 (890-8585-13).

GC/MS VOA
Method 8260D: Samples are in a bulk jar

TMW - 46 (0-5) (890-8585-1), TMW - 46 (5-10) (890-8585-2), TMW - 46 (10-15) (890-8585-3), TMW - 46 (15-20) (890-8585-4), TMW - 46 (20-25) (890-8585-5), TMW - 46 (25-30) (890-8585-6), TMW - 46 (30-35) (890-8585-7), TMW - 46 (35-40) (890-8585-8), TMW - 46 (40-45) (890-8585-9), TMW - 46 (45-50) (890-8585-10), TMW - 46 (50-55) (890-8585-11), TMW - 46 (55-60) (890-8585-12), DUP - 2 - 5 (890-8585-13), (890-8584-B-5-A) and (890-8584-B-5-B MS)

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

Diesel Range Organics
Method 8015MOD_NM: The method blank for preparation batch 880-116231 and analytical batch 880-116617 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (0-5)

Lab Sample ID: 890-8585-1
Matrix: Solid
Date Collected: 08/06/25 17:18
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/08/25 16:14	08/09/25 03:22	1
Toluene	<0.00504	U	0.00504	0.00122	mg/Kg		08/08/25 16:14	08/09/25 03:22	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/08/25 16:14	08/09/25 03:22	1
m,p-Xylenes	<0.00202	U	0.00202	0.000436	mg/Kg		08/08/25 16:14	08/09/25 03:22	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/08/25 16:14	08/09/25 03:22	1
Xylenes, Total	<0.00202	U	0.00202	0.000436	mg/Kg		08/08/25 16:14	08/09/25 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*08/08/25 16:14*	*08/09/25 03:22*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/08/25 16:14*	*08/09/25 03:22*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/08/25 16:14*	*08/09/25 03:22*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/08/25 16:14*	*08/09/25 03:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000436	mg/Kg			08/09/25 03:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/13/25 23:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*08/08/25 11:18*	*08/13/25 23:07*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/08/25 11:18*	*08/13/25 23:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.1**		9.94	0.393	mg/Kg			08/12/25 22:31	1

Client Sample ID: TMW - 46 (5-10)

Lab Sample ID: 890-8585-2
Matrix: Solid
Date Collected: 08/06/25 17:20
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000387	mg/Kg		08/08/25 16:14	08/09/25 03:46	1
Toluene	<0.00506	U	0.00506	0.00123	mg/Kg		08/08/25 16:14	08/09/25 03:46	1
Ethylbenzene	<0.00101	U	0.00101	0.000308	mg/Kg		08/08/25 16:14	08/09/25 03:46	1
m,p-Xylenes	<0.00202	U	0.00202	0.000438	mg/Kg		08/08/25 16:14	08/09/25 03:46	1
o-Xylene	<0.00101	U	0.00101	0.000320	mg/Kg		08/08/25 16:14	08/09/25 03:46	1
Xylenes, Total	<0.00202	U	0.00202	0.000438	mg/Kg		08/08/25 16:14	08/09/25 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*56 - 150*	*08/08/25 16:14*	*08/09/25 03:46*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8585-1
Project/Site: EBDU 37

Client Sample ID: TMW - 46 (5-10)
Lab Sample ID: 890-8585-2
Date Collected: 08/06/25 17:20
Matrix: Solid
Date Received: 08/07/25 09:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/08/25 16:14*	*08/09/25 03:46*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*08/08/25 16:14*	*08/09/25 03:46*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/08/25 16:14*	*08/09/25 03:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000438	mg/Kg			08/09/25 03:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/13/25 23:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*08/08/25 11:18*	*08/13/25 23:23*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/08/25 11:18*	*08/13/25 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**268**		9.92	0.392	mg/Kg			08/12/25 22:53	1

Client Sample ID: TMW - 46 (10-15)
Lab Sample ID: 890-8585-3
Date Collected: 08/06/25 17:22
Matrix: Solid
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/08/25 16:14	08/09/25 04:10	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/08/25 16:14	08/09/25 04:10	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/08/25 16:14	08/09/25 04:10	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/08/25 16:14	08/09/25 04:10	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/08/25 16:14	08/09/25 04:10	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/08/25 16:14	08/09/25 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/08/25 16:14*	*08/09/25 04:10*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:14*	*08/09/25 04:10*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*08/08/25 16:14*	*08/09/25 04:10*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/08/25 16:14*	*08/09/25 04:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/09/25 04:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (10-15)

Lab Sample ID: 890-8585-3
Matrix: Solid
Date Collected: 08/06/25 17:22
Date Received: 08/07/25 09:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/13/25 23:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/13/25 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/13/25 23:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/13/25 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/08/25 11:18*	*08/13/25 23:40*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/08/25 11:18*	*08/13/25 23:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		9.90	0.391	mg/Kg			08/12/25 23:01	1

Client Sample ID: TMW - 46 (15-20)

Lab Sample ID: 890-8585-4
Matrix: Solid
Date Collected: 08/06/25 17:24
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/08/25 16:14	08/09/25 04:34	1
Toluene	<0.00496	U	0.00496	0.00120	mg/Kg		08/08/25 16:14	08/09/25 04:34	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/08/25 16:14	08/09/25 04:34	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/09/25 04:34	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/08/25 16:14	08/09/25 04:34	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/09/25 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*56 - 150*	*08/08/25 16:14*	*08/09/25 04:34*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:14*	*08/09/25 04:34*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*08/08/25 16:14*	*08/09/25 04:34*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*08/08/25 16:14*	*08/09/25 04:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/09/25 04:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/13/25 23:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/13/25 23:56	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (15-20)

Lab Sample ID: 890-8585-4
Matrix: Solid
Date Collected: 08/06/25 17:24
Date Received: 08/07/25 09:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	08/08/25 11:18	08/13/25 23:56	1
o-Terphenyl	74		70 - 130	08/08/25 11:18	08/13/25 23:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.8		10.1	0.399	mg/Kg			08/12/25 23:09	1

Client Sample ID: TMW - 46 (20-25)

Lab Sample ID: 890-8585-5
Matrix: Solid
Date Collected: 08/06/25 17:26
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000388	mg/Kg		08/08/25 16:14	08/09/25 04:58	1
Toluene	<0.00507	U	0.00507	0.00123	mg/Kg		08/08/25 16:14	08/09/25 04:58	1
Ethylbenzene	<0.00101	U	0.00101	0.000309	mg/Kg		08/08/25 16:14	08/09/25 04:58	1
m,p-Xylenes	<0.00203	U	0.00203	0.000439	mg/Kg		08/08/25 16:14	08/09/25 04:58	1
o-Xylene	<0.00101	U	0.00101	0.000321	mg/Kg		08/08/25 16:14	08/09/25 04:58	1
Xylenes, Total	<0.00203	U	0.00203	0.000439	mg/Kg		08/08/25 16:14	08/09/25 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	08/08/25 16:14	08/09/25 04:58	1
4-Bromofluorobenzene (Surr)	90		68 - 152	08/08/25 16:14	08/09/25 04:58	1
Dibromofluoromethane (Surr)	98		53 - 142	08/08/25 16:14	08/09/25 04:58	1
Toluene-d8 (Surr)	97		70 - 130	08/08/25 16:14	08/09/25 04:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00203	U	0.00203	0.000439	mg/Kg			08/09/25 04:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/14/25 00:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/08/25 11:18	08/14/25 00:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/08/25 11:18	08/14/25 00:13	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/08/25 11:18	08/14/25 00:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	08/08/25 11:18	08/14/25 00:13	1
o-Terphenyl	74		70 - 130	08/08/25 11:18	08/14/25 00:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		9.90	0.391	mg/Kg			08/12/25 23:16	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (25-30)

Lab Sample ID: 890-8585-6
Matrix: Solid
Date Collected: 08/06/25 17:28
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/08/25 16:14	08/09/25 05:22	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/08/25 16:14	08/09/25 05:22	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/08/25 16:14	08/09/25 05:22	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/08/25 16:14	08/09/25 05:22	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/08/25 16:14	08/09/25 05:22	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/08/25 16:14	08/09/25 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/08/25 16:14*	*08/09/25 05:22*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/08/25 16:14*	*08/09/25 05:22*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:14*	*08/09/25 05:22*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/08/25 16:14*	*08/09/25 05:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/09/25 05:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/25 00:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 00:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 00:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/08/25 11:18*	*08/14/25 00:28*	*1*
o-Terphenyl	*73*		*70 - 130*	*08/08/25 11:18*	*08/14/25 00:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.4**		9.94	0.393	mg/Kg			08/12/25 23:24	1

Client Sample ID: TMW - 46 (30-35)

Lab Sample ID: 890-8585-7
Matrix: Solid
Date Collected: 08/06/25 17:30
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000385	mg/Kg		08/08/25 16:14	08/09/25 05:46	1
Toluene	<0.00503	U	0.00503	0.00122	mg/Kg		08/08/25 16:14	08/09/25 05:46	1
Ethylbenzene	<0.00101	U	0.00101	0.000306	mg/Kg		08/08/25 16:14	08/09/25 05:46	1
m,p-Xylenes	<0.00201	U	0.00201	0.000436	mg/Kg		08/08/25 16:14	08/09/25 05:46	1
o-Xylene	<0.00101	U	0.00101	0.000318	mg/Kg		08/08/25 16:14	08/09/25 05:46	1
Xylenes, Total	<0.00201	U	0.00201	0.000436	mg/Kg		08/08/25 16:14	08/09/25 05:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/08/25 16:14*	*08/09/25 05:46*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (30-35)

Lab Sample ID: 890-8585-7
Matrix: Solid
Date Collected: 08/06/25 17:30
Date Received: 08/07/25 09:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:14*	*08/09/25 05:46*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:14*	*08/09/25 05:46*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/08/25 16:14*	*08/09/25 05:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000436	mg/Kg			08/09/25 05:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/25 01:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 01:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 01:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:00*	*1*
o-Terphenyl	*79*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.7**		10.0	0.395	mg/Kg			08/12/25 23:31	1

Client Sample ID: TMW - 46 (35-40)

Lab Sample ID: 890-8585-8
Matrix: Solid
Date Collected: 08/06/25 17:32
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/08/25 16:14	08/09/25 06:09	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/08/25 16:14	08/09/25 06:09	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/08/25 16:14	08/09/25 06:09	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/09/25 06:09	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/08/25 16:14	08/09/25 06:09	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:14	08/09/25 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*	*08/08/25 16:14*	*08/09/25 06:09*	*1*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/08/25 16:14*	*08/09/25 06:09*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:14*	*08/09/25 06:09*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/08/25 16:14*	*08/09/25 06:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/09/25 06:09	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (35-40)

Lab Sample ID: 890-8585-8
Matrix: Solid
Date Collected: 08/06/25 17:32
Date Received: 08/07/25 09:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/25 01:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 01:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 01:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:16*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.6**		10.0	0.397	mg/Kg			08/12/25 23:54	1

Client Sample ID: TMW - 46 (40-45)

Lab Sample ID: 890-8585-9
Matrix: Solid
Date Collected: 08/06/25 17:34
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/08/25 16:15	08/09/25 06:33	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/08/25 16:15	08/09/25 06:33	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/08/25 16:15	08/09/25 06:33	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/08/25 16:15	08/09/25 06:33	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/08/25 16:15	08/09/25 06:33	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/08/25 16:15	08/09/25 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*	*08/08/25 16:15*	*08/09/25 06:33*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:15*	*08/09/25 06:33*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*08/08/25 16:15*	*08/09/25 06:33*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/08/25 16:15*	*08/09/25 06:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/09/25 06:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/14/25 01:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/14/25 01:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/14/25 01:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/14/25 01:34	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (40-45)

Lab Sample ID: 890-8585-9
Matrix: Solid
Date Collected: 08/06/25 17:34
Date Received: 08/07/25 09:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:34*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.2**		10.0	0.396	mg/Kg			08/13/25 00:02	1

Client Sample ID: TMW - 46 (45-50)

Lab Sample ID: 890-8585-10
Matrix: Solid
Date Collected: 08/06/25 17:36
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994	0.000380	mg/Kg		08/08/25 16:15	08/09/25 06:57	1
Toluene	<0.00497	U	0.00497	0.00120	mg/Kg		08/08/25 16:15	08/09/25 06:57	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/08/25 16:15	08/09/25 06:57	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/09/25 06:57	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/08/25 16:15	08/09/25 06:57	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/08/25 16:15	08/09/25 06:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*56 - 150*	*08/08/25 16:15*	*08/09/25 06:57*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/08/25 16:15*	*08/09/25 06:57*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/08/25 16:15*	*08/09/25 06:57*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/08/25 16:15*	*08/09/25 06:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000430	mg/Kg			08/09/25 06:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/25 01:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 01:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 01:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:50*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/08/25 11:18*	*08/14/25 01:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.4**		9.96	0.393	mg/Kg			08/13/25 00:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (50-55)

Lab Sample ID: 890-8585-11
Matrix: Solid
Date Collected: 08/06/25 17:38
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/08/25 16:15	08/09/25 07:21	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/08/25 16:15	08/09/25 07:21	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/08/25 16:15	08/09/25 07:21	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/08/25 16:15	08/09/25 07:21	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/08/25 16:15	08/09/25 07:21	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/08/25 16:15	08/09/25 07:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/08/25 16:15*	*08/09/25 07:21*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*08/08/25 16:15*	*08/09/25 07:21*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/08/25 16:15*	*08/09/25 07:21*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/08/25 16:15*	*08/09/25 07:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/09/25 07:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/14/25 02:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/14/25 02:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/14/25 02:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 11:18	08/14/25 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/08/25 11:18*	*08/14/25 02:05*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/08/25 11:18*	*08/14/25 02:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.5**		9.90	0.391	mg/Kg			08/13/25 00:32	1

Client Sample ID: TMW - 46 (55-60)

Lab Sample ID: 890-8585-12
Matrix: Solid
Date Collected: 08/06/25 17:40
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996	0.000381	mg/Kg		08/08/25 16:15	08/09/25 07:45	1
Toluene	<0.00498	U	0.00498	0.00121	mg/Kg		08/08/25 16:15	08/09/25 07:45	1
Ethylbenzene	<0.000996	U	0.000996	0.000303	mg/Kg		08/08/25 16:15	08/09/25 07:45	1
m,p-Xylenes	<0.00199	U	0.00199	0.000431	mg/Kg		08/08/25 16:15	08/09/25 07:45	1
o-Xylene	<0.000996	U	0.000996	0.000315	mg/Kg		08/08/25 16:15	08/09/25 07:45	1
Xylenes, Total	<0.00199	U	0.00199	0.000431	mg/Kg		08/08/25 16:15	08/09/25 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*56 - 150*	*08/08/25 16:15*	*08/09/25 07:45*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (55-60)

Lab Sample ID: 890-8585-12
Matrix: Solid
Date Collected: 08/06/25 17:40
Date Received: 08/07/25 09:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*68 - 152*	*08/08/25 16:15*	*08/09/25 07:45*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/08/25 16:15*	*08/09/25 07:45*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/08/25 16:15*	*08/09/25 07:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000431	mg/Kg			08/09/25 07:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/25 02:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 02:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 02:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:18	08/14/25 02:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/08/25 11:18*	*08/14/25 02:22*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/08/25 11:18*	*08/14/25 02:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.0**		9.92	0.392	mg/Kg			08/13/25 00:40	1

Client Sample ID: DUP - 2 - 5

Lab Sample ID: 890-8585-13
Matrix: Solid
Date Collected: 08/06/25 17:42
Date Received: 08/07/25 09:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/08/25 16:15	08/09/25 08:09	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/08/25 16:15	08/09/25 08:09	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/08/25 16:15	08/09/25 08:09	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/09/25 08:09	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/08/25 16:15	08/09/25 08:09	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/08/25 16:15	08/09/25 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*56 - 150*	*08/08/25 16:15*	*08/09/25 08:09*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/08/25 16:15*	*08/09/25 08:09*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/08/25 16:15*	*08/09/25 08:09*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/08/25 16:15*	*08/09/25 08:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/09/25 08:09	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: DUP - 2 - 5

Date Collected: 08/06/25 17:42
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8585-13

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/25 02:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 02:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 02:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 11:18	08/14/25 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*08/08/25 11:18*	*08/14/25 02:38*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/08/25 11:18*	*08/14/25 02:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.6**		9.94	0.393	mg/Kg			08/13/25 00:48	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-8585-1	TMW - 46 (0-5)	110	96	97	93
890-8585-2	TMW - 46 (5-10)	117	94	96	96
890-8585-3	TMW - 46 (10-15)	115	92	94	96
890-8585-4	TMW - 46 (15-20)	119	92	99	92
890-8585-5	TMW - 46 (20-25)	108	90	98	97
890-8585-6	TMW - 46 (25-30)	111	94	100	95
890-8585-7	TMW - 46 (30-35)	115	92	100	99
890-8585-8	TMW - 46 (35-40)	114	90	100	95
890-8585-9	TMW - 46 (40-45)	114	92	99	95
890-8585-10	TMW - 46 (45-50)	119	94	101	95
890-8585-11	TMW - 46 (50-55)	113	91	101	94
890-8585-12	TMW - 46 (55-60)	116	88	98	102
890-8585-13	DUP - 2 - 5	118	92	100	98
LCS 860-254090/3	Lab Control Sample	103	101	92	103
LCSD 860-254090/4	Lab Control Sample Dup	101	100	94	101
MB 860-254090/8	Method Blank	105	95	96	100

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8585-1	TMW - 46 (0-5)	78	74
890-8585-2	TMW - 46 (5-10)	81	78
890-8585-3	TMW - 46 (10-15)	80	78
890-8585-4	TMW - 46 (15-20)	77	74
890-8585-5	TMW - 46 (20-25)	77	74
890-8585-6	TMW - 46 (25-30)	76	73
890-8585-7	TMW - 46 (30-35)	82	79
890-8585-8	TMW - 46 (35-40)	76	76
890-8585-9	TMW - 46 (40-45)	80	77
890-8585-10	TMW - 46 (45-50)	80	77
890-8585-11	TMW - 46 (50-55)	77	75
890-8585-12	TMW - 46 (55-60)	80	78
890-8585-13	DUP - 2 - 5	78	74
LCS 880-116231/2-A	Lab Control Sample	104	118
LCSD 880-116231/3-A	Lab Control Sample Dup	125	118
MB 880-116231/1-A	Method Blank	118	120

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

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

Lab Sample ID: MB 860-254090/8
Matrix: Solid
Analysis Batch: 254090

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/09/25 02:10	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/09/25 02:10	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/09/25 02:10	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/09/25 02:10	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/09/25 02:10	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/09/25 02:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*		*08/09/25 02:10*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*		*08/09/25 02:10*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*		*08/09/25 02:10*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/09/25 02:10*	*1*

Lab Sample ID: LCS 860-254090/3
Matrix: Solid
Analysis Batch: 254090

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04736		mg/Kg		95	66 - 142		
Toluene			0.0500	0.04882		mg/Kg		98	74 - 130		
Ethylbenzene			0.0500	0.05266		mg/Kg		105	80 - 130		
m,p-Xylenes			0.0500	0.05382		mg/Kg		108	78 - 130		
o-Xylene			0.0500	0.05323		mg/Kg		106	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*92*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 860-254090/4
Matrix: Solid
Analysis Batch: 254090

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04709		mg/Kg		94	66 - 142	1	25
Toluene			0.0500	0.04812		mg/Kg		96	74 - 130	1	25
Ethylbenzene			0.0500	0.05207		mg/Kg		104	80 - 130	1	25
m,p-Xylenes			0.0500	0.05304		mg/Kg		106	78 - 130	1	25
o-Xylene			0.0500	0.05226		mg/Kg		105	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*94*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116231/1-A
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116231

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 11:12	08/13/25 20:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 11:12	08/13/25 20:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 11:12	08/13/25 20:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*08/08/25 11:12*	*08/13/25 20:42*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/08/25 11:12*	*08/13/25 20:42*	*1*

Lab Sample ID: LCS 880-116231/2-A
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116231

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1014		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Lab Sample ID: LCSD 880-116231/3-A
Matrix: Solid
Analysis Batch: 116617

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116231

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	998.5		mg/Kg		100	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	943.5		mg/Kg		94	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*125*		*70 - 130*
o-Terphenyl	*118*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116269/1-A
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/12/25 21:22	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116269/2-A
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.9		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-116269/3-A
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	235.9		mg/Kg		94	90 - 110	3	20

Lab Sample ID: 890-8585-7 MS
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: TMW - 46 (30-35)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	37.7		250	286.1		mg/Kg		99	90 - 110		

Lab Sample ID: 890-8585-7 MSD
Matrix: Solid
Analysis Batch: 116419

Client Sample ID: TMW - 46 (30-35)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	37.7		250	288.5		mg/Kg		100	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

GC/MS VOA

Prep Batch: 254062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Total/NA	Solid	5035	
890-8585-2	TMW - 46 (5-10)	Total/NA	Solid	5035	
890-8585-3	TMW - 46 (10-15)	Total/NA	Solid	5035	
890-8585-4	TMW - 46 (15-20)	Total/NA	Solid	5035	
890-8585-5	TMW - 46 (20-25)	Total/NA	Solid	5035	
890-8585-6	TMW - 46 (25-30)	Total/NA	Solid	5035	
890-8585-7	TMW - 46 (30-35)	Total/NA	Solid	5035	
890-8585-8	TMW - 46 (35-40)	Total/NA	Solid	5035	
890-8585-9	TMW - 46 (40-45)	Total/NA	Solid	5035	
890-8585-10	TMW - 46 (45-50)	Total/NA	Solid	5035	
890-8585-11	TMW - 46 (50-55)	Total/NA	Solid	5035	
890-8585-12	TMW - 46 (55-60)	Total/NA	Solid	5035	
890-8585-13	DUP - 2 - 5	Total/NA	Solid	5035	

Analysis Batch: 254090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Total/NA	Solid	8260D	254062
890-8585-2	TMW - 46 (5-10)	Total/NA	Solid	8260D	254062
890-8585-3	TMW - 46 (10-15)	Total/NA	Solid	8260D	254062
890-8585-4	TMW - 46 (15-20)	Total/NA	Solid	8260D	254062
890-8585-5	TMW - 46 (20-25)	Total/NA	Solid	8260D	254062
890-8585-6	TMW - 46 (25-30)	Total/NA	Solid	8260D	254062
890-8585-7	TMW - 46 (30-35)	Total/NA	Solid	8260D	254062
890-8585-8	TMW - 46 (35-40)	Total/NA	Solid	8260D	254062
890-8585-9	TMW - 46 (40-45)	Total/NA	Solid	8260D	254062
890-8585-10	TMW - 46 (45-50)	Total/NA	Solid	8260D	254062
890-8585-11	TMW - 46 (50-55)	Total/NA	Solid	8260D	254062
890-8585-12	TMW - 46 (55-60)	Total/NA	Solid	8260D	254062
890-8585-13	DUP - 2 - 5	Total/NA	Solid	8260D	254062
MB 860-254090/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254090/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254090/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Total/NA	Solid	Total BTEX	
890-8585-2	TMW - 46 (5-10)	Total/NA	Solid	Total BTEX	
890-8585-3	TMW - 46 (10-15)	Total/NA	Solid	Total BTEX	
890-8585-4	TMW - 46 (15-20)	Total/NA	Solid	Total BTEX	
890-8585-5	TMW - 46 (20-25)	Total/NA	Solid	Total BTEX	
890-8585-6	TMW - 46 (25-30)	Total/NA	Solid	Total BTEX	
890-8585-7	TMW - 46 (30-35)	Total/NA	Solid	Total BTEX	
890-8585-8	TMW - 46 (35-40)	Total/NA	Solid	Total BTEX	
890-8585-9	TMW - 46 (40-45)	Total/NA	Solid	Total BTEX	
890-8585-10	TMW - 46 (45-50)	Total/NA	Solid	Total BTEX	
890-8585-11	TMW - 46 (50-55)	Total/NA	Solid	Total BTEX	
890-8585-12	TMW - 46 (55-60)	Total/NA	Solid	Total BTEX	
890-8585-13	DUP - 2 - 5	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

GC Semi VOA

Prep Batch: 116231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Total/NA	Solid	8015NM Prep	
890-8585-2	TMW - 46 (5-10)	Total/NA	Solid	8015NM Prep	
890-8585-3	TMW - 46 (10-15)	Total/NA	Solid	8015NM Prep	
890-8585-4	TMW - 46 (15-20)	Total/NA	Solid	8015NM Prep	
890-8585-5	TMW - 46 (20-25)	Total/NA	Solid	8015NM Prep	
890-8585-6	TMW - 46 (25-30)	Total/NA	Solid	8015NM Prep	
890-8585-7	TMW - 46 (30-35)	Total/NA	Solid	8015NM Prep	
890-8585-8	TMW - 46 (35-40)	Total/NA	Solid	8015NM Prep	
890-8585-9	TMW - 46 (40-45)	Total/NA	Solid	8015NM Prep	
890-8585-10	TMW - 46 (45-50)	Total/NA	Solid	8015NM Prep	
890-8585-11	TMW - 46 (50-55)	Total/NA	Solid	8015NM Prep	
890-8585-12	TMW - 46 (55-60)	Total/NA	Solid	8015NM Prep	
890-8585-13	DUP - 2 - 5	Total/NA	Solid	8015NM Prep	
MB 880-116231/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116231/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116231/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Total/NA	Solid	8015B NM	116231
890-8585-2	TMW - 46 (5-10)	Total/NA	Solid	8015B NM	116231
890-8585-3	TMW - 46 (10-15)	Total/NA	Solid	8015B NM	116231
890-8585-4	TMW - 46 (15-20)	Total/NA	Solid	8015B NM	116231
890-8585-5	TMW - 46 (20-25)	Total/NA	Solid	8015B NM	116231
890-8585-6	TMW - 46 (25-30)	Total/NA	Solid	8015B NM	116231
890-8585-7	TMW - 46 (30-35)	Total/NA	Solid	8015B NM	116231
890-8585-8	TMW - 46 (35-40)	Total/NA	Solid	8015B NM	116231
890-8585-9	TMW - 46 (40-45)	Total/NA	Solid	8015B NM	116231
890-8585-10	TMW - 46 (45-50)	Total/NA	Solid	8015B NM	116231
890-8585-11	TMW - 46 (50-55)	Total/NA	Solid	8015B NM	116231
890-8585-12	TMW - 46 (55-60)	Total/NA	Solid	8015B NM	116231
890-8585-13	DUP - 2 - 5	Total/NA	Solid	8015B NM	116231
MB 880-116231/1-A	Method Blank	Total/NA	Solid	8015B NM	116231
LCS 880-116231/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116231
LCSD 880-116231/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116231

Analysis Batch: 116686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Total/NA	Solid	8015 NM	
890-8585-2	TMW - 46 (5-10)	Total/NA	Solid	8015 NM	
890-8585-3	TMW - 46 (10-15)	Total/NA	Solid	8015 NM	
890-8585-4	TMW - 46 (15-20)	Total/NA	Solid	8015 NM	
890-8585-5	TMW - 46 (20-25)	Total/NA	Solid	8015 NM	
890-8585-6	TMW - 46 (25-30)	Total/NA	Solid	8015 NM	
890-8585-7	TMW - 46 (30-35)	Total/NA	Solid	8015 NM	
890-8585-8	TMW - 46 (35-40)	Total/NA	Solid	8015 NM	
890-8585-9	TMW - 46 (40-45)	Total/NA	Solid	8015 NM	
890-8585-10	TMW - 46 (45-50)	Total/NA	Solid	8015 NM	
890-8585-11	TMW - 46 (50-55)	Total/NA	Solid	8015 NM	
890-8585-12	TMW - 46 (55-60)	Total/NA	Solid	8015 NM	
890-8585-13	DUP - 2 - 5	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

HPLC/IC

Leach Batch: 116269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Soluble	Solid	DI Leach	
890-8585-2	TMW - 46 (5-10)	Soluble	Solid	DI Leach	
890-8585-3	TMW - 46 (10-15)	Soluble	Solid	DI Leach	
890-8585-4	TMW - 46 (15-20)	Soluble	Solid	DI Leach	
890-8585-5	TMW - 46 (20-25)	Soluble	Solid	DI Leach	
890-8585-6	TMW - 46 (25-30)	Soluble	Solid	DI Leach	
890-8585-7	TMW - 46 (30-35)	Soluble	Solid	DI Leach	
890-8585-8	TMW - 46 (35-40)	Soluble	Solid	DI Leach	
890-8585-9	TMW - 46 (40-45)	Soluble	Solid	DI Leach	
890-8585-10	TMW - 46 (45-50)	Soluble	Solid	DI Leach	
890-8585-11	TMW - 46 (50-55)	Soluble	Solid	DI Leach	
890-8585-12	TMW - 46 (55-60)	Soluble	Solid	DI Leach	
890-8585-13	DUP - 2 - 5	Soluble	Solid	DI Leach	
MB 880-116269/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116269/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116269/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8585-7 MS	TMW - 46 (30-35)	Soluble	Solid	DI Leach	
890-8585-7 MSD	TMW - 46 (30-35)	Soluble	Solid	DI Leach	

Analysis Batch: 116419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8585-1	TMW - 46 (0-5)	Soluble	Solid	300.0	116269
890-8585-2	TMW - 46 (5-10)	Soluble	Solid	300.0	116269
890-8585-3	TMW - 46 (10-15)	Soluble	Solid	300.0	116269
890-8585-4	TMW - 46 (15-20)	Soluble	Solid	300.0	116269
890-8585-5	TMW - 46 (20-25)	Soluble	Solid	300.0	116269
890-8585-6	TMW - 46 (25-30)	Soluble	Solid	300.0	116269
890-8585-7	TMW - 46 (30-35)	Soluble	Solid	300.0	116269
890-8585-8	TMW - 46 (35-40)	Soluble	Solid	300.0	116269
890-8585-9	TMW - 46 (40-45)	Soluble	Solid	300.0	116269
890-8585-10	TMW - 46 (45-50)	Soluble	Solid	300.0	116269
890-8585-11	TMW - 46 (50-55)	Soluble	Solid	300.0	116269
890-8585-12	TMW - 46 (55-60)	Soluble	Solid	300.0	116269
890-8585-13	DUP - 2 - 5	Soluble	Solid	300.0	116269
MB 880-116269/1-A	Method Blank	Soluble	Solid	300.0	116269
LCS 880-116269/2-A	Lab Control Sample	Soluble	Solid	300.0	116269
LCSD 880-116269/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116269
890-8585-7 MS	TMW - 46 (30-35)	Soluble	Solid	300.0	116269
890-8585-7 MSD	TMW - 46 (30-35)	Soluble	Solid	300.0	116269

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (0-5)

Lab Sample ID: 890-8585-1
Matrix: Solid
Date Collected: 08/06/25 17:18
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 03:22	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 03:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/13/25 23:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 23:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 22:31	CS	EET MID

Client Sample ID: TMW - 46 (5-10)

Lab Sample ID: 890-8585-2
Matrix: Solid
Date Collected: 08/06/25 17:20
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.94 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 03:46	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 03:46	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/13/25 23:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 22:53	CS	EET MID

Client Sample ID: TMW - 46 (10-15)

Lab Sample ID: 890-8585-3
Matrix: Solid
Date Collected: 08/06/25 17:22
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 04:10	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 04:10	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/13/25 23:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 23:40	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 23:01	CS	EET MID

Client Sample ID: TMW - 46 (15-20)

Lab Sample ID: 890-8585-4
Matrix: Solid
Date Collected: 08/06/25 17:24
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 04:34	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 04:34	RJT	EET HOU

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (15-20)

Lab Sample ID: 890-8585-4
Matrix: Solid
Date Collected: 08/06/25 17:24
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116686	08/13/25 23:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/13/25 23:56	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 23:09	CS	EET MID

Client Sample ID: TMW - 46 (20-25)

Lab Sample ID: 890-8585-5
Matrix: Solid
Date Collected: 08/06/25 17:26
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.93 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 04:58	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 04:58	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 00:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 00:13	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 23:16	CS	EET MID

Client Sample ID: TMW - 46 (25-30)

Lab Sample ID: 890-8585-6
Matrix: Solid
Date Collected: 08/06/25 17:28
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 05:22	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 05:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 00:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 00:28	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 23:24	CS	EET MID

Client Sample ID: TMW - 46 (30-35)

Lab Sample ID: 890-8585-7
Matrix: Solid
Date Collected: 08/06/25 17:30
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 05:46	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 05:46	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 01:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 01:00	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (30-35)
Date Collected: 08/06/25 17:30
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8585-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 23:31	CS	EET MID

Client Sample ID: TMW - 46 (35-40)
Date Collected: 08/06/25 17:32
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8585-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254062	08/08/25 16:14	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 06:09	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 06:09	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 01:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 01:16	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/12/25 23:54	CS	EET MID

Client Sample ID: TMW - 46 (40-45)
Date Collected: 08/06/25 17:34
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8585-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 06:33	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 06:33	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 01:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 01:34	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/13/25 00:02	CS	EET MID

Client Sample ID: TMW - 46 (45-50)
Date Collected: 08/06/25 17:36
Date Received: 08/07/25 09:15

Lab Sample ID: 890-8585-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 06:57	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 06:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 01:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 01:50	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/13/25 00:25	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Client Sample ID: TMW - 46 (50-55)

Lab Sample ID: 890-8585-11
Matrix: Solid
Date Collected: 08/06/25 17:38
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 07:21	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 07:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 02:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 02:05	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/13/25 00:32	CS	EET MID

Client Sample ID: TMW - 46 (55-60)

Lab Sample ID: 890-8585-12
Matrix: Solid
Date Collected: 08/06/25 17:40
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 07:45	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 07:45	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 02:22	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/13/25 00:40	CS	EET MID

Client Sample ID: DUP - 2 - 5

Lab Sample ID: 890-8585-13
Matrix: Solid
Date Collected: 08/06/25 17:42
Date Received: 08/07/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254062	08/08/25 16:15	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254090	08/09/25 08:09	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254437	08/09/25 08:09	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116686	08/14/25 02:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116231	08/08/25 11:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116617	08/14/25 02:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116269	08/08/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		1			116419	08/13/25 00:48	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8585-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8585-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8585-1	TMW - 46 (0-5)	Solid	08/06/25 17:18	08/07/25 09:15	Texas
890-8585-2	TMW - 46 (5-10)	Solid	08/06/25 17:20	08/07/25 09:15	Texas
890-8585-3	TMW - 46 (10-15)	Solid	08/06/25 17:22	08/07/25 09:15	Texas
890-8585-4	TMW - 46 (15-20)	Solid	08/06/25 17:24	08/07/25 09:15	Texas
890-8585-5	TMW - 46 (20-25)	Solid	08/06/25 17:26	08/07/25 09:15	Texas
890-8585-6	TMW - 46 (25-30)	Solid	08/06/25 17:28	08/07/25 09:15	Texas
890-8585-7	TMW - 46 (30-35)	Solid	08/06/25 17:30	08/07/25 09:15	Texas
890-8585-8	TMW - 46 (35-40)	Solid	08/06/25 17:32	08/07/25 09:15	Texas
890-8585-9	TMW - 46 (40-45)	Solid	08/06/25 17:34	08/07/25 09:15	Texas
890-8585-10	TMW - 46 (45-50)	Solid	08/06/25 17:36	08/07/25 09:15	Texas
890-8585-11	TMW - 46 (50-55)	Solid	08/06/25 17:38	08/07/25 09:15	Texas
890-8585-12	TMW - 46 (55-60)	Solid	08/06/25 17:40	08/07/25 09:15	Texas
890-8585-13	DUP - 2 - 5	Solid	08/06/25 17:42	08/07/25 09:15	Texas

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.2
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 2 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

890-8585 Chain of Custody

Preservation Codes: None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
TMW-46 (0-5)	8/6/25	17:18	comp	Solid			X		
TMW-46 (5-10)	8/6/25	17:20		Solid					
TMW-46 (10-15)	8/6/25	17:22		Solid					
TMW-46 (15-20)	8/6/25	17:24		Solid					
TMW-46 (20-25)	8/6/25	17:26		Solid					
TMW-46 (25-30)	8/6/25	17:28		Solid					
TMW-46 (30-35)	8/6/25	17:30		Solid					
TMW-46 (35-40)	8/6/25	17:32		Solid					
TMW-46 (40-45)	8/6/25	17:34		Solid					
TMW-46 (45-50)	8/6/25	17:36		Solid					
TMW-46 (50-55)	8/6/25	17:38		Solid					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	08/07/25 0443			8/7/25 900	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/7/25 915			8/7 915	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR Gun -0.2 2.6 2.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.3
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 3 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
TMW-46 (55-60)	8/6/25	17:40	Comp	Solid			X	1	
DUP-2-S	8/6/25	17:42	Comp	Solid			X	1	
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/07/25 0443			8/7/25 700	
2		8/7/25 915			8/7 915	
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: TMOCF -0.2 2.6 2.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5627 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8585-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/13/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater S=solid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX	8260D/5035FP_CalcBTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW 46 (0-5) (890-8585-1)	8/6/25	17:18 Central	G	Solid			X	X	2	
TMW 46 (5-10) (890-8585-2)	8/6/25	17:20 Central	G	Solid			X	X	2	
TMW 46 (10-15) (890-8585-3)	8/6/25	17:22 Central	G	Solid			X	X	2	
TMW 46 (15-20) (890-8585-4)	8/6/25	17:24 Central	G	Solid			X	X	2	
TMW 46 (20-25) (890-8585-5)	8/6/25	17:26 Central	G	Solid			X	X	2	
TMW 46 (25-30) (890-8585-6)	8/6/25	17:28 Central	G	Solid			X	X	2	
TMW 46 (30-35) (890-8585-7)	8/6/25	17:30 Central	G	Solid			X	X	2	
TMW 46 (35-40) (890-8585-8)	8/6/25	17:32 Central	G	Solid			X	X	2	
TMW 46 (40-45) (890-8585-9)	8/6/25	17:34 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: DD	Date/Time: 8/5	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: HDU36 2 2

Ver 10/10/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5627.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8585-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/13/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX	8260D/5035FP_CalcBTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW 46 (45-50) (890-8585-10)	8/6/25	17:36 Central	G	Solid			X	X	2	
TMW 46 (50-55) (890-8585-11)	8/6/25	17:38 Central	G	Solid			X	X	2	
TMW 46 (55-60) (890-8585-12)	8/6/25	17:40 Central	G	Solid			X	X	2	
DUP 2 5 (890-8585-13)	8/6/25	17:42 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				DS	8/8	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.1, 3.6 2.2

Ver: 10/10/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5630.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8585-1
Address: 1211 W. Florida Ave,	Due Date Requested: 8/13/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW - 46 (0-5) (890-8585-1)	8/6/25	17:18 Central	G	Solid			X	X	X	2	
TMW - 46 (5-10) (890-8585-2)	8/6/25	17:20 Central	G	Solid			X	X	X	2	
TMW - 46 (10-15) (890-8585-3)	8/6/25	17:22 Central	G	Solid			X	X	X	2	
TMW - 46 (15-20) (890-8585-4)	8/6/25	17:24 Central	G	Solid			X	X	X	2	
TMW - 46 (20-25) (890-8585-5)	8/6/25	17:26 Central	G	Solid			X	X	X	2	
TMW - 46 (25-30) (890-8585-6)	8/6/25	17:28 Central	G	Solid			X	X	X	2	
TMW - 46 (30-35) (890-8585-7)	8/6/25	17:30 Central	G	Solid			X	X	X	2	
TMW - 46 (35-40) (890-8585-8)	8/6/25	17:32 Central	G	Solid			X	X	X	2	
TMW - 46 (40-45) (890-8585-9)	8/6/25	17:34 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/8/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.9/1.8 -.1 IR6

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM
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Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5630.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8585-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/13/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW - 46 (45-50) (890-8585-10)	8/6/25	17:36 Central	G	Solid			X	X	X	2	
TMW - 46 (50-55) (890-8585-11)	8/6/25	17:38 Central	G	Solid			X	X	X	2	
TMW - 46 (55-60) (890-8585-12)	8/6/25	17:40 Central	G	Solid			X	X	X	2	
DUP - 2 - 5 (890-8585-13)	8/6/25	17:42 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/6/25 800	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

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8/19/2025

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8585-1

Login Number: 8585 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8585-1

Login Number: 8585
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/08/25 12:32 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8585-1

Login Number: 8585
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/08/25 09:39 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 4:45:00 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8599-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/19/2025 4:45:00 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 890-8599-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8599-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8599-1
Project: EBDU 37

Job ID: 890-8599-1 Eurofins Carlsbad

Job Narrative
890-8599-1

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

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

Receipt
The samples were received on 8/8/2025 9:41 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.6°C.

Receipt Exceptions
The following were received and analyzed from an unpreserved bulk soil jar: TMW - 45 (0-5) (890-8599-1), TMW - 45 (5-10) (890-8599-2), TMW - 45 (10-15) (890-8599-3), TMW - 45 (15-20) (890-8599-4), TMW - 45 (20-25) (890-8599-5), TMW - 45 (25-30) (890-8599-6), TMW - 45 (30-35) (890-8599-7), TMW - 45 (35-40) (890-8599-8), TMW - 45 (40-45) (890-8599-9), TMW - 45 (45-50) (890-8599-10), TMW - 45 (50-55) (890-8599-11) and DUP - 3 - S (890-8599-12).

GC/MS VOA
Method 8260D: The following sample was diluted due to it being rocks: TMW - 45 (10-15) (890-8599-3). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: DUP - 3 - S (890-8599-12). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116430 and analytical batch 880-116743 was outside the upper control limits.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (0-5)

Lab Sample ID: 890-8599-1
Matrix: Solid
Date Collected: 08/07/25 11:48
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/11/25 11:33	08/11/25 21:44	1
Toluene	<0.00496	U	0.00496	0.00120	mg/Kg		08/11/25 11:33	08/11/25 21:44	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/11/25 11:33	08/11/25 21:44	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 21:44	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/11/25 11:33	08/11/25 21:44	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*56 - 150*	*08/11/25 11:33*	*08/11/25 21:44*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/11/25 21:44*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/11/25 11:33*	*08/11/25 21:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 21:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 21:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 23:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 23:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 23:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/08/25 14:52*	*08/16/25 23:41*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/08/25 14:52*	*08/16/25 23:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.1**		9.98	0.394	mg/Kg			08/13/25 16:08	1

Client Sample ID: TMW - 45 (5-10)

Lab Sample ID: 890-8599-2
Matrix: Solid
Date Collected: 08/07/25 11:50
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 22:09	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 22:09	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 22:09	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 22:09	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 22:09	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*56 - 150*	*08/11/25 11:33*	*08/11/25 22:09*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8599-1
Project/Site: EBDU 37

Client Sample ID: TMW - 45 (5-10)
Lab Sample ID: 890-8599-2
Date Collected: 08/07/25 11:50
Matrix: Solid
Date Received: 08/08/25 09:41

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 22:09*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*08/11/25 11:33*	*08/11/25 22:09*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 22:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 22:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 23:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/16/25 23:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/16/25 23:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/16/25 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*08/08/25 14:52*	*08/16/25 23:57*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/08/25 14:52*	*08/16/25 23:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**377**		10.1	0.399	mg/Kg			08/13/25 16:16	1

Client Sample ID: TMW - 45 (10-15)
Lab Sample ID: 890-8599-3
Date Collected: 08/07/25 11:52
Matrix: Solid
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.100**		0.0496	0.0190	mg/Kg		08/12/25 11:25	08/12/25 12:52	50
Toluene	<0.248	U	0.248	0.0601	mg/Kg		08/12/25 11:25	08/12/25 12:52	50
Ethylbenzene	<0.0496	U	0.0496	0.0151	mg/Kg		08/12/25 11:25	08/12/25 12:52	50
m,p-Xylenes	<0.0992	U	0.0992	0.0215	mg/Kg		08/12/25 11:25	08/12/25 12:52	50
o-Xylene	<0.0496	U	0.0496	0.0157	mg/Kg		08/12/25 11:25	08/12/25 12:52	50
Xylenes, Total	<0.0992	U	0.0992	0.0215	mg/Kg		08/12/25 11:25	08/12/25 12:52	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/12/25 11:25*	*08/12/25 12:52*	*50*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/12/25 11:25*	*08/12/25 12:52*	*50*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/12/25 11:25*	*08/12/25 12:52*	*50*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/12/25 11:25*	*08/12/25 12:52*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.100**		0.0992	0.0215	mg/Kg			08/12/25 12:52	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (10-15)

Lab Sample ID: 890-8599-3
Matrix: Solid
Date Collected: 08/07/25 11:52
Date Received: 08/08/25 09:41

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 00:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 00:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/08/25 14:52*	*08/17/25 00:13*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/08/25 14:52*	*08/17/25 00:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**210**		10.0	0.397	mg/Kg			08/13/25 16:39	1

Client Sample ID: TMW - 45 (15-20)

Lab Sample ID: 890-8599-4
Matrix: Solid
Date Collected: 08/07/25 11:54
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 22:35	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 22:35	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 22:35	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 22:35	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 22:35	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/11/25 11:33*	*08/11/25 22:35*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 22:35*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*08/11/25 11:33*	*08/11/25 22:35*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/11/25 11:33*	*08/11/25 22:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 22:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 00:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 00:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 00:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 00:29	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (15-20)

Lab Sample ID: 890-8599-4
Matrix: Solid
Date Collected: 08/07/25 11:54
Date Received: 08/08/25 09:41

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/08/25 14:52*	*08/17/25 00:29*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/08/25 14:52*	*08/17/25 00:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**139**		9.90	0.391	mg/Kg			08/13/25 16:46	1

Client Sample ID: TMW - 45 (20-25)

Lab Sample ID: 890-8599-5
Matrix: Solid
Date Collected: 08/07/25 11:56
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 23:00	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 23:00	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 23:00	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 23:00	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 23:00	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/11/25 11:33*	*08/11/25 23:00*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 23:00*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/11/25 11:33*	*08/11/25 23:00*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/11/25 11:33*	*08/11/25 23:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 23:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 00:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 00:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 00:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/08/25 14:52*	*08/17/25 00:45*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/08/25 14:52*	*08/17/25 00:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.9**		10.1	0.399	mg/Kg			08/13/25 16:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (25-30)

Lab Sample ID: 890-8599-6
Matrix: Solid
Date Collected: 08/07/25 11:58
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996	0.000381	mg/Kg		08/11/25 11:33	08/11/25 23:25	1
Toluene	<0.00498	U	0.00498	0.00121	mg/Kg		08/11/25 11:33	08/11/25 23:25	1
Ethylbenzene	<0.000996	U	0.000996	0.000303	mg/Kg		08/11/25 11:33	08/11/25 23:25	1
m,p-Xylenes	<0.00199	U	0.00199	0.000431	mg/Kg		08/11/25 11:33	08/11/25 23:25	1
o-Xylene	<0.000996	U	0.000996	0.000315	mg/Kg		08/11/25 11:33	08/11/25 23:25	1
Xylenes, Total	<0.00199	U	0.00199	0.000431	mg/Kg		08/11/25 11:33	08/11/25 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/11/25 11:33*	*08/11/25 23:25*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/11/25 23:25*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/11/25 11:33*	*08/11/25 23:25*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/11/25 11:33*	*08/11/25 23:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000431	mg/Kg			08/11/25 23:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 01:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 01:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 01:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 01:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*08/08/25 14:52*	*08/17/25 01:01*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/08/25 14:52*	*08/17/25 01:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.8**		10.1	0.397	mg/Kg			08/13/25 17:01	1

Client Sample ID: TMW - 45 (30-35)

Lab Sample ID: 890-8599-7
Matrix: Solid
Date Collected: 08/07/25 12:00
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/11/25 11:33	08/11/25 23:50	1
Toluene	<0.00504	U	0.00504	0.00122	mg/Kg		08/11/25 11:33	08/11/25 23:50	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/11/25 11:33	08/11/25 23:50	1
m,p-Xylenes	<0.00202	U	0.00202	0.000436	mg/Kg		08/11/25 11:33	08/11/25 23:50	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/11/25 11:33	08/11/25 23:50	1
Xylenes, Total	<0.00202	U	0.00202	0.000436	mg/Kg		08/11/25 11:33	08/11/25 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/11/25 11:33*	*08/11/25 23:50*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 890-8599-1
Project/Site: EBDU 37

Client Sample ID: TMW - 45 (30-35) Lab Sample ID: 890-8599-7

Date Collected: 08/07/25 12:00 **Matrix: Solid**
Date Received: 08/08/25 09:41

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 23:50*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/11/25 11:33*	*08/11/25 23:50*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 23:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000436	mg/Kg			08/11/25 23:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/17/25 01:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/08/25 14:52	08/17/25 01:17	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/08/25 14:52	08/17/25 01:17	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/08/25 14:52	08/17/25 01:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*101*		*70 - 130*	*08/08/25 14:52*	*08/17/25 01:17*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/08/25 14:52*	*08/17/25 01:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.6**		9.98	0.394	mg/Kg			08/13/25 17:09	1

Client Sample ID: TMW - 45 (35-40) Lab Sample ID: 890-8599-8

Date Collected: 08/07/25 12:02 **Matrix: Solid**
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/11/25 11:33	08/12/25 00:15	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/11/25 11:33	08/12/25 00:15	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/11/25 11:33	08/12/25 00:15	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/11/25 11:33	08/12/25 00:15	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/11/25 11:33	08/12/25 00:15	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/11/25 11:33	08/12/25 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/11/25 11:33*	*08/12/25 00:15*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/12/25 00:15*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/11/25 11:33*	*08/12/25 00:15*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/12/25 00:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/12/25 00:15	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (35-40)

Lab Sample ID: 890-8599-8
Matrix: Solid
Date Collected: 08/07/25 12:02
Date Received: 08/08/25 09:41

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 01:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 01:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 01:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/08/25 14:52*	*08/17/25 01:33*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/08/25 14:52*	*08/17/25 01:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.8**		10.1	0.399	mg/Kg			08/13/25 17:17	1

Client Sample ID: TMW - 45 (40-45)

Lab Sample ID: 890-8599-9
Matrix: Solid
Date Collected: 08/07/25 12:04
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/11/25 11:33	08/12/25 00:40	1
Toluene	<0.00505	U	0.00505	0.00122	mg/Kg		08/11/25 11:33	08/12/25 00:40	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/11/25 11:33	08/12/25 00:40	1
m,p-Xylenes	<0.00202	U	0.00202	0.000437	mg/Kg		08/11/25 11:33	08/12/25 00:40	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/11/25 11:33	08/12/25 00:40	1
Xylenes, Total	<0.00202	U	0.00202	0.000437	mg/Kg		08/11/25 11:33	08/12/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/11/25 11:33*	*08/12/25 00:40*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/12/25 00:40*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/11/25 11:33*	*08/12/25 00:40*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/11/25 11:33*	*08/12/25 00:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000437	mg/Kg			08/12/25 00:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 02:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:05	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (40-45)

Lab Sample ID: 890-8599-9
Matrix: Solid
Date Collected: 08/07/25 12:04
Date Received: 08/08/25 09:41

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/08/25 14:52	08/17/25 02:05	1
o-Terphenyl	102		70 - 130	08/08/25 14:52	08/17/25 02:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		9.90	0.391	mg/Kg			08/13/25 17:24	1

Client Sample ID: TMW - 45 (45-50)

Lab Sample ID: 890-8599-10
Matrix: Solid
Date Collected: 08/07/25 12:06
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/11/25 11:33	08/11/25 16:36	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/11/25 11:33	08/11/25 16:36	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/11/25 11:33	08/11/25 16:36	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/11/25 11:33	08/11/25 16:36	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/11/25 11:33	08/11/25 16:36	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/11/25 11:33	08/11/25 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		56 - 150	08/11/25 11:33	08/11/25 16:36	1
4-Bromofluorobenzene (Surr)	97		68 - 152	08/11/25 11:33	08/11/25 16:36	1
Dibromofluoromethane (Surr)	94		53 - 142	08/11/25 11:33	08/11/25 16:36	1
Toluene-d8 (Surr)	99		70 - 130	08/11/25 11:33	08/11/25 16:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/11/25 16:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 02:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/08/25 14:52	08/17/25 02:21	1
o-Terphenyl	101		70 - 130	08/08/25 14:52	08/17/25 02:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		10.1	0.399	mg/Kg			08/13/25 16:19	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (50-55)

Lab Sample ID: 890-8599-11
Matrix: Solid
Date Collected: 08/07/25 12:06
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/11/25 11:33	08/11/25 17:00	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/11/25 11:33	08/11/25 17:00	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/11/25 11:33	08/11/25 17:00	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/11/25 11:33	08/11/25 17:00	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/11/25 11:33	08/11/25 17:00	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/11/25 11:33	08/11/25 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*08/11/25 11:33*	*08/11/25 17:00*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/11/25 11:33*	*08/11/25 17:00*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*08/11/25 11:33*	*08/11/25 17:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/11/25 11:33*	*08/11/25 17:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/11/25 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 02:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 02:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 02:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/08/25 14:52*	*08/17/25 02:37*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/08/25 14:52*	*08/17/25 02:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.0**		10.1	0.398	mg/Kg			08/13/25 16:25	1

Client Sample ID: DUP - 3 - S

Lab Sample ID: 890-8599-12
Matrix: Solid
Date Collected: 08/07/25 11:46
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/11/25 11:33	08/11/25 17:10	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/11/25 11:33	08/11/25 17:10	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/11/25 11:33	08/11/25 17:10	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/11/25 11:33	08/11/25 17:10	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/11/25 11:33	08/11/25 17:10	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/11/25 11:33	08/11/25 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/11/25 11:33*	*08/11/25 17:10*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: DUP - 3 - S

Date Collected: 08/07/25 11:46
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8599-12

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/11/25 17:10*	*1*
Dibromofluoromethane (Surr)	*110*		*53 - 142*	*08/11/25 11:33*	*08/11/25 17:10*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/11/25 11:33*	*08/11/25 17:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 17:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.1**		49.9		mg/Kg			08/15/25 23:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/15/25 23:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/15/25 23:26	1
Oil Range Organics (Over C28-C36)	**56.1**		49.9		mg/Kg		08/12/25 08:06	08/15/25 23:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*129*		*70 - 130*	*08/12/25 08:06*	*08/15/25 23:26*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/15/25 23:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.1**		9.94	0.393	mg/Kg			08/13/25 16:42	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-8599-1	TMW - 45 (0-5)	118	106	101	99
890-8599-2	TMW - 45 (5-10)	117	105	105	99
890-8599-3	TMW - 45 (10-15)	100	100	85	94
890-8599-4	TMW - 45 (15-20)	113	105	105	100
890-8599-5	TMW - 45 (20-25)	115	105	103	100
890-8599-6	TMW - 45 (25-30)	115	106	101	97
890-8599-7	TMW - 45 (30-35)	111	105	101	99
890-8599-8	TMW - 45 (35-40)	115	105	101	99
890-8599-9	TMW - 45 (40-45)	113	106	98	100
890-8599-10	TMW - 45 (45-50)	99	97	94	99
890-8599-11	TMW - 45 (50-55)	102	93	94	97
890-8599-12	DUP - 3 - S	101	106	110	96
LCS 860-254215/3	Lab Control Sample	106	100	95	98
LCS 860-254221/3	Lab Control Sample	100	95	98	99
LCS 860-254224/3	Lab Control Sample	103	104	96	102
LCS 860-254502/3	Lab Control Sample	96	96	97	104
LCSD 860-254215/4	Lab Control Sample Dup	108	101	93	99
LCSD 860-254221/4	Lab Control Sample Dup	101	98	101	95
LCSD 860-254224/4	Lab Control Sample Dup	105	105	98	102
LCSD 860-254502/4	Lab Control Sample Dup	100	95	99	102
MB 860-254215/8	Method Blank	110	93	99	93
MB 860-254221/8	Method Blank	103	103	102	99
MB 860-254224/8	Method Blank	110	104	101	99
MB 860-254502/7	Method Blank	90	99	84	94

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8599-1	TMW - 45 (0-5)	101	99
890-8599-2	TMW - 45 (5-10)	106	107
890-8599-3	TMW - 45 (10-15)	103	103
890-8599-4	TMW - 45 (15-20)	101	99
890-8599-5	TMW - 45 (20-25)	101	97
890-8599-6	TMW - 45 (25-30)	109	107
890-8599-7	TMW - 45 (30-35)	101	100
890-8599-8	TMW - 45 (35-40)	100	99
890-8599-9	TMW - 45 (40-45)	103	102
890-8599-10	TMW - 45 (45-50)	100	101
890-8599-11	TMW - 45 (50-55)	102	102
890-8599-12	DUP - 3 - S	129	137 S1+
890-8599-12 MS	DUP - 3 - S	79	74

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8599-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-8599-12 MSD	DUP - 3 - S	81	74								
LCS 880-116265/2-A	Lab Control Sample	104	117								
LCS 880-116430/2-A	Lab Control Sample	79	76								
LCSD 880-116265/3-A	Lab Control Sample Dup	117	108								
LCSD 880-116430/3-A	Lab Control Sample Dup	92	87								
MB 880-116265/1-A	Method Blank	71	70								
MB 880-116430/1-A	Method Blank	122	131 S1+								

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

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

Lab Sample ID: MB 860-254215/8
Matrix: Solid
Analysis Batch: 254215

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/11/25 11:18	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/11/25 11:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/11/25 11:18	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 11:18	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/11/25 11:18	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 11:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*		*08/11/25 11:18*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*		*08/11/25 11:18*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/11/25 11:18*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/11/25 11:18*	*1*

Lab Sample ID: LCS 860-254215/3
Matrix: Solid
Analysis Batch: 254215

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05210		mg/Kg		104	66 - 142		
Toluene			0.0500	0.05257		mg/Kg		105	74 - 130		
Ethylbenzene			0.0500	0.05834		mg/Kg		117	80 - 130		
m,p-Xylenes			0.0500	0.06177		mg/Kg		124	78 - 130		
o-Xylene			0.0500	0.05752		mg/Kg		115	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 860-254215/4
Matrix: Solid
Analysis Batch: 254215

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04803		mg/Kg		96	66 - 142	8	25
Toluene			0.0500	0.04820		mg/Kg		96	74 - 130	9	25
Ethylbenzene			0.0500	0.05365		mg/Kg		107	80 - 130	8	25
m,p-Xylenes			0.0500	0.05617		mg/Kg		112	78 - 130	9	25
o-Xylene			0.0500	0.05367		mg/Kg		107	79 - 130	7	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*93*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

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

Lab Sample ID: MB 860-254221/8
Matrix: Solid
Analysis Batch: 254221

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/11/25 11:06	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/11/25 11:06	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/11/25 11:06	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 11:06	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/11/25 11:06	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*08/11/25 11:06*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*		*08/11/25 11:06*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*		*08/11/25 11:06*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/11/25 11:06*	*1*

Lab Sample ID: LCS 860-254221/3
Matrix: Solid
Analysis Batch: 254221

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04915		mg/Kg		98	66 - 142		
Toluene			0.0500	0.04742		mg/Kg		95	74 - 130		
Ethylbenzene			0.0500	0.05115		mg/Kg		102	80 - 130		
m,p-Xylenes			0.0500	0.05061		mg/Kg		101	78 - 130		
o-Xylene			0.0500	0.05073		mg/Kg		101	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 860-254221/4
Matrix: Solid
Analysis Batch: 254221

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04958		mg/Kg		99	66 - 142	1	25
Toluene			0.0500	0.04634		mg/Kg		93	74 - 130	2	25
Ethylbenzene			0.0500	0.04924		mg/Kg		98	80 - 130	4	25
m,p-Xylenes			0.0500	0.04883		mg/Kg		98	78 - 130	4	25
o-Xylene			0.0500	0.04941		mg/Kg		99	79 - 130	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*
Dibromofluoromethane (Surr)	*101*		*53 - 142*
Toluene-d8 (Surr)	*95*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

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

Lab Sample ID: MB 860-254224/8
Matrix: Solid
Analysis Batch: 254224

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/11/25 16:18	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/11/25 16:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/11/25 16:18	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 16:18	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/11/25 16:18	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*		*08/11/25 16:18*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*		*08/11/25 16:18*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*		*08/11/25 16:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/11/25 16:18*	*1*

Lab Sample ID: LCS 860-254224/3
Matrix: Solid
Analysis Batch: 254224

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05390		mg/Kg		108	66 - 142		
Toluene			0.0500	0.05372		mg/Kg		107	74 - 130		
Ethylbenzene			0.0500	0.05515		mg/Kg		110	80 - 130		
m,p-Xylenes			0.0500	0.05415		mg/Kg		108	78 - 130		
o-Xylene			0.0500	0.05375		mg/Kg		108	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*
Dibromofluoromethane (Surr)	*96*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254224/4
Matrix: Solid
Analysis Batch: 254224

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04768		mg/Kg		95	66 - 142	12	25
Toluene			0.0500	0.04768		mg/Kg		95	74 - 130	12	25
Ethylbenzene			0.0500	0.04932		mg/Kg		99	80 - 130	11	25
m,p-Xylenes			0.0500	0.04762		mg/Kg		95	78 - 130	13	25
o-Xylene			0.0500	0.04806		mg/Kg		96	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

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

Lab Sample ID: MB 860-254502/7
Matrix: Solid
Analysis Batch: 254502

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/12/25 10:42	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/12/25 10:42	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/12/25 10:42	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 10:42	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/12/25 10:42	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*08/12/25 10:42*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*		*08/12/25 10:42*	*1*
Dibromofluoromethane (Surr)	*84*		*53 - 142*		*08/12/25 10:42*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/12/25 10:42*	*1*

Lab Sample ID: LCS 860-254502/3
Matrix: Solid
Analysis Batch: 254502

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04929		mg/Kg		99	66 - 142		
Toluene			0.0500	0.04909		mg/Kg		98	74 - 130		
Ethylbenzene			0.0500	0.05224		mg/Kg		104	80 - 130		
m,p-Xylenes			0.0500	0.05217		mg/Kg		104	78 - 130		
o-Xylene			0.0500	0.05336		mg/Kg		107	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-254502/4
Matrix: Solid
Analysis Batch: 254502

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04871		mg/Kg		97	66 - 142	1	25
Toluene			0.0500	0.04764		mg/Kg		95	74 - 130	3	25
Ethylbenzene			0.0500	0.05034		mg/Kg		101	80 - 130	4	25
m,p-Xylenes			0.0500	0.05083		mg/Kg		102	78 - 130	3	25
o-Xylene			0.0500	0.05240		mg/Kg		105	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*99*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116265/1-A
Matrix: Solid
Analysis Batch: 116855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116265

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 21:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 21:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*08/08/25 14:52*	*08/16/25 21:30*	*1*
o-Terphenyl	*70*		*70 - 130*	*08/08/25 14:52*	*08/16/25 21:30*	*1*

Lab Sample ID: LCS 880-116265/2-A
Matrix: Solid
Analysis Batch: 116855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116265

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	958.9		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1014		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: LCSD 880-116265/3-A
Matrix: Solid
Analysis Batch: 116855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116265

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	934.4		mg/Kg		93	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	913.0		mg/Kg		91	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: MB 880-116430/1-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116430

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-116430/1-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116430

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	08/12/25 07:59	08/15/25 22:41	1
o-Terphenyl	131	S1+	70 - 130	08/12/25 07:59	08/15/25 22:41	1

Lab Sample ID: LCS 880-116430/2-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	994.3		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1026		mg/Kg		103	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	76		70 - 130

Lab Sample ID: LCSD 880-116430/3-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1172		mg/Kg		117	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1172		mg/Kg		117	70 - 130	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 890-8599-12 MS
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: DUP - 3 - S
Prep Type: Total/NA
Prep Batch: 116430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1103		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1096		mg/Kg		108	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	79		70 - 130
o-Terphenyl	74		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-8599-12 MSD
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: DUP - 3 - S
Prep Type: Total/NA
Prep Batch: 116430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	1129		mg/Kg		113	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1122		mg/Kg		111	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*74*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116364/1-A
Matrix: Solid
Analysis Batch: 116473

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/13/25 13:36	1

Lab Sample ID: LCS 880-116364/2-A
Matrix: Solid
Analysis Batch: 116473

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.4		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-116364/3-A
Matrix: Solid
Analysis Batch: 116473

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	255.7		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-116490/1-A
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/13/25 15:34	1

Lab Sample ID: LCS 880-116490/2-A
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	227.3		mg/Kg		91	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-116490/3-A
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	227.8		mg/Kg		91	90 - 110	0	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

GC/MS VOA

Analysis Batch: 254215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-10	TMW - 45 (45-50)	Total/NA	Solid	8260D	254288
890-8599-11	TMW - 45 (50-55)	Total/NA	Solid	8260D	254288
MB 860-254215/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254215/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254215/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-12	DUP - 3 - S	Total/NA	Solid	8260D	254288
MB 860-254221/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254221/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254221/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Total/NA	Solid	8260D	254288
890-8599-2	TMW - 45 (5-10)	Total/NA	Solid	8260D	254288
890-8599-4	TMW - 45 (15-20)	Total/NA	Solid	8260D	254288
890-8599-5	TMW - 45 (20-25)	Total/NA	Solid	8260D	254288
890-8599-6	TMW - 45 (25-30)	Total/NA	Solid	8260D	254288
890-8599-7	TMW - 45 (30-35)	Total/NA	Solid	8260D	254288
890-8599-8	TMW - 45 (35-40)	Total/NA	Solid	8260D	254288
890-8599-9	TMW - 45 (40-45)	Total/NA	Solid	8260D	254288
MB 860-254224/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254224/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254224/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 254288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Total/NA	Solid	5035	
890-8599-2	TMW - 45 (5-10)	Total/NA	Solid	5035	
890-8599-4	TMW - 45 (15-20)	Total/NA	Solid	5035	
890-8599-5	TMW - 45 (20-25)	Total/NA	Solid	5035	
890-8599-6	TMW - 45 (25-30)	Total/NA	Solid	5035	
890-8599-7	TMW - 45 (30-35)	Total/NA	Solid	5035	
890-8599-8	TMW - 45 (35-40)	Total/NA	Solid	5035	
890-8599-9	TMW - 45 (40-45)	Total/NA	Solid	5035	
890-8599-10	TMW - 45 (45-50)	Total/NA	Solid	5035	
890-8599-11	TMW - 45 (50-55)	Total/NA	Solid	5035	
890-8599-12	DUP - 3 - S	Total/NA	Solid	5035	

Analysis Batch: 254502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-3	TMW - 45 (10-15)	Total/NA	Solid	8260D	254569
MB 860-254502/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-254502/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254502/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 254569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-3	TMW - 45 (10-15)	Total/NA	Solid	5035	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

GC/MS VOA

Analysis Batch: 254658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Total/NA	Solid	Total BTEX	
890-8599-2	TMW - 45 (5-10)	Total/NA	Solid	Total BTEX	
890-8599-3	TMW - 45 (10-15)	Total/NA	Solid	Total BTEX	
890-8599-4	TMW - 45 (15-20)	Total/NA	Solid	Total BTEX	
890-8599-5	TMW - 45 (20-25)	Total/NA	Solid	Total BTEX	
890-8599-6	TMW - 45 (25-30)	Total/NA	Solid	Total BTEX	
890-8599-7	TMW - 45 (30-35)	Total/NA	Solid	Total BTEX	
890-8599-8	TMW - 45 (35-40)	Total/NA	Solid	Total BTEX	
890-8599-9	TMW - 45 (40-45)	Total/NA	Solid	Total BTEX	
890-8599-10	TMW - 45 (45-50)	Total/NA	Solid	Total BTEX	
890-8599-11	TMW - 45 (50-55)	Total/NA	Solid	Total BTEX	
890-8599-12	DUP - 3 - S	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Total/NA	Solid	8015NM Prep	
890-8599-2	TMW - 45 (5-10)	Total/NA	Solid	8015NM Prep	
890-8599-3	TMW - 45 (10-15)	Total/NA	Solid	8015NM Prep	
890-8599-4	TMW - 45 (15-20)	Total/NA	Solid	8015NM Prep	
890-8599-5	TMW - 45 (20-25)	Total/NA	Solid	8015NM Prep	
890-8599-6	TMW - 45 (25-30)	Total/NA	Solid	8015NM Prep	
890-8599-7	TMW - 45 (30-35)	Total/NA	Solid	8015NM Prep	
890-8599-8	TMW - 45 (35-40)	Total/NA	Solid	8015NM Prep	
890-8599-9	TMW - 45 (40-45)	Total/NA	Solid	8015NM Prep	
890-8599-10	TMW - 45 (45-50)	Total/NA	Solid	8015NM Prep	
890-8599-11	TMW - 45 (50-55)	Total/NA	Solid	8015NM Prep	
MB 880-116265/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116265/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116265/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 116430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-12	DUP - 3 - S	Total/NA	Solid	8015NM Prep	
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8599-12 MS	DUP - 3 - S	Total/NA	Solid	8015NM Prep	
890-8599-12 MSD	DUP - 3 - S	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-12	DUP - 3 - S	Total/NA	Solid	8015B NM	116430
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015B NM	116430
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116430
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116430
890-8599-12 MS	DUP - 3 - S	Total/NA	Solid	8015B NM	116430
890-8599-12 MSD	DUP - 3 - S	Total/NA	Solid	8015B NM	116430

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

GC Semi VOA

Analysis Batch: 116855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Total/NA	Solid	8015B NM	116265
890-8599-2	TMW - 45 (5-10)	Total/NA	Solid	8015B NM	116265
890-8599-3	TMW - 45 (10-15)	Total/NA	Solid	8015B NM	116265
890-8599-4	TMW - 45 (15-20)	Total/NA	Solid	8015B NM	116265
890-8599-5	TMW - 45 (20-25)	Total/NA	Solid	8015B NM	116265
890-8599-6	TMW - 45 (25-30)	Total/NA	Solid	8015B NM	116265
890-8599-7	TMW - 45 (30-35)	Total/NA	Solid	8015B NM	116265
890-8599-8	TMW - 45 (35-40)	Total/NA	Solid	8015B NM	116265
890-8599-9	TMW - 45 (40-45)	Total/NA	Solid	8015B NM	116265
890-8599-10	TMW - 45 (45-50)	Total/NA	Solid	8015B NM	116265
890-8599-11	TMW - 45 (50-55)	Total/NA	Solid	8015B NM	116265
MB 880-116265/1-A	Method Blank	Total/NA	Solid	8015B NM	116265
LCS 880-116265/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116265
LCSD 880-116265/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116265

Analysis Batch: 116884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Total/NA	Solid	8015 NM	
890-8599-2	TMW - 45 (5-10)	Total/NA	Solid	8015 NM	
890-8599-3	TMW - 45 (10-15)	Total/NA	Solid	8015 NM	
890-8599-4	TMW - 45 (15-20)	Total/NA	Solid	8015 NM	
890-8599-5	TMW - 45 (20-25)	Total/NA	Solid	8015 NM	
890-8599-6	TMW - 45 (25-30)	Total/NA	Solid	8015 NM	
890-8599-7	TMW - 45 (30-35)	Total/NA	Solid	8015 NM	
890-8599-8	TMW - 45 (35-40)	Total/NA	Solid	8015 NM	
890-8599-9	TMW - 45 (40-45)	Total/NA	Solid	8015 NM	
890-8599-10	TMW - 45 (45-50)	Total/NA	Solid	8015 NM	
890-8599-11	TMW - 45 (50-55)	Total/NA	Solid	8015 NM	
890-8599-12	DUP - 3 - S	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Soluble	Solid	DI Leach	
890-8599-2	TMW - 45 (5-10)	Soluble	Solid	DI Leach	
890-8599-3	TMW - 45 (10-15)	Soluble	Solid	DI Leach	
890-8599-4	TMW - 45 (15-20)	Soluble	Solid	DI Leach	
890-8599-5	TMW - 45 (20-25)	Soluble	Solid	DI Leach	
890-8599-6	TMW - 45 (25-30)	Soluble	Solid	DI Leach	
890-8599-7	TMW - 45 (30-35)	Soluble	Solid	DI Leach	
890-8599-8	TMW - 45 (35-40)	Soluble	Solid	DI Leach	
890-8599-9	TMW - 45 (40-45)	Soluble	Solid	DI Leach	
MB 880-116364/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116364/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116364/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 116473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-1	TMW - 45 (0-5)	Soluble	Solid	300.0	116364
890-8599-2	TMW - 45 (5-10)	Soluble	Solid	300.0	116364

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

HPLC/IC (Continued)

Analysis Batch: 116473 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-3	TMW - 45 (10-15)	Soluble	Solid	300.0	116364
890-8599-4	TMW - 45 (15-20)	Soluble	Solid	300.0	116364
890-8599-5	TMW - 45 (20-25)	Soluble	Solid	300.0	116364
890-8599-6	TMW - 45 (25-30)	Soluble	Solid	300.0	116364
890-8599-7	TMW - 45 (30-35)	Soluble	Solid	300.0	116364
890-8599-8	TMW - 45 (35-40)	Soluble	Solid	300.0	116364
890-8599-9	TMW - 45 (40-45)	Soluble	Solid	300.0	116364
MB 880-116364/1-A	Method Blank	Soluble	Solid	300.0	116364
LCS 880-116364/2-A	Lab Control Sample	Soluble	Solid	300.0	116364
LCSD 880-116364/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116364

Leach Batch: 116490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-10	TMW - 45 (45-50)	Soluble	Solid	DI Leach	
890-8599-11	TMW - 45 (50-55)	Soluble	Solid	DI Leach	
890-8599-12	DUP - 3 - S	Soluble	Solid	DI Leach	
MB 880-116490/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116490/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116490/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 116529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8599-10	TMW - 45 (45-50)	Soluble	Solid	300.0	116490
890-8599-11	TMW - 45 (50-55)	Soluble	Solid	300.0	116490
890-8599-12	DUP - 3 - S	Soluble	Solid	300.0	116490
MB 880-116490/1-A	Method Blank	Soluble	Solid	300.0	116490
LCS 880-116490/2-A	Lab Control Sample	Soluble	Solid	300.0	116490
LCSD 880-116490/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116490

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (0-5)

Lab Sample ID: 890-8599-1
Matrix: Solid
Date Collected: 08/07/25 11:48
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 21:44	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 21:44	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/16/25 23:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/16/25 23:41	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 16:08	CS	EET MID

Client Sample ID: TMW - 45 (5-10)

Lab Sample ID: 890-8599-2
Matrix: Solid
Date Collected: 08/07/25 11:50
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 22:09	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 22:09	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/16/25 23:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/16/25 23:57	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 16:16	CS	EET MID

Client Sample ID: TMW - 45 (10-15)

Lab Sample ID: 890-8599-3
Matrix: Solid
Date Collected: 08/07/25 11:52
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254569	08/12/25 11:25	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254502	08/12/25 12:52	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/12/25 12:52	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 00:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 00:13	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 16:39	CS	EET MID

Client Sample ID: TMW - 45 (15-20)

Lab Sample ID: 890-8599-4
Matrix: Solid
Date Collected: 08/07/25 11:54
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 22:35	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 22:35	RJT	EET HOU

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (15-20)

Lab Sample ID: 890-8599-4
Matrix: Solid
Date Collected: 08/07/25 11:54
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116884	08/17/25 00:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 00:29	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 16:46	CS	EET MID

Client Sample ID: TMW - 45 (20-25)

Lab Sample ID: 890-8599-5
Matrix: Solid
Date Collected: 08/07/25 11:56
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 23:00	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 23:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 00:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 00:45	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 16:54	CS	EET MID

Client Sample ID: TMW - 45 (25-30)

Lab Sample ID: 890-8599-6
Matrix: Solid
Date Collected: 08/07/25 11:58
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 23:25	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 23:25	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 01:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 01:01	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 17:01	CS	EET MID

Client Sample ID: TMW - 45 (30-35)

Lab Sample ID: 890-8599-7
Matrix: Solid
Date Collected: 08/07/25 12:00
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 23:50	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 23:50	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 01:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 01:17	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (30-35)

Lab Sample ID: 890-8599-7
Matrix: Solid
Date Collected: 08/07/25 12:00
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 17:09	CS	EET MID

Client Sample ID: TMW - 45 (35-40)

Lab Sample ID: 890-8599-8
Matrix: Solid
Date Collected: 08/07/25 12:02
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/12/25 00:15	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/12/25 00:15	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 01:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 01:33	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 17:17	CS	EET MID

Client Sample ID: TMW - 45 (40-45)

Lab Sample ID: 890-8599-9
Matrix: Solid
Date Collected: 08/07/25 12:04
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/12/25 00:40	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/12/25 00:40	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 02:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 02:05	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116364	08/11/25 12:00	SI	EET MID
Soluble	Analysis	300.0		1			116473	08/13/25 17:24	CS	EET MID

Client Sample ID: TMW - 45 (45-50)

Lab Sample ID: 890-8599-10
Matrix: Solid
Date Collected: 08/07/25 12:06
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 16:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 16:36	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 02:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 02:21	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 16:19	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Client Sample ID: TMW - 45 (50-55)

Lab Sample ID: 890-8599-11
Matrix: Solid
Date Collected: 08/07/25 12:06
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254215	08/11/25 17:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 17:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/17/25 02:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 02:37	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 16:25	CS	EET MID

Client Sample ID: DUP - 3 - S

Lab Sample ID: 890-8599-12
Matrix: Solid
Date Collected: 08/07/25 11:46
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254221	08/11/25 17:10	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254658	08/11/25 17:10	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116884	08/15/25 23:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/15/25 23:26	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 16:42	CS	EET MID

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8599-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8599-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8599-1	TMW - 45 (0-5)	Solid	08/07/25 11:48	08/08/25 09:41	Texas
890-8599-2	TMW - 45 (5-10)	Solid	08/07/25 11:50	08/08/25 09:41	Texas
890-8599-3	TMW - 45 (10-15)	Solid	08/07/25 11:52	08/08/25 09:41	Texas
890-8599-4	TMW - 45 (15-20)	Solid	08/07/25 11:54	08/08/25 09:41	Texas
890-8599-5	TMW - 45 (20-25)	Solid	08/07/25 11:56	08/08/25 09:41	Texas
890-8599-6	TMW - 45 (25-30)	Solid	08/07/25 11:58	08/08/25 09:41	Texas
890-8599-7	TMW - 45 (30-35)	Solid	08/07/25 12:00	08/08/25 09:41	Texas
890-8599-8	TMW - 45 (35-40)	Solid	08/07/25 12:02	08/08/25 09:41	Texas
890-8599-9	TMW - 45 (40-45)	Solid	08/07/25 12:04	08/08/25 09:41	Texas
890-8599-10	TMW - 45 (45-50)	Solid	08/07/25 12:06	08/08/25 09:41	Texas
890-8599-11	TMW - 45 (50-55)	Solid	08/07/25 12:06	08/08/25 09:41	Texas
890-8599-12	DUP - 3 - S	Solid	08/07/25 11:46	08/08/25 09:41	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

890-8599 Chain of Custody

Preservation Codes:
NO3
one
2SO4
CL
aOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D_GRFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
		Preservation Code:					N		
TMW-45 (0-5)	08/07/25	1148	C	Soil			X		
TMW-45 (5-10)		1150	C	Soil			X		
TMW-45 (10-15)		1152	C	Soil			X		
TMW-45 (15-20)		1154	C	Soil			X		
TMW-45 (20-25)		1156	C	Soil			X		
TMW-45 (25-30)		1158	C	Soil			X		
TMW-45 (30-35)		1200	C	Soil			X		
TMW-45 (35-40)		1202	C	Soil			X		
TMW-45 (40-45)		1204	C	Soil			X		
TMW-45 (45-50)		1206	C	Soil			X		
TMW-45 (50-55)		1208	C	Soil			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
		08/08/25 0424			8/8/25 715	
	Relinquished by:	Date/Time: 8/8/25 927	Company	Received by:	Date/Time: 8/8 927	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: (NMCC) -0.2 4.8 4.6

Ver: 05/06/2024

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8/19/2025
Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

8/19/2025

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D_S1M_Ext_Pet_NM_DRO	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
DUP-3-S	08/08/25	1140	C	Soil	X		
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		08/08/25 0424			8/8/25 715	
2		8/8/25 927			8/8 927	
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR Gun #29 -0.2 4.8 4.6

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5643.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8599-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/14/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX	8260D/5035FP_CalcBTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW 45 (0-5) (890-8599-1)	8/7/25	11:48 Central	G	Solid			X	X	2	
TMW 45 (5-10) (890-8599-2)	8/7/25	11:50 Central	G	Solid			X	X	2	
TMW 45 (10-15) (890-8599-3)	8/7/25	11:52 Central	G	Solid			X	X	2	
TMW 45 (15-20) (890-8599-4)	8/7/25	11:54 Central	G	Solid			X	X	2	
TMW 45 (20-25) (890-8599-5)	8/7/25	11:56 Central	G	Solid			X	X	2	
TMW 45 (25-30) (890-8599-6)	8/7/25	11:58 Central	G	Solid			X	X	2	
TMW 45 (30-35) (890-8599-7)	8/7/25	12:00 Central	G	Solid			X	X	2	
TMW 45 (35-40) (890-8599-8)	8/7/25	12:02 Central	G	Solid			X	X	2	
TMW 45 (40-45) (890-8599-9)	8/7/25	12:04 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/9	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: HW3b8 2.4

Ver: 10/10/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5644.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8599-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/14/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW - 45 (0-5) (890-8599-1)	8/7/25	11:48 Central	G	Solid			X	X	X	2	
TMW - 45 (5-10) (890-8599-2)	8/7/25	11:50 Central	G	Solid			X	X	X	2	
TMW - 45 (10-15) (890-8599-3)	8/7/25	11:52 Central	G	Solid			X	X	X	2	
TMW - 45 (15-20) (890-8599-4)	8/7/25	11:54 Central	G	Solid			X	X	X	2	
TMW - 45 (20-25) (890-8599-5)	8/7/25	11:56 Central	G	Solid			X	X	X	2	
TMW - 45 (25-30) (890-8599-8)	8/7/25	11:58 Central	G	Solid			X	X	X	2	
TMW - 45 (30-35) (890-8599-7)	8/7/25	12:00 Central	G	Solid			X	X	X	2	
TMW - 45 (35-40) (890-8599-8)	8/7/25	12:02 Central	G	Solid			X	X	X	2	
TMW - 45 (40-45) (890-8599-9)	8/7/25	12:04 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/11/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.3 -.1

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8599-1

Login Number: 8599 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8599-1

Login Number: 8599
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/09/25 01:34 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8599-1

Login Number: 8599
List Number: 3
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/11/25 09:32 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 4:52:20 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8600-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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my EOL

Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/19/2025 4:52:20 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8600-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8600-1
Project: EBDU 37

Job ID: 890-8600-1 Eurofins Carlsbad

Job Narrative
890-8600-1

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

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

Receipt
The samples were received on 8/8/2025 9:41 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW-43 (0-5) (890-8600-1), TMW-43 (5-10) (890-8600-2), TMW-43 (10-15) (890-8600-3), TMW-43 (15-20) (890-8600-4), TMW-43 (20-25) (890-8600-5), TMW-43 (25-30) (890-8600-6), TMW-43 (30-35) (890-8600-7), TMW-43 (35-40) (890-8600-8), TMW-43 (40-45) (890-8600-9), TMW-43 (45-50) (890-8600-10), TMW-43 (50-55) (890-8600-11) and TMW-43 (55-60) (890-8600-12).

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

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116409 and analytical batch 880-116859 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (0-5)

Lab Sample ID: 890-8600-1
Matrix: Solid
Date Collected: 08/07/25 14:30
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/11/25 11:33	08/11/25 16:43	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/11/25 11:33	08/11/25 16:43	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/11/25 11:33	08/11/25 16:43	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/11/25 11:33	08/11/25 16:43	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/11/25 11:33	08/11/25 16:43	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/11/25 11:33	08/11/25 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*	*08/11/25 11:33*	*08/11/25 16:43*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/11/25 16:43*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/11/25 11:33*	*08/11/25 16:43*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 16:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/11/25 16:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 02:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/08/25 14:52	08/17/25 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/08/25 14:52*	*08/17/25 02:53*	*1*
o-Terphenyl	*93*		*70 - 130*	*08/08/25 14:52*	*08/17/25 02:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		9.92	0.392	mg/Kg			08/13/25 16:48	1

Client Sample ID: TMW-43 (5-10)

Lab Sample ID: 890-8600-2
Matrix: Solid
Date Collected: 08/07/25 14:32
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994	0.000380	mg/Kg		08/11/25 11:33	08/11/25 17:08	1
Toluene	<0.00497	U	0.00497	0.00120	mg/Kg		08/11/25 11:33	08/11/25 17:08	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/11/25 11:33	08/11/25 17:08	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/11/25 11:33	08/11/25 17:08	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/11/25 11:33	08/11/25 17:08	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/11/25 11:33	08/11/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/11/25 11:33*	*08/11/25 17:08*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8600-1
Project/Site: EBDU 37

Client Sample ID: TMW-43 (5-10)
Lab Sample ID: 890-8600-2
Date Collected: 08/07/25 14:32
Matrix: Solid
Date Received: 08/08/25 09:41

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/11/25 17:08*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/11/25 11:33*	*08/11/25 17:08*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/11/25 11:33*	*08/11/25 17:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000430	mg/Kg			08/11/25 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 03:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 03:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 03:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/08/25 14:52*	*08/17/25 03:09*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/08/25 14:52*	*08/17/25 03:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		9.96	0.393	mg/Kg			08/13/25 16:53	1

Client Sample ID: TMW-43 (10-15)
Lab Sample ID: 890-8600-3
Date Collected: 08/07/25 14:34
Matrix: Solid
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/11/25 11:33	08/11/25 17:33	1
Toluene	<0.00496	U	0.00496	0.00120	mg/Kg		08/11/25 11:33	08/11/25 17:33	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/11/25 11:33	08/11/25 17:33	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 17:33	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/11/25 11:33	08/11/25 17:33	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/11/25 11:33*	*08/11/25 17:33*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/11/25 11:33*	*08/11/25 17:33*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/11/25 11:33*	*08/11/25 17:33*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 17:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 17:33	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (10-15)

Lab Sample ID: 890-8600-3
Matrix: Solid
Date Collected: 08/07/25 14:34
Date Received: 08/08/25 09:41

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 03:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 03:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 03:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/08/25 14:52*	*08/17/25 03:24*	*1*
o-Terphenyl	*99*		*70 - 130*	*08/08/25 14:52*	*08/17/25 03:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		9.92	0.392	mg/Kg			08/13/25 16:59	1

Client Sample ID: TMW-43 (15-20)

Lab Sample ID: 890-8600-4
Matrix: Solid
Date Collected: 08/07/25 14:36
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/11/25 11:33	08/11/25 17:58	1
Toluene	<0.00496	U	0.00496	0.00120	mg/Kg		08/11/25 11:33	08/11/25 17:58	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/11/25 11:33	08/11/25 17:58	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 17:58	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/11/25 11:33	08/11/25 17:58	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/11/25 11:33*	*08/11/25 17:58*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 17:58*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/11/25 11:33*	*08/11/25 17:58*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 17:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 17:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 03:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 03:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 03:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 03:41	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (15-20)

Lab Sample ID: 890-8600-4
Matrix: Solid
Date Collected: 08/07/25 14:36
Date Received: 08/08/25 09:41

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	08/08/25 14:52	08/17/25 03:41	1
o-Terphenyl	94		70 - 130	08/08/25 14:52	08/17/25 03:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.7		9.92	0.392	mg/Kg			08/13/25 17:05	1

Client Sample ID: TMW-43 (20-25)

Lab Sample ID: 890-8600-5
Matrix: Solid
Date Collected: 08/07/25 14:38
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 18:23	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 18:23	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 18:23	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 18:23	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 18:23	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		56 - 150	08/11/25 11:33	08/11/25 18:23	1
4-Bromofluorobenzene (Surr)	106		68 - 152	08/11/25 11:33	08/11/25 18:23	1
Dibromofluoromethane (Surr)	103		53 - 142	08/11/25 11:33	08/11/25 18:23	1
Toluene-d8 (Surr)	99		70 - 130	08/11/25 11:33	08/11/25 18:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 18:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 03:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 03:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 03:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/08/25 14:52	08/17/25 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	08/08/25 14:52	08/17/25 03:57	1
o-Terphenyl	88		70 - 130	08/08/25 14:52	08/17/25 03:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		10.1	0.398	mg/Kg			08/13/25 17:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (25-30)

Lab Sample ID: 890-8600-6
Matrix: Solid
Date Collected: 08/07/25 14:40
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 18:48	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 18:48	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 18:48	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 18:48	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 18:48	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/11/25 11:33*	*08/11/25 18:48*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 18:48*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/11/25 11:33*	*08/11/25 18:48*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/11/25 11:33*	*08/11/25 18:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 18:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 04:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 04:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/08/25 14:52*	*08/17/25 04:13*	*1*
o-Terphenyl	*87*		*70 - 130*	*08/08/25 14:52*	*08/17/25 04:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.1**		9.94	0.393	mg/Kg			08/13/25 17:27	1

Client Sample ID: TMW-43 (30-35)

Lab Sample ID: 890-8600-7
Matrix: Solid
Date Collected: 08/07/25 14:42
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 19:14	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 19:14	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 19:14	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 19:14	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 19:14	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/11/25 11:33*	*08/11/25 19:14*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 890-8600-1
Project/Site: EBDU 37

Client Sample ID: TMW-43 (30-35) Lab Sample ID: 890-8600-7

Date Collected: 08/07/25 14:42 **Matrix: Solid**
Date Received: 08/08/25 09:41

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/11/25 11:33*	*08/11/25 19:14*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/11/25 11:33*	*08/11/25 19:14*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/11/25 11:33*	*08/11/25 19:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 19:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 04:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 04:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 04:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/17/25 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/08/25 14:52*	*08/17/25 04:28*	*1*
o-Terphenyl	*91*		*70 - 130*	*08/08/25 14:52*	*08/17/25 04:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.6**		9.92	0.392	mg/Kg			08/13/25 17:33	1

Client Sample ID: TMW-43 (35-40) Lab Sample ID: 890-8600-8

Date Collected: 08/07/25 14:44 **Matrix: Solid**
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/11/25 11:33	08/11/25 19:39	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/11/25 11:33	08/11/25 19:39	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/11/25 11:33	08/11/25 19:39	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/11/25 11:33	08/11/25 19:39	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/11/25 11:33	08/11/25 19:39	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/11/25 11:33	08/11/25 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/11/25 11:33*	*08/11/25 19:39*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 19:39*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/11/25 11:33*	*08/11/25 19:39*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 19:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 19:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (35-40)

Lab Sample ID: 890-8600-8
Matrix: Solid
Date Collected: 08/07/25 14:44
Date Received: 08/08/25 09:41

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 22:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/16/25 22:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		08/11/25 14:47	08/16/25 22:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/16/25 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*08/11/25 14:47*	*08/16/25 22:37*	*1*
o-Terphenyl	*104*		*70 - 130*	*08/11/25 14:47*	*08/16/25 22:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.2**		9.94	0.393	mg/Kg			08/13/25 17:50	1

Client Sample ID: TMW-43 (40-45)

Lab Sample ID: 890-8600-9
Matrix: Solid
Date Collected: 08/07/25 14:46
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000385	mg/Kg		08/11/25 11:33	08/11/25 20:04	1
Toluene	<0.00503	U	0.00503	0.00122	mg/Kg		08/11/25 11:33	08/11/25 20:04	1
Ethylbenzene	<0.00101	U	0.00101	0.000306	mg/Kg		08/11/25 11:33	08/11/25 20:04	1
m,p-Xylenes	<0.00201	U	0.00201	0.000436	mg/Kg		08/11/25 11:33	08/11/25 20:04	1
o-Xylene	<0.00101	U	0.00101	0.000318	mg/Kg		08/11/25 11:33	08/11/25 20:04	1
Xylenes, Total	<0.00201	U	0.00201	0.000436	mg/Kg		08/11/25 11:33	08/11/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/11/25 11:33*	*08/11/25 20:04*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/11/25 20:04*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/11/25 11:33*	*08/11/25 20:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/11/25 11:33*	*08/11/25 20:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000436	mg/Kg			08/11/25 20:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 23:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/16/25 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/16/25 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/16/25 23:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (40-45)

Lab Sample ID: 890-8600-9
Matrix: Solid
Date Collected: 08/07/25 14:46
Date Received: 08/08/25 09:41

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/11/25 14:47	08/16/25 23:25	1
o-Terphenyl	98		70 - 130	08/11/25 14:47	08/16/25 23:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.3		9.98	0.394	mg/Kg			08/13/25 17:56	1

Client Sample ID: TMW-43 (45-50)

Lab Sample ID: 890-8600-10
Matrix: Solid
Date Collected: 08/07/25 14:48
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992	0.000379	mg/Kg		08/11/25 11:33	08/11/25 20:29	1
Toluene	<0.00496	U	0.00496	0.00120	mg/Kg		08/11/25 11:33	08/11/25 20:29	1
Ethylbenzene	<0.000992	U	0.000992	0.000302	mg/Kg		08/11/25 11:33	08/11/25 20:29	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 20:29	1
o-Xylene	<0.000992	U	0.000992	0.000314	mg/Kg		08/11/25 11:33	08/11/25 20:29	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		56 - 150	08/11/25 11:33	08/11/25 20:29	1
4-Bromofluorobenzene (Surr)	104		68 - 152	08/11/25 11:33	08/11/25 20:29	1
Dibromofluoromethane (Surr)	102		53 - 142	08/11/25 11:33	08/11/25 20:29	1
Toluene-d8 (Surr)	100		70 - 130	08/11/25 11:33	08/11/25 20:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 20:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 23:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/11/25 14:47	08/16/25 23:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/11/25 14:47	08/16/25 23:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/11/25 14:47	08/16/25 23:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	08/11/25 14:47	08/16/25 23:41	1
o-Terphenyl	97		70 - 130	08/11/25 14:47	08/16/25 23:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.4		9.96	0.393	mg/Kg			08/13/25 18:01	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (50-55)

Lab Sample ID: 890-8600-11
Matrix: Solid
Date Collected: 08/07/25 14:50
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 20:54	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 20:54	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 20:54	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 20:54	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 20:54	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*	*08/11/25 11:33*	*08/11/25 20:54*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/11/25 11:33*	*08/11/25 20:54*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/11/25 11:33*	*08/11/25 20:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 20:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 20:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 23:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/11/25 14:47	08/16/25 23:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/11/25 14:47	08/16/25 23:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/11/25 14:47	08/16/25 23:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/11/25 14:47*	*08/16/25 23:57*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/11/25 14:47*	*08/16/25 23:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.31**	**J**	10.0	0.396	mg/Kg			08/13/25 18:07	1

Client Sample ID: TMW-43 (55-60)

Lab Sample ID: 890-8600-12
Matrix: Solid
Date Collected: 08/07/25 14:52
Date Received: 08/08/25 09:41

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/11/25 11:33	08/11/25 21:19	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/11/25 11:33	08/11/25 21:19	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/11/25 11:33	08/11/25 21:19	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 21:19	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/11/25 11:33	08/11/25 21:19	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/11/25 11:33	08/11/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/11/25 11:33*	*08/11/25 21:19*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (55-60)

Date Collected: 08/07/25 14:52
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-12

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/11/25 11:33*	*08/11/25 21:19*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/11/25 11:33*	*08/11/25 21:19*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/11/25 11:33*	*08/11/25 21:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/11/25 21:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 00:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/17/25 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/17/25 00:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/25 14:47	08/17/25 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/11/25 14:47*	*08/17/25 00:13*	*1*
o-Terphenyl	*94*		*70 - 130*	*08/11/25 14:47*	*08/17/25 00:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.2**		10.0	0.397	mg/Kg			08/13/25 18:13	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
890-8600-1	TMW-43 (0-5)	114	106	102	99
890-8600-2	TMW-43 (5-10)	112	106	103	98
890-8600-3	TMW-43 (10-15)	112	104	102	99
890-8600-4	TMW-43 (15-20)	111	105	100	99
890-8600-5	TMW-43 (20-25)	113	106	103	99
890-8600-6	TMW-43 (25-30)	113	105	103	98
890-8600-7	TMW-43 (30-35)	112	104	102	100
890-8600-8	TMW-43 (35-40)	111	105	103	99
890-8600-9	TMW-43 (40-45)	111	106	101	100
890-8600-10	TMW-43 (45-50)	113	104	102	100
890-8600-11	TMW-43 (50-55)	114	105	103	99
890-8600-12	TMW-43 (55-60)	111	106	103	99
LCS 860-254224/3	Lab Control Sample	103	104	96	102
LCSD 860-254224/4	Lab Control Sample Dup	105	105	98	102
MB 860-254224/8	Method Blank	110	104	101	99

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8600-1	TMW-43 (0-5)	93	93
890-8600-2	TMW-43 (5-10)	98	96
890-8600-3	TMW-43 (10-15)	102	99
890-8600-4	TMW-43 (15-20)	97	94
890-8600-5	TMW-43 (20-25)	92	88
890-8600-6	TMW-43 (25-30)	90	87
890-8600-7	TMW-43 (30-35)	94	91
890-8600-8	TMW-43 (35-40)	109	104
890-8600-8 MS	TMW-43 (35-40)	104	103
890-8600-8 MSD	TMW-43 (35-40)	87	88
890-8600-9	TMW-43 (40-45)	103	98
890-8600-10	TMW-43 (45-50)	104	97
890-8600-11	TMW-43 (50-55)	100	97
890-8600-12	TMW-43 (55-60)	97	94
LCS 880-116265/2-A	Lab Control Sample	104	117
LCS 880-116409/2-A	Lab Control Sample	112	116
LCSD 880-116265/3-A	Lab Control Sample Dup	117	108
LCSD 880-116409/3-A	Lab Control Sample Dup	114	114
MB 880-116265/1-A	Method Blank	71	70
MB 880-116409/1-A	Method Blank	98	89

Surrogate Legend

1CO = 1-Chlorooctane

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

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

Lab Sample ID: MB 860-254224/8
Matrix: Solid
Analysis Batch: 254224

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/11/25 16:18	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/11/25 16:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/11/25 16:18	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 16:18	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/11/25 16:18	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/11/25 16:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*		*08/11/25 16:18*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*		*08/11/25 16:18*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*		*08/11/25 16:18*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/11/25 16:18*	*1*

Lab Sample ID: LCS 860-254224/3
Matrix: Solid
Analysis Batch: 254224

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05390		mg/Kg		108	66 - 142		
Toluene			0.0500	0.05372		mg/Kg		107	74 - 130		
Ethylbenzene			0.0500	0.05515		mg/Kg		110	80 - 130		
m,p-Xylenes			0.0500	0.05415		mg/Kg		108	78 - 130		
o-Xylene			0.0500	0.05375		mg/Kg		108	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*
Dibromofluoromethane (Surr)	*96*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254224/4
Matrix: Solid
Analysis Batch: 254224

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04768		mg/Kg		95	66 - 142	12	25
Toluene			0.0500	0.04768		mg/Kg		95	74 - 130	12	25
Ethylbenzene			0.0500	0.04932		mg/Kg		99	80 - 130	11	25
m,p-Xylenes			0.0500	0.04762		mg/Kg		95	78 - 130	13	25
o-Xylene			0.0500	0.04806		mg/Kg		96	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116265/1-A
Matrix: Solid
Analysis Batch: 116855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116265

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 21:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/08/25 14:52	08/16/25 21:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*08/08/25 14:52*	*08/16/25 21:30*	*1*
o-Terphenyl	*70*		*70 - 130*	*08/08/25 14:52*	*08/16/25 21:30*	*1*

Lab Sample ID: LCS 880-116265/2-A
Matrix: Solid
Analysis Batch: 116855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116265

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	958.9		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1014		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: LCSD 880-116265/3-A
Matrix: Solid
Analysis Batch: 116855

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116265

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	934.4		mg/Kg		93	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	913.0		mg/Kg		91	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: MB 880-116409/1-A
Matrix: Solid
Analysis Batch: 116859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116409

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/11/25 14:43	08/16/25 21:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/11/25 14:43	08/16/25 21:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/11/25 14:43	08/16/25 21:14	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-116409/1-A
Matrix: Solid
Analysis Batch: 116859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116409

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	08/11/25 14:43	08/16/25 21:14	1
o-Terphenyl	89		70 - 130	08/11/25 14:43	08/16/25 21:14	1

Lab Sample ID: LCS 880-116409/2-A
Matrix: Solid
Analysis Batch: 116859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116409

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	993.7		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	964.3		mg/Kg		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: LCSD 880-116409/3-A
Matrix: Solid
Analysis Batch: 116859

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116409

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	989.3		mg/Kg		99	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	944.0		mg/Kg		94	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: 890-8600-8 MS
Matrix: Solid
Analysis Batch: 116859

Client Sample ID: TMW-43 (35-40)
Prep Type: Total/NA
Prep Batch: 116409

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	884.1		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	803.7		mg/Kg		79	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	103		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-8600-8 MSD
Matrix: Solid
Analysis Batch: 116859

Client Sample ID: TMW-43 (35-40)
Prep Type: Total/NA
Prep Batch: 116409

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	759.0		mg/Kg		76	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	695.6	F1	mg/Kg		68	70 - 130	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*88*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116490/1-A
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/13/25 15:34	1

Lab Sample ID: LCS 880-116490/2-A
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	227.3		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-116490/3-A
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	227.8		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 890-8600-5 MS
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: TMW-43 (20-25)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	17.8		252	245.7		mg/Kg		90	90 - 110		

Lab Sample ID: 890-8600-5 MSD
Matrix: Solid
Analysis Batch: 116529

Client Sample ID: TMW-43 (20-25)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.8		252	247.0		mg/Kg		91	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

GC/MS VOA

Analysis Batch: 254224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Total/NA	Solid	8260D	254288
890-8600-2	TMW-43 (5-10)	Total/NA	Solid	8260D	254288
890-8600-3	TMW-43 (10-15)	Total/NA	Solid	8260D	254288
890-8600-4	TMW-43 (15-20)	Total/NA	Solid	8260D	254288
890-8600-5	TMW-43 (20-25)	Total/NA	Solid	8260D	254288
890-8600-6	TMW-43 (25-30)	Total/NA	Solid	8260D	254288
890-8600-7	TMW-43 (30-35)	Total/NA	Solid	8260D	254288
890-8600-8	TMW-43 (35-40)	Total/NA	Solid	8260D	254288
890-8600-9	TMW-43 (40-45)	Total/NA	Solid	8260D	254288
890-8600-10	TMW-43 (45-50)	Total/NA	Solid	8260D	254288
890-8600-11	TMW-43 (50-55)	Total/NA	Solid	8260D	254288
890-8600-12	TMW-43 (55-60)	Total/NA	Solid	8260D	254288
MB 860-254224/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254224/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254224/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 254288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Total/NA	Solid	5035	
890-8600-2	TMW-43 (5-10)	Total/NA	Solid	5035	
890-8600-3	TMW-43 (10-15)	Total/NA	Solid	5035	
890-8600-4	TMW-43 (15-20)	Total/NA	Solid	5035	
890-8600-5	TMW-43 (20-25)	Total/NA	Solid	5035	
890-8600-6	TMW-43 (25-30)	Total/NA	Solid	5035	
890-8600-7	TMW-43 (30-35)	Total/NA	Solid	5035	
890-8600-8	TMW-43 (35-40)	Total/NA	Solid	5035	
890-8600-9	TMW-43 (40-45)	Total/NA	Solid	5035	
890-8600-10	TMW-43 (45-50)	Total/NA	Solid	5035	
890-8600-11	TMW-43 (50-55)	Total/NA	Solid	5035	
890-8600-12	TMW-43 (55-60)	Total/NA	Solid	5035	

Analysis Batch: 254662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Total/NA	Solid	Total BTEX	
890-8600-2	TMW-43 (5-10)	Total/NA	Solid	Total BTEX	
890-8600-3	TMW-43 (10-15)	Total/NA	Solid	Total BTEX	
890-8600-4	TMW-43 (15-20)	Total/NA	Solid	Total BTEX	
890-8600-5	TMW-43 (20-25)	Total/NA	Solid	Total BTEX	
890-8600-6	TMW-43 (25-30)	Total/NA	Solid	Total BTEX	
890-8600-7	TMW-43 (30-35)	Total/NA	Solid	Total BTEX	
890-8600-8	TMW-43 (35-40)	Total/NA	Solid	Total BTEX	
890-8600-9	TMW-43 (40-45)	Total/NA	Solid	Total BTEX	
890-8600-10	TMW-43 (45-50)	Total/NA	Solid	Total BTEX	
890-8600-11	TMW-43 (50-55)	Total/NA	Solid	Total BTEX	
890-8600-12	TMW-43 (55-60)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

GC Semi VOA (Continued)

Prep Batch: 116265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-2	TMW-43 (5-10)	Total/NA	Solid	8015NM Prep	
890-8600-3	TMW-43 (10-15)	Total/NA	Solid	8015NM Prep	
890-8600-4	TMW-43 (15-20)	Total/NA	Solid	8015NM Prep	
890-8600-5	TMW-43 (20-25)	Total/NA	Solid	8015NM Prep	
890-8600-6	TMW-43 (25-30)	Total/NA	Solid	8015NM Prep	
890-8600-7	TMW-43 (30-35)	Total/NA	Solid	8015NM Prep	
MB 880-116265/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116265/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116265/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 116409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-8	TMW-43 (35-40)	Total/NA	Solid	8015NM Prep	
890-8600-9	TMW-43 (40-45)	Total/NA	Solid	8015NM Prep	
890-8600-10	TMW-43 (45-50)	Total/NA	Solid	8015NM Prep	
890-8600-11	TMW-43 (50-55)	Total/NA	Solid	8015NM Prep	
890-8600-12	TMW-43 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116409/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116409/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116409/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8600-8 MS	TMW-43 (35-40)	Total/NA	Solid	8015NM Prep	
890-8600-8 MSD	TMW-43 (35-40)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Total/NA	Solid	8015B NM	116265
890-8600-2	TMW-43 (5-10)	Total/NA	Solid	8015B NM	116265
890-8600-3	TMW-43 (10-15)	Total/NA	Solid	8015B NM	116265
890-8600-4	TMW-43 (15-20)	Total/NA	Solid	8015B NM	116265
890-8600-5	TMW-43 (20-25)	Total/NA	Solid	8015B NM	116265
890-8600-6	TMW-43 (25-30)	Total/NA	Solid	8015B NM	116265
890-8600-7	TMW-43 (30-35)	Total/NA	Solid	8015B NM	116265
MB 880-116265/1-A	Method Blank	Total/NA	Solid	8015B NM	116265
LCS 880-116265/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116265
LCSD 880-116265/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116265

Analysis Batch: 116859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-8	TMW-43 (35-40)	Total/NA	Solid	8015B NM	116409
890-8600-9	TMW-43 (40-45)	Total/NA	Solid	8015B NM	116409
890-8600-10	TMW-43 (45-50)	Total/NA	Solid	8015B NM	116409
890-8600-11	TMW-43 (50-55)	Total/NA	Solid	8015B NM	116409
890-8600-12	TMW-43 (55-60)	Total/NA	Solid	8015B NM	116409
MB 880-116409/1-A	Method Blank	Total/NA	Solid	8015B NM	116409
LCS 880-116409/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116409
LCSD 880-116409/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116409
890-8600-8 MS	TMW-43 (35-40)	Total/NA	Solid	8015B NM	116409
890-8600-8 MSD	TMW-43 (35-40)	Total/NA	Solid	8015B NM	116409

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8600-1
Project/Site: EBDU 37

GC Semi VOA

Analysis Batch: 116915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Total/NA	Solid	8015 NM	
890-8600-2	TMW-43 (5-10)	Total/NA	Solid	8015 NM	
890-8600-3	TMW-43 (10-15)	Total/NA	Solid	8015 NM	
890-8600-4	TMW-43 (15-20)	Total/NA	Solid	8015 NM	
890-8600-5	TMW-43 (20-25)	Total/NA	Solid	8015 NM	
890-8600-6	TMW-43 (25-30)	Total/NA	Solid	8015 NM	
890-8600-7	TMW-43 (30-35)	Total/NA	Solid	8015 NM	
890-8600-8	TMW-43 (35-40)	Total/NA	Solid	8015 NM	
890-8600-9	TMW-43 (40-45)	Total/NA	Solid	8015 NM	
890-8600-10	TMW-43 (45-50)	Total/NA	Solid	8015 NM	
890-8600-11	TMW-43 (50-55)	Total/NA	Solid	8015 NM	
890-8600-12	TMW-43 (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Soluble	Solid	DI Leach	
890-8600-2	TMW-43 (5-10)	Soluble	Solid	DI Leach	
890-8600-3	TMW-43 (10-15)	Soluble	Solid	DI Leach	
890-8600-4	TMW-43 (15-20)	Soluble	Solid	DI Leach	
890-8600-5	TMW-43 (20-25)	Soluble	Solid	DI Leach	
890-8600-6	TMW-43 (25-30)	Soluble	Solid	DI Leach	
890-8600-7	TMW-43 (30-35)	Soluble	Solid	DI Leach	
890-8600-8	TMW-43 (35-40)	Soluble	Solid	DI Leach	
890-8600-9	TMW-43 (40-45)	Soluble	Solid	DI Leach	
890-8600-10	TMW-43 (45-50)	Soluble	Solid	DI Leach	
890-8600-11	TMW-43 (50-55)	Soluble	Solid	DI Leach	
890-8600-12	TMW-43 (55-60)	Soluble	Solid	DI Leach	
MB 880-116490/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116490/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116490/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8600-5 MS	TMW-43 (20-25)	Soluble	Solid	DI Leach	
890-8600-5 MSD	TMW-43 (20-25)	Soluble	Solid	DI Leach	

Analysis Batch: 116529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8600-1	TMW-43 (0-5)	Soluble	Solid	300.0	116490
890-8600-2	TMW-43 (5-10)	Soluble	Solid	300.0	116490
890-8600-3	TMW-43 (10-15)	Soluble	Solid	300.0	116490
890-8600-4	TMW-43 (15-20)	Soluble	Solid	300.0	116490
890-8600-5	TMW-43 (20-25)	Soluble	Solid	300.0	116490
890-8600-6	TMW-43 (25-30)	Soluble	Solid	300.0	116490
890-8600-7	TMW-43 (30-35)	Soluble	Solid	300.0	116490
890-8600-8	TMW-43 (35-40)	Soluble	Solid	300.0	116490
890-8600-9	TMW-43 (40-45)	Soluble	Solid	300.0	116490
890-8600-10	TMW-43 (45-50)	Soluble	Solid	300.0	116490
890-8600-11	TMW-43 (50-55)	Soluble	Solid	300.0	116490
890-8600-12	TMW-43 (55-60)	Soluble	Solid	300.0	116490
MB 880-116490/1-A	Method Blank	Soluble	Solid	300.0	116490
LCS 880-116490/2-A	Lab Control Sample	Soluble	Solid	300.0	116490

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

HPLC/IC (Continued)

Analysis Batch: 116529 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-116490/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116490
890-8600-5 MS	TMW-43 (20-25)	Soluble	Solid	300.0	116490
890-8600-5 MSD	TMW-43 (20-25)	Soluble	Solid	300.0	116490

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (0-5)
Date Collected: 08/07/25 14:30
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 16:43	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 16:43	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/17/25 02:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 02:53	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 16:48	CS	EET MID

Client Sample ID: TMW-43 (5-10)
Date Collected: 08/07/25 14:32
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 17:08	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 17:08	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/17/25 03:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 03:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 16:53	CS	EET MID

Client Sample ID: TMW-43 (10-15)
Date Collected: 08/07/25 14:34
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 17:33	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 17:33	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/17/25 03:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 03:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 16:59	CS	EET MID

Client Sample ID: TMW-43 (15-20)
Date Collected: 08/07/25 14:36
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 17:58	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 17:58	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (15-20)
Date Collected: 08/07/25 14:36
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116915	08/17/25 03:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 03:41	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 17:05	CS	EET MID

Client Sample ID: TMW-43 (20-25)
Date Collected: 08/07/25 14:38
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 18:23	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 18:23	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/17/25 03:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 03:57	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 17:10	CS	EET MID

Client Sample ID: TMW-43 (25-30)
Date Collected: 08/07/25 14:40
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 18:48	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 18:48	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/17/25 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 04:13	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 17:27	CS	EET MID

Client Sample ID: TMW-43 (30-35)
Date Collected: 08/07/25 14:42
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 19:14	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 19:14	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/17/25 04:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116265	08/08/25 14:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116855	08/17/25 04:28	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (30-35)
Date Collected: 08/07/25 14:42
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 17:33	CS	EET MID

Client Sample ID: TMW-43 (35-40)
Date Collected: 08/07/25 14:44
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 19:39	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 19:39	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/16/25 22:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116409	08/11/25 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/16/25 22:37	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 17:50	CS	EET MID

Client Sample ID: TMW-43 (40-45)
Date Collected: 08/07/25 14:46
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 20:04	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 20:04	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/16/25 23:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116409	08/11/25 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/16/25 23:25	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 17:56	CS	EET MID

Client Sample ID: TMW-43 (45-50)
Date Collected: 08/07/25 14:48
Date Received: 08/08/25 09:41

Lab Sample ID: 890-8600-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 20:29	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 20:29	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/16/25 23:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116409	08/11/25 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/16/25 23:41	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 18:01	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Client Sample ID: TMW-43 (50-55)

Lab Sample ID: 890-8600-11
Matrix: Solid
Date Collected: 08/07/25 14:50
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 20:54	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 20:54	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/16/25 23:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116409	08/11/25 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/16/25 23:57	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 18:07	CS	EET MID

Client Sample ID: TMW-43 (55-60)

Lab Sample ID: 890-8600-12
Matrix: Solid
Date Collected: 08/07/25 14:52
Date Received: 08/08/25 09:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254288	08/11/25 11:33	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254224	08/11/25 21:19	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			254662	08/11/25 21:19	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116915	08/17/25 00:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116409	08/11/25 14:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116859	08/17/25 00:13	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116490	08/12/25 11:06	SA	EET MID
Soluble	Analysis	300.0		1			116529	08/13/25 18:13	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8600-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8600-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8600-1	TMW-43 (0-5)	Solid	08/07/25 14:30	08/08/25 09:41	Texas
890-8600-2	TMW-43 (5-10)	Solid	08/07/25 14:32	08/08/25 09:41	Texas
890-8600-3	TMW-43 (10-15)	Solid	08/07/25 14:34	08/08/25 09:41	Texas
890-8600-4	TMW-43 (15-20)	Solid	08/07/25 14:36	08/08/25 09:41	Texas
890-8600-5	TMW-43 (20-25)	Solid	08/07/25 14:38	08/08/25 09:41	Texas
890-8600-6	TMW-43 (25-30)	Solid	08/07/25 14:40	08/08/25 09:41	Texas
890-8600-7	TMW-43 (30-35)	Solid	08/07/25 14:42	08/08/25 09:41	Texas
890-8600-8	TMW-43 (35-40)	Solid	08/07/25 14:44	08/08/25 09:41	Texas
890-8600-9	TMW-43 (40-45)	Solid	08/07/25 14:46	08/08/25 09:41	Texas
890-8600-10	TMW-43 (45-50)	Solid	08/07/25 14:48	08/08/25 09:41	Texas
890-8600-11	TMW-43 (50-55)	Solid	08/07/25 14:50	08/08/25 09:41	Texas
890-8600-12	TMW-43 (55-60)	Solid	08/07/25 14:52	08/08/25 09:41	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

890-8600 Chain of Custody

Client Information	Sampler:	Lab PM: Builes, John	Car
Client Contact: John Grams	Phone	E-Mail: John.Builes@et.eurofinsus.com	Sta
Company: Terracon Consulting Eng & Scientists	PWSID:		
Address: 5847 50th St	Due Date Requested:		
City: Lubbock	TAT Requested (days):		
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Purchase Order not required		
Email: john.grams@terracon.com	WO #:		
Project Name: EBDU 37	Project #: 88002619		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D_8011/504 NM	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
		Preservation Code:			N		
TMW-43 (0-5)	08/07/25	1430	C	Soil	X		
TMW-43 (5-10)		1432	C	Soil	X		
TMW-43 (10-15)		1434	C	Soil	X		
TMW-43 (15-20)		1436	C	Soil	X		
TMW-43 (20-25)		1438	C	Soil	X		
TMW-43 (25-30)		1440	C	Soil	X		
TMW-43 (30-35)		1442	C	Soil	X		
TMW-43 (35-40)		1444	C	Soil	X		
TMW-43 (40-45)		1446	C	Soil	X		
TMW-43 (45-50)		1448	C	Soil	X		
TMW-43 (50-55)		1450	C	Soil	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/08/25 0419			8/8/25 715	
2		8/8/25 927			8.8 92	
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR Mac 10.2 4.8 4.6

Ver: 05/06/2024

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8/19/2025

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:

Address: 5847 50th St	Due Date Requested:		
City: Lubbock	TAT Requested (days):		
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Purchase Order not required		
Email: john.grams@terracon.com	WO #:		
Project Name: EBDU 37	Project #: 88002619		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	8015GRO/EM_22B; 8015MOD_NM_22B	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
						N		
TMW-43 (55-60)	08/07/25	1452	C	Soil		X		
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/08/25 0449			08/8/25 715	
2		8/8/25 927			8/8 927	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Tamco 7 -0.2 4.8 4.6

Ver: 05/06/2024

8/19/2025
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Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5643.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8600-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/14/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX	8260D/5035FP_CalcBTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW-43 (0-5) (890-8600-1)	8/7/25	14:30 Central	G	Solid			X	X	2	
TMW-43 (5-10) (890-8600-2)	8/7/25	14:32 Central	G	Solid			X	X	2	
TMW-43 (10-15) (890-8600-3)	8/7/25	14.34 Central	G	Solid			X	X	2	
TMW-43 (15-20) (890-8600-4)	8/7/25	14:36 Central	G	Solid			X	X	2	
TMW-43 (20-25) (890-8600-5)	8/7/25	14:38 Central	G	Solid			X	X	2	
TMW-43 (25-30) (890-8600-6)	8/7/25	14:40 Central	G	Solid			X	X	2	
TMW-43 (30-35) (890-8600-7)	8/7/25	14:42 Central	G	Solid			X	X	2	
TMW-43 (35-40) (890-8600-8)	8/7/25	14:44 Central	G	Solid			X	X	2	
TMW-43 (40-45) (890-8600-9)	8/7/25	14:46 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 410368 2.4

Ver: 10/10/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5645.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8600-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 8/14/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW-43 (0-5) (890-8600-1)	8/7/25	14:30 Central	G	Solid			X	X	X	2	
TMW-43 (5-10) (890-8600-2)	8/7/25	14:32 Central	G	Solid			X	X	X	2	
TMW-43 (10-15) (890-8600-3)	8/7/25	14:34 Central	G	Solid			X	X	X	2	
TMW-43 (15-20) (890-8600-4)	8/7/25	14:36 Central	G	Solid			X	X	X	2	
TMW-43 (20-25) (890-8600-5)	8/7/25	14:38 Central	G	Solid			X	X	X	2	
TMW-43 (25-30) (890-8600-6)	8/7/25	14:40 Central	G	Solid			X	X	X	2	
TMW-43 (30-35) (890-8600-7)	8/7/25	14:42 Central	G	Solid			X	X	X	2	
TMW-43 (35-40) (890-8600-8)	8/7/25	14:44 Central	G	Solid			X	X	X	2	
TMW-43 (40-45) (890-8600-9)	8/7/25	14:46 Central	G	Solid			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time: 8/8 1630	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/11/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4 3.3 -1 TR8

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8600-1

Login Number: 8600 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Lopez, Abraham

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8600-1

Login Number: 8600
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/09/25 01:34 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8600-1

Login Number: 8600
List Number: 3
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/11/25 09:32 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 10:19:05 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8613-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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8/19/2025 10:19:05 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8613-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8613-1
Project: EBDU 37

Job ID: 890-8613-1 Eurofins Carlsbad

Job Narrative
890-8613-1

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

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

Receipt
The samples were received on 8/11/2025 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW - 27 (0-5) (890-8613-1), TMW - 27 (5-10) (890-8613-2), TMW - 27 (10-15) (890-8613-3), TMW - 27 (15-20) (890-8613-4), TMW - 27 (20-25) (890-8613-5), TMW - 27 (25-30) (890-8613-6), TMW - 27 (30-35) (890-8613-7), TMW - 27 (35-40) (890-8613-8), TMW - 27 (40-45) (890-8613-9), TMW - 27 (45-50) (890-8613-10), TMW - 27 (50-55) (890-8613-11) and TMW - 27 (55-60) (890-8613-12).

GC/MS VOA
Method 8260D: Samples are in a bulk jar

TMW - 27 (5-10) (890-8613-2), TMW - 27 (10-15) (890-8613-3), TMW - 27 (15-20) (890-8613-4), TMW - 27 (20-25) (890-8613-5), TMW - 27 (25-30) (890-8613-6), TMW - 27 (30-35) (890-8613-7), TMW - 27 (35-40) (890-8613-8), TMW - 27 (40-45) (890-8613-9), TMW - 27 (45-50) (890-8613-10) and TMW - 27 (50-55) (890-8613-11)

Method 8260D: Sample is in a bulk jar.

TMW - 27 (50-55) (890-8613-11) and TMW - 27 (55-60) (890-8613-12)

Method 8260D: Sample is in a bulk jar.

TMW - 27 (0-5) (890-8613-1)

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TMW - 27 (0-5) (890-8613-1), TMW - 27 (15-20) (890-8613-4), TMW - 27 (20-25) (890-8613-5) and TMW - 27 (35-40) (890-8613-8). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TMW - 27 (10-15) (890-8613-3) and (890-8599-A-12-B). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116430 and analytical batch 880-116743 was outside the upper control limits.

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

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8613-1
Project: EBDU 37

Job ID: 890-8613-1 (Continued) Eurofins Carlsbad

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (0-5)

Lab Sample ID: 890-8613-1
Matrix: Solid
Date Collected: 08/08/25 16:30
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*08/12/25 16:02*	*08/12/25 16:41*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/12/25 16:02*	*08/12/25 16:41*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 16:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 16:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 16:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 00:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:10*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.8**		10.1	0.397	mg/Kg			08/14/25 04:33	1

Client Sample ID: TMW - 27 (5-10)

Lab Sample ID: 890-8613-2
Matrix: Solid
Date Collected: 08/08/25 16:32
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/12/25 16:02*	*08/12/25 17:07*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8613-1
Project/Site: EBDU 37

Client Sample ID: TMW - 27 (5-10)
Lab Sample ID: 890-8613-2
Date Collected: 08/08/25 16:32
Matrix: Solid
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/12/25 16:02*	*08/12/25 17:07*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/12/25 16:02*	*08/12/25 17:07*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/12/25 16:02*	*08/12/25 17:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 17:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 00:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/12/25 08:06*	*08/16/25 00:24*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/12/25 08:06*	*08/16/25 00:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.2**		9.98	0.394	mg/Kg			08/14/25 04:40	1

Client Sample ID: TMW - 27 (10-15)
Lab Sample ID: 890-8613-3
Date Collected: 08/08/25 16:34
Matrix: Solid
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/12/25 17:32*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/12/25 17:32*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/12/25 16:02*	*08/12/25 17:32*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/12/25 16:02*	*08/12/25 17:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 17:32	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (10-15)

Lab Sample ID: 890-8613-3
Matrix: Solid
Date Collected: 08/08/25 16:34
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 00:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*08/12/25 08:06*	*08/16/25 00:40*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		10.1	0.399	mg/Kg			08/14/25 04:48	1

Client Sample ID: TMW - 27 (15-20)

Lab Sample ID: 890-8613-4
Matrix: Solid
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
Toluene	<0.00498	U	0.00498		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		08/12/25 16:02	08/12/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*08/12/25 16:02*	*08/12/25 17:57*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/12/25 17:57*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 17:57*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 17:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			08/12/25 17:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 00:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (15-20)

Lab Sample ID: 890-8613-4
Matrix: Solid
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:54*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.64**	**J**	10.1	0.397	mg/Kg			08/14/25 04:55	1

Client Sample ID: TMW - 27 (20-25)

Lab Sample ID: 890-8613-5
Matrix: Solid
Date Collected: 08/08/25 16:38
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/12/25 16:02*	*08/12/25 18:22*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/12/25 16:02*	*08/12/25 18:22*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 18:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 18:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 18:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 01:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:09*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.2**		9.92	0.392	mg/Kg			08/14/25 05:03	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (25-30)

Lab Sample ID: 890-8613-6
Matrix: Solid
Date Collected: 08/08/25 16:40
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
Toluene	<0.00496	U	0.00496		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		08/12/25 16:02	08/12/25 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/12/25 16:02*	*08/12/25 18:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/12/25 16:02*	*08/12/25 18:47*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/12/25 16:02*	*08/12/25 18:47*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 18:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			08/12/25 18:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 01:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 01:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 01:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:24*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.3**		9.92		mg/Kg			08/14/25 21:16	1

Client Sample ID: TMW - 27 (30-35)

Lab Sample ID: 890-8613-7
Matrix: Solid
Date Collected: 08/08/25 16:42
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
Toluene	<0.00505	U	0.00505		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/12/25 16:02*	*08/12/25 19:12*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (30-35)

Lab Sample ID: 890-8613-7
Matrix: Solid
Date Collected: 08/08/25 16:42
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/12/25 16:02*	*08/12/25 19:12*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*08/12/25 16:02*	*08/12/25 19:12*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 19:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	mg/Kg			08/12/25 19:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			08/16/25 01:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/12/25 08:06	08/16/25 01:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/12/25 08:06	08/16/25 01:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/12/25 08:06	08/16/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:38*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			08/14/25 21:39	1

Client Sample ID: TMW - 27 (35-40)

Lab Sample ID: 890-8613-8
Matrix: Solid
Date Collected: 08/08/25 16:44
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
Toluene	<0.00502	U	0.00502	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
Ethylbenzene	<0.00100	U	0.00100	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
m,p-Xylenes	<0.00201	U	0.00201	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
o-Xylene	<0.00100	U	0.00100	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		08/12/25 16:02	08/12/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/12/25 16:02*	*08/12/25 19:37*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/12/25 16:02*	*08/12/25 19:37*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 19:37*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 19:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	mg/Kg			08/12/25 19:37	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (35-40)

Lab Sample ID: 890-8613-8
Matrix: Solid
Date Collected: 08/08/25 16:44
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 01:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:53*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/14/25 21:46	1

Client Sample ID: TMW - 27 (40-45)

Lab Sample ID: 890-8613-9
Matrix: Solid
Date Collected: 08/08/25 16:46
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/12/25 16:02*	*08/12/25 20:02*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/12/25 20:02*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 20:02*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 20:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 20:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 02:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 02:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 02:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 02:07	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (40-45)

Lab Sample ID: 890-8613-9
Matrix: Solid
Date Collected: 08/08/25 16:46
Date Received: 08/11/25 10:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	08/12/25 08:06	08/16/25 02:07	1
o-Terphenyl	80		70 - 130	08/12/25 08:06	08/16/25 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.5		10.1		mg/Kg			08/14/25 22:09	1

Client Sample ID: TMW - 27 (45-50)

Lab Sample ID: 890-8613-10
Matrix: Solid
Date Collected: 08/08/25 16:48
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
Toluene	<0.00505	U	0.00505		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		56 - 150	08/12/25 16:02	08/12/25 20:27	1
4-Bromofluorobenzene (Surr)	105		68 - 152	08/12/25 16:02	08/12/25 20:27	1
Dibromofluoromethane (Surr)	100		53 - 142	08/12/25 16:02	08/12/25 20:27	1
Toluene-d8 (Surr)	100		70 - 130	08/12/25 16:02	08/12/25 20:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			08/12/25 20:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 02:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	08/12/25 08:06	08/16/25 02:36	1
o-Terphenyl	78		70 - 130	08/12/25 08:06	08/16/25 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.9		9.96		mg/Kg			08/14/25 22:16	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (50-55)

Lab Sample ID: 890-8613-11
Matrix: Solid
Date Collected: 08/08/25 16:50
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/12/25 16:02	08/12/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/12/25 16:02*	*08/13/25 15:39*	*1*
4-Bromofluorobenzene (Surr)	*108*		*68 - 152*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/12/25 16:02*	*08/13/25 15:39*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/12/25 16:02*	*08/13/25 15:39*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/12/25 16:02*	*08/13/25 15:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/12/25 23:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 02:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 02:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 02:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/12/25 08:06*	*08/16/25 02:52*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/12/25 08:06*	*08/16/25 02:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.0**		9.98		mg/Kg			08/14/25 22:24	1

Client Sample ID: TMW - 27 (55-60)

Lab Sample ID: 890-8613-12
Matrix: Solid
Date Collected: 08/08/25 16:52
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00142**		0.00100	0.000383	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/12/25 23:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (55-60)

Date Collected: 08/08/25 16:52
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/12/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/12/25 16:02*	*08/12/25 23:39*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/12/25 16:02*	*08/12/25 23:39*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/12/25 16:02*	*08/12/25 23:39*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 23:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00142**	**J**	0.00200	0.000434	mg/Kg			08/12/25 23:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 03:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 03:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/12/25 08:06*	*08/16/25 03:07*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/12/25 08:06*	*08/16/25 03:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.5**		9.94		mg/Kg			08/14/25 22:32	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-8613-1	TMW - 27 (0-5)	110	104	97	100
890-8613-2	TMW - 27 (5-10)	100	97	88	97
890-8613-3	TMW - 27 (10-15)	99	105	92	93
890-8613-4	TMW - 27 (15-20)	110	105	97	99
890-8613-5	TMW - 27 (20-25)	112	106	97	100
890-8613-6	TMW - 27 (25-30)	113	100	98	99
890-8613-7	TMW - 27 (30-35)	113	107	96	100
890-8613-8	TMW - 27 (35-40)	113	109	97	99
890-8613-9	TMW - 27 (40-45)	111	105	97	100
890-8613-10	TMW - 27 (45-50)	110	105	100	100
890-8613-11	TMW - 27 (50-55)	96	108	99	100
890-8613-11	TMW - 27 (50-55)	108	95	88	96
890-8613-12	TMW - 27 (55-60)	98	109	103	99
LCS 860-254508/3	Lab Control Sample	107	104	98	102
LCS 860-254713/3	Lab Control Sample	100	96	95	98
LCS 860-254798/3	Lab Control Sample	106	96	97	102
LCSD 860-254508/4	Lab Control Sample Dup	105	113	98	103
LCSD 860-254713/4	Lab Control Sample Dup	98	97	98	99
LCSD 860-254798/4	Lab Control Sample Dup	106	112	97	101
MB 860-254508/8	Method Blank	114	106	99	100
MB 860-254713/8	Method Blank	99	104	103	97
MB 860-254798/8	Method Blank	97	91	93	96

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8613-1	TMW - 27 (0-5)	132 S1+	140 S1+
890-8613-2	TMW - 27 (5-10)	74	77
890-8613-3	TMW - 27 (10-15)	127	135 S1+
890-8613-4	TMW - 27 (15-20)	134 S1+	144 S1+
890-8613-5	TMW - 27 (20-25)	131 S1+	141 S1+
890-8613-6	TMW - 27 (25-30)	75	78
890-8613-7	TMW - 27 (30-35)	71	74
890-8613-8	TMW - 27 (35-40)	136 S1+	142 S1+
890-8613-9	TMW - 27 (40-45)	76	80
890-8613-10	TMW - 27 (45-50)	76	78
890-8613-11	TMW - 27 (50-55)	77	76
890-8613-12	TMW - 27 (55-60)	75	78
LCS 880-116430/2-A	Lab Control Sample	79	76
LCSD 880-116430/3-A	Lab Control Sample Dup	92	87
MB 880-116430/1-A	Method Blank	122	131 S1+

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

Lab Sample ID: MB 860-254508/8
Matrix: Solid
Analysis Batch: 254508

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			08/12/25 11:28	1
Toluene	<0.00500	U	0.00500		mg/Kg			08/12/25 11:28	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			08/12/25 11:28	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			08/12/25 11:28	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			08/12/25 11:28	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			08/12/25 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*		*08/12/25 11:28*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*		*08/12/25 11:28*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/12/25 11:28*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/12/25 11:28*	*1*

Lab Sample ID: LCS 860-254508/3
Matrix: Solid
Analysis Batch: 254508

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04717		mg/Kg		94	66 - 142		
Toluene			0.0500	0.04622		mg/Kg		92	74 - 130		
Ethylbenzene			0.0500	0.04694		mg/Kg		94	80 - 130		
m,p-Xylenes			0.0500	0.04508		mg/Kg		90	78 - 130		
o-Xylene			0.0500	0.04580		mg/Kg		92	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254508/4
Matrix: Solid
Analysis Batch: 254508

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04611		mg/Kg		92	66 - 142	2	25
Toluene			0.0500	0.04553		mg/Kg		91	74 - 130	1	25
Ethylbenzene			0.0500	0.04689		mg/Kg		94	80 - 130	0	25
m,p-Xylenes			0.0500	0.04586		mg/Kg		92	78 - 130	2	25
o-Xylene			0.0500	0.04625		mg/Kg		92	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*113*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

Lab Sample ID: MB 860-254713/8
Matrix: Solid
Analysis Batch: 254713

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/12/25 22:57	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/12/25 22:57	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/12/25 22:57	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/12/25 22:57	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*		*08/12/25 22:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*		*08/12/25 22:57*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*		*08/12/25 22:57*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/12/25 22:57*	*1*

Lab Sample ID: LCS 860-254713/3
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04604		mg/Kg		92	66 - 142		
Toluene			0.0500	0.04518		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04729		mg/Kg		95	80 - 130		
m,p-Xylenes			0.0500	0.04635		mg/Kg		93	78 - 130		
o-Xylene			0.0500	0.04744		mg/Kg		95	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 860-254713/4
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04686		mg/Kg		94	66 - 142	2	25
Toluene			0.0500	0.04414		mg/Kg		88	74 - 130	2	25
Ethylbenzene			0.0500	0.04612		mg/Kg		92	80 - 130	3	25
m,p-Xylenes			0.0500	0.04526		mg/Kg		91	78 - 130	2	25
o-Xylene			0.0500	0.04642		mg/Kg		93	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

Lab Sample ID: MB 860-254798/8
Matrix: Solid
Analysis Batch: 254798

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/13/25 10:56	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/13/25 10:56	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/13/25 10:56	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/13/25 10:56	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*		*08/13/25 10:56*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*		*08/13/25 10:56*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*		*08/13/25 10:56*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/13/25 10:56*	*1*

Lab Sample ID: LCS 860-254798/3
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04683		mg/Kg		94	66 - 142		
Toluene			0.0500	0.04499		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04662		mg/Kg		93	80 - 130		
m,p-Xylenes			0.0500	0.04555		mg/Kg		91	78 - 130		
o-Xylene			0.0500	0.04111		mg/Kg		82	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254798/4
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04696		mg/Kg		94	66 - 142	0	25
Toluene			0.0500	0.04603		mg/Kg		92	74 - 130	2	25
Ethylbenzene			0.0500	0.04740		mg/Kg		95	80 - 130	2	25
m,p-Xylenes			0.0500	0.04625		mg/Kg		92	78 - 130	2	25
o-Xylene			0.0500	0.04121		mg/Kg		82	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*112*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116430/1-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116430

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*08/12/25 07:59*	*08/15/25 22:41*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*08/12/25 07:59*	*08/15/25 22:41*	*1*

Lab Sample ID: LCS 880-116430/2-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	994.3		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*79*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: LCSD 880-116430/3-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1172		mg/Kg		117	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1172		mg/Kg		117	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116485/1-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/14/25 03:01	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116485/2-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	240.9		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-116485/3-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.2		mg/Kg		100	90 - 110	4	20

Lab Sample ID: MB 880-116502/1-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/14/25 19:07	1

Lab Sample ID: LCS 880-116502/2-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.4		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-116502/3-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.3		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 890-8613-6 MS
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: TMW - 27 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	17.3		248	271.3		mg/Kg		102	90 - 110		

Lab Sample ID: 890-8613-6 MSD
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: TMW - 27 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.3		248	274.8		mg/Kg		104	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

GC/MS VOA

Analysis Batch: 254508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8260D	254685
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8260D	254685
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8260D	254685
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8260D	254685
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8260D	254685
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8260D	254685
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8260D	254685
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8260D	254685
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8260D	254685
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8260D	254685
MB 860-254508/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254508/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254508/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 254685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	5035	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	5035	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	5035	
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	5035	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	5035	
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	5035	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	5035	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	5035	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	5035	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	5035	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	5035	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	5035	

Analysis Batch: 254713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8260D	254685
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8260D	254685
MB 860-254713/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254713/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254713/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8260D	254685
MB 860-254798/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254798/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254798/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	Total BTEX	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	Total BTEX	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	Total BTEX	
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	Total BTEX	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

GC/MS VOA (Continued)

Analysis Batch: 254965 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	Total BTEX	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	Total BTEX	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	Total BTEX	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	Total BTEX	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	Total BTEX	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	Total BTEX	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8015NM Prep	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8015NM Prep	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8015NM Prep	
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8015NM Prep	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8015NM Prep	
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8015NM Prep	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8015NM Prep	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8015NM Prep	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8015NM Prep	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8015NM Prep	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8015NM Prep	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8015B NM	116430
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8015B NM	116430
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8015B NM	116430
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8015B NM	116430
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8015B NM	116430
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8015B NM	116430
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8015B NM	116430
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8015B NM	116430
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8015B NM	116430
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8015B NM	116430
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8015B NM	116430
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8015B NM	116430
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015B NM	116430
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116430
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116430

Analysis Batch: 116885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8015 NM	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8015 NM	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

GC Semi VOA (Continued)

Analysis Batch: 116885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8015 NM	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8015 NM	
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8015 NM	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8015 NM	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8015 NM	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8015 NM	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8015 NM	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8015 NM	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Soluble	Solid	DI Leach	
890-8613-2	TMW - 27 (5-10)	Soluble	Solid	DI Leach	
890-8613-3	TMW - 27 (10-15)	Soluble	Solid	DI Leach	
890-8613-4	TMW - 27 (15-20)	Soluble	Solid	DI Leach	
890-8613-5	TMW - 27 (20-25)	Soluble	Solid	DI Leach	
MB 880-116485/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116485/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116485/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 116502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-6	TMW - 27 (25-30)	Soluble	Solid	DI Leach	
890-8613-7	TMW - 27 (30-35)	Soluble	Solid	DI Leach	
890-8613-8	TMW - 27 (35-40)	Soluble	Solid	DI Leach	
890-8613-9	TMW - 27 (40-45)	Soluble	Solid	DI Leach	
890-8613-10	TMW - 27 (45-50)	Soluble	Solid	DI Leach	
890-8613-11	TMW - 27 (50-55)	Soluble	Solid	DI Leach	
890-8613-12	TMW - 27 (55-60)	Soluble	Solid	DI Leach	
MB 880-116502/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8613-6 MS	TMW - 27 (25-30)	Soluble	Solid	DI Leach	
890-8613-6 MSD	TMW - 27 (25-30)	Soluble	Solid	DI Leach	

Analysis Batch: 116537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Soluble	Solid	300.0	116485
890-8613-2	TMW - 27 (5-10)	Soluble	Solid	300.0	116485
890-8613-3	TMW - 27 (10-15)	Soluble	Solid	300.0	116485
890-8613-4	TMW - 27 (15-20)	Soluble	Solid	300.0	116485
890-8613-5	TMW - 27 (20-25)	Soluble	Solid	300.0	116485
MB 880-116485/1-A	Method Blank	Soluble	Solid	300.0	116485
LCS 880-116485/2-A	Lab Control Sample	Soluble	Solid	300.0	116485
LCSD 880-116485/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116485

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

HPLC/IC

Analysis Batch: 116610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-6	TMW - 27 (25-30)	Soluble	Solid	300.0	116502
890-8613-7	TMW - 27 (30-35)	Soluble	Solid	300.0	116502
890-8613-8	TMW - 27 (35-40)	Soluble	Solid	300.0	116502
890-8613-9	TMW - 27 (40-45)	Soluble	Solid	300.0	116502
890-8613-10	TMW - 27 (45-50)	Soluble	Solid	300.0	116502
890-8613-11	TMW - 27 (50-55)	Soluble	Solid	300.0	116502
890-8613-12	TMW - 27 (55-60)	Soluble	Solid	300.0	116502
MB 880-116502/1-A	Method Blank	Soluble	Solid	300.0	116502
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	300.0	116502
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116502
890-8613-6 MS	TMW - 27 (25-30)	Soluble	Solid	300.0	116502
890-8613-6 MSD	TMW - 27 (25-30)	Soluble	Solid	300.0	116502

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (0-5)
Date Collected: 08/08/25 16:30
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 16:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 16:41	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:10	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:33	CS	EET MID

Client Sample ID: TMW - 27 (5-10)
Date Collected: 08/08/25 16:32
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 17:07	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 17:07	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:24	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:40	CS	EET MID

Client Sample ID: TMW - 27 (10-15)
Date Collected: 08/08/25 16:34
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 17:32	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 17:32	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:40	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:48	CS	EET MID

Client Sample ID: TMW - 27 (15-20)
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 17:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 17:57	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (15-20)
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:54	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:55	CS	EET MID

Client Sample ID: TMW - 27 (20-25)
Date Collected: 08/08/25 16:38
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 18:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 18:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 05:03	CS	EET MID

Client Sample ID: TMW - 27 (25-30)
Date Collected: 08/08/25 16:40
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 18:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 18:47	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 21:16	CS	EET MID

Client Sample ID: TMW - 27 (30-35)
Date Collected: 08/08/25 16:42
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 19:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 19:12	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:38	TKC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (30-35)
Date Collected: 08/08/25 16:42
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.0 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 21:39	CS	EET MID

Client Sample ID: TMW - 27 (35-40)
Date Collected: 08/08/25 16:44
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 19:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 19:37	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:53	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 21:46	CS	EET MID

Client Sample ID: TMW - 27 (40-45)
Date Collected: 08/08/25 16:46
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 20:02	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 20:02	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 02:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 02:07	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:09	CS	EET MID

Client Sample ID: TMW - 27 (45-50)
Date Collected: 08/08/25 16:48
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 20:27	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 20:27	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 02:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 02:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:16	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (50-55)

Lab Sample ID: 890-8613-11
Matrix: Solid
Date Collected: 08/08/25 16:50
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 15:39	MTMG	EET HOU
Total/NA	Prep	5035			4.98 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/12/25 23:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 23:18	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 02:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 02:52	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:24	CS	EET MID

Client Sample ID: TMW - 27 (55-60)

Lab Sample ID: 890-8613-12
Matrix: Solid
Date Collected: 08/08/25 16:52
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/12/25 23:39	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 23:39	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 03:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 03:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:32	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8613-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8613-1	TMW - 27 (0-5)	Solid	08/08/25 16:30	08/11/25 10:20	Texas
890-8613-2	TMW - 27 (5-10)	Solid	08/08/25 16:32	08/11/25 10:20	Texas
890-8613-3	TMW - 27 (10-15)	Solid	08/08/25 16:34	08/11/25 10:20	Texas
890-8613-4	TMW - 27 (15-20)	Solid	08/08/25 16:36	08/11/25 10:20	Texas
890-8613-5	TMW - 27 (20-25)	Solid	08/08/25 16:38	08/11/25 10:20	Texas
890-8613-6	TMW - 27 (25-30)	Solid	08/08/25 16:40	08/11/25 10:20	Texas
890-8613-7	TMW - 27 (30-35)	Solid	08/08/25 16:42	08/11/25 10:20	Texas
890-8613-8	TMW - 27 (35-40)	Solid	08/08/25 16:44	08/11/25 10:20	Texas
890-8613-9	TMW - 27 (40-45)	Solid	08/08/25 16:46	08/11/25 10:20	Texas
890-8613-10	TMW - 27 (45-50)	Solid	08/08/25 16:48	08/11/25 10:20	Texas
890-8613-11	TMW - 27 (50-55)	Solid	08/08/25 16:50	08/11/25 10:20	Texas
890-8613-12	TMW - 27 (55-60)	Solid	08/08/25 16:52	08/11/25 10:20	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

8/19/2025

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:

Address: 5847 50th St	Due Date Requested:	Analysis Requested
City: Lubbock	TAT Requested (days):	
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No	
Phone:	PO #: Purchase Order not required	
Email: john.grams@terracon.com	WO #:	
Project Name: EBDU 37	Project #: 88002619	
Site:	SSOW#:	

890-8613 Chain of Custody

Preservation Codes:
NO3
ne
SO4
L
OH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	8260D_ORGFM_40D, 8011_40D, 300_ORGFM_28D	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
TMW-27 (0-5)	8/8/25	16:30	C	Soil	X	1	
TMW-27 (5-10)	8/8/25	16:32	C	Soil	X	1	
TMW-27 (10-15)	8/8/25	16:34	C	Soil	X	1	
TMW-27 (15-20)	8/8/25	16:36	C	Soil	X	1	
TMW-27 (20-25)	8/8/25	16:38	C	Soil	X	1	
TMW-27 (25-30)	8/8/25	16:40	C	Soil	X	1	
TMW-27 (30-35)	8/8/25	16:42	C	Soil	X	1	
TMW-27 (35-40)	8/8/25	16:44	C	Soil	X	1	time 1644
TMW-27 (40-45)	8/8/25	16:46	C	Soil	X	1	
TMW-27 (45-50)	8/8/25	16:48	C	Soil	X	1	
TMW-27 (50-55)	8/8/25	16:50	C	Soil	X	1	

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/09/25 0433			8/9/25 1030	
2		8/11/25 1010			8/11 1020	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TMW027 -0.2 5.4 5.2

Ver: 05/06 2024

Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

8/19/2025

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample	Perform MS/MSD	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:			N		
TMW-22 (55-60)	8/8/25	16:52	C	Soil		X	1	
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/09/25 0433			8/9/25 1800	
2		8/11/25 1010				
3					8/11 1020	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TMW22 -0.2 5.4 5.2

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8613-1

Login Number: 8613 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8613-1

Login Number: 8613
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/12/25 12:44 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8613-1

Login Number: 8613
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/12/25 09:46 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 10:26:46 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8614-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
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Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 890-8614-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8614-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8614-1
Project: EBDU 37

Job ID: 890-8614-1 Eurofins Carlsbad

Job Narrative
890-8614-1

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

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

Receipt
The samples were received on 8/11/2025 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW 40 - (0-5) (890-8614-1), TMW 40 - (5-10) (890-8614-2), TMW 40 - (10-15) (890-8614-3), TMW 40 - (15-20) (890-8614-4), TMW 40 - (20-25) (890-8614-5), TMW 40 - (25-30) (890-8614-6), TMW 40 - (30-35) (890-8614-7), TMW 40 - (35-40) (890-8614-8), TMW 40 - (40-45) (890-8614-9), TMW 40 - (45-50) (890-8614-10), TMW 40 - (50-55) (890-8614-11) and TMW 40 - (55-60) (890-8614-12).

GC/MS VOA
Method 8260D: The following samples were diluted due to it being rocks: TMW 40 - (5-10) (890-8614-2) and TMW 40 - (10-15) (890-8614-3). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: Sample is in a bulk jar.

TMW 40 - (0-5) (890-8614-1), TMW 40 - (15-20) (890-8614-4), TMW 40 - (20-25) (890-8614-5), TMW 40 - (25-30) (890-8614-6), TMW 40 - (30-35) (890-8614-7), TMW 40 - (35-40) (890-8614-8), TMW 40 - (40-45) (890-8614-9), TMW 40 - (45-50) (890-8614-10), TMW 40 - (50-55) (890-8614-11) and TMW 40 - (55-60) (890-8614-12)

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TMW 40 - (0-5) (890-8614-1), TMW 40 - (10-15) (890-8614-3) and TMW 40 - (20-25) (890-8614-5). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116430 and analytical batch 880-116743 was outside the upper control limits.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-116849 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-116849/70).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-116431/2-A) and (LCSD 880-116431/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116431 and analytical batch 880-116849 was outside the upper control limits.

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

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8614-1
Project: EBDU 37

Job ID: 890-8614-1 (Continued) Eurofins Carlsbad

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (0-5)

Lab Sample ID: 890-8614-1
Matrix: Solid
Date Collected: 08/08/25 15:00
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996	0.000381	mg/Kg		08/12/25 16:02	08/13/25 00:00	1
Toluene	<0.00498	U	0.00498	0.00121	mg/Kg		08/12/25 16:02	08/13/25 00:00	1
Ethylbenzene	<0.000996	U	0.000996	0.000303	mg/Kg		08/12/25 16:02	08/13/25 00:00	1
m,p-Xylenes	<0.00199	U	0.00199	0.000431	mg/Kg		08/12/25 16:02	08/13/25 00:00	1
o-Xylene	<0.000996	U	0.000996	0.000315	mg/Kg		08/12/25 16:02	08/13/25 00:00	1
Xylenes, Total	<0.00199	U	0.00199	0.000431	mg/Kg		08/12/25 16:02	08/13/25 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*08/12/25 16:02*	*08/13/25 00:00*	*1*
4-Bromofluorobenzene (Surr)	*102*		*68 - 152*	*08/12/25 16:02*	*08/13/25 00:00*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/13/25 00:00*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/12/25 16:02*	*08/13/25 00:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000431	mg/Kg			08/13/25 00:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 03:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 03:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 03:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 03:22*	*1*
o-Terphenyl	*143*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 03:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**719**		10.0		mg/Kg			08/14/25 22:39	1

Client Sample ID: TMW 40 - (5-10)

Lab Sample ID: 890-8614-2
Matrix: Solid
Date Collected: 08/08/25 15:02
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0499	U	0.0499	0.0191	mg/Kg		08/12/25 16:02	08/13/25 00:21	50
Toluene	<0.250	U	0.250	0.0604	mg/Kg		08/12/25 16:02	08/13/25 00:21	50
Ethylbenzene	<0.0499	U	0.0499	0.0152	mg/Kg		08/12/25 16:02	08/13/25 00:21	50
m,p-Xylenes	<0.0998	U	0.0998	0.0216	mg/Kg		08/12/25 16:02	08/13/25 00:21	50
o-Xylene	<0.0499	U	0.0499	0.0158	mg/Kg		08/12/25 16:02	08/13/25 00:21	50
Xylenes, Total	<0.0998	U	0.0998	0.0216	mg/Kg		08/12/25 16:02	08/13/25 00:21	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/13/25 00:21*	*50*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8614-1
Project/Site: EBDU 37

Client Sample ID: TMW 40 - (5-10)
Lab Sample ID: 890-8614-2
Date Collected: 08/08/25 15:02
Matrix: Solid
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*08/12/25 16:02*	*08/13/25 00:21*	*50*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/13/25 00:21*	*50*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/13/25 00:21*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0998	U	0.0998	0.0216	mg/Kg			08/13/25 00:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 03:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 03:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 03:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/12/25 08:06*	*08/16/25 03:37*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/12/25 08:06*	*08/16/25 03:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1250**		10.1		mg/Kg			08/14/25 22:47	1

Client Sample ID: TMW 40 - (10-15)
Lab Sample ID: 890-8614-3
Date Collected: 08/08/25 15:04
Matrix: Solid
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0499	U	0.0499	0.0191	mg/Kg		08/12/25 16:02	08/13/25 00:42	50
Toluene	<0.250	U	0.250	0.0604	mg/Kg		08/12/25 16:02	08/13/25 00:42	50
Ethylbenzene	<0.0499	U	0.0499	0.0152	mg/Kg		08/12/25 16:02	08/13/25 00:42	50
m,p-Xylenes	<0.0998	U	0.0998	0.0216	mg/Kg		08/12/25 16:02	08/13/25 00:42	50
o-Xylene	<0.0499	U	0.0499	0.0158	mg/Kg		08/12/25 16:02	08/13/25 00:42	50
Xylenes, Total	<0.0998	U	0.0998	0.0216	mg/Kg		08/12/25 16:02	08/13/25 00:42	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/12/25 16:02*	*08/13/25 00:42*	*50*
4-Bromofluorobenzene (Surr)	*112*		*68 - 152*	*08/12/25 16:02*	*08/13/25 00:42*	*50*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/12/25 16:02*	*08/13/25 00:42*	*50*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/13/25 00:42*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0998	U	0.0998	0.0216	mg/Kg			08/13/25 00:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (10-15)

Lab Sample ID: 890-8614-3
Matrix: Solid
Date Collected: 08/08/25 15:04
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 03:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 03:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 03:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 03:52*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 03:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		10.1		mg/Kg			08/14/25 22:54	1

Client Sample ID: TMW 40 - (15-20)

Lab Sample ID: 890-8614-4
Matrix: Solid
Date Collected: 08/08/25 15:06
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 01:03	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 01:03	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 01:03	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 01:03	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 01:03	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/13/25 01:03*	*1*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/12/25 16:02*	*08/13/25 01:03*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*	*08/12/25 16:02*	*08/13/25 01:03*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/12/25 16:02*	*08/13/25 01:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 01:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 04:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 04:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 04:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 04:07	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (15-20)

Lab Sample ID: 890-8614-4
Matrix: Solid
Date Collected: 08/08/25 15:06
Date Received: 08/11/25 10:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/12/25 08:06*	*08/16/25 04:07*	*1*
o-Terphenyl	*81*		*70 - 130*	*08/12/25 08:06*	*08/16/25 04:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**805**		10.0	0.397	mg/Kg			08/14/25 04:08	1

Client Sample ID: TMW 40 - (20-25)

Lab Sample ID: 890-8614-5
Matrix: Solid
Date Collected: 08/08/25 15:08
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 01:24	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 01:24	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 01:24	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 01:24	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 01:24	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/12/25 16:02*	*08/13/25 01:24*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/13/25 01:24*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*08/12/25 16:02*	*08/13/25 01:24*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/13/25 01:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 01:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 04:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 04:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 04:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 04:22*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 04:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.2**		10.0	0.397	mg/Kg			08/13/25 20:11	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (25-30)

Lab Sample ID: 890-8614-6
Matrix: Solid
Date Collected: 08/08/25 15:10
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 01:45	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 01:45	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 01:45	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 01:45	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 01:45	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/12/25 16:02*	*08/13/25 01:45*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/13/25 01:45*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/12/25 16:02*	*08/13/25 01:45*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/12/25 16:02*	*08/13/25 01:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 01:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 04:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 04:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 04:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*08/12/25 08:06*	*08/16/25 04:37*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/12/25 08:06*	*08/16/25 04:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.3**		9.96	0.393	mg/Kg			08/13/25 20:19	1

Client Sample ID: TMW 40 - (30-35)

Lab Sample ID: 890-8614-7
Matrix: Solid
Date Collected: 08/08/25 15:12
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 02:06	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 02:06	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 02:06	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 02:06	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 02:06	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/12/25 16:02*	*08/13/25 02:06*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (30-35)

Lab Sample ID: 890-8614-7
Matrix: Solid
Date Collected: 08/08/25 15:12
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/13/25 02:06*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/12/25 16:02*	*08/13/25 02:06*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/13/25 02:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 02:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 04:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 04:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 04:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*08/12/25 08:06*	*08/16/25 04:51*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/12/25 08:06*	*08/16/25 04:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.7**		10.1	0.399	mg/Kg			08/13/25 20:42	1

Client Sample ID: TMW 40 - (35-40)

Lab Sample ID: 890-8614-8
Matrix: Solid
Date Collected: 08/08/25 15:14
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 02:27	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 02:27	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 02:27	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 02:27	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 02:27	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/13/25 02:27*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/13/25 02:27*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*08/12/25 16:02*	*08/13/25 02:27*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/12/25 16:02*	*08/13/25 02:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 02:27	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (35-40)

Lab Sample ID: 890-8614-8
Matrix: Solid
Date Collected: 08/08/25 15:14
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 15:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 15:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 15:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/12/25 08:11*	*08/16/25 15:14*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/12/25 08:11*	*08/16/25 15:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.6**		10.1	0.397	mg/Kg			08/13/25 20:49	1

Client Sample ID: TMW 40 - (40-45)

Lab Sample ID: 890-8614-9
Matrix: Solid
Date Collected: 08/08/25 15:16
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 02:48	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 02:48	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 02:48	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 02:48	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 02:48	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/12/25 16:02*	*08/13/25 02:48*	*1*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/12/25 16:02*	*08/13/25 02:48*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*08/12/25 16:02*	*08/13/25 02:48*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/13/25 02:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 02:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 16:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 16:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 16:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 16:15	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (40-45)

Lab Sample ID: 890-8614-9
Matrix: Solid
Date Collected: 08/08/25 15:16
Date Received: 08/11/25 10:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/12/25 08:11*	*08/16/25 16:15*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/12/25 08:11*	*08/16/25 16:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.1**		9.98	0.394	mg/Kg			08/13/25 21:12	1

Client Sample ID: TMW 40 - (45-50)

Lab Sample ID: 890-8614-10
Matrix: Solid
Date Collected: 08/08/25 15:18
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 03:09	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 03:09	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 03:09	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 03:09	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 03:09	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*08/12/25 16:02*	*08/13/25 03:09*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/12/25 16:02*	*08/13/25 03:09*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*08/12/25 16:02*	*08/13/25 03:09*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/12/25 16:02*	*08/13/25 03:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 03:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 16:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 16:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 16:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 08:11*	*08/16/25 16:36*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/12/25 08:11*	*08/16/25 16:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.2**		10.0	0.396	mg/Kg			08/13/25 21:20	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (50-55)

Lab Sample ID: 890-8614-11
Matrix: Solid
Date Collected: 08/08/25 15:20
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 03:30	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 03:30	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 03:30	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 03:30	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 03:30	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*08/12/25 16:02*	*08/13/25 03:30*	*1*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/12/25 16:02*	*08/13/25 03:30*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/12/25 16:02*	*08/13/25 03:30*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/12/25 16:02*	*08/13/25 03:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 03:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 16:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 16:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 16:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 08:11*	*08/16/25 16:56*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/12/25 08:11*	*08/16/25 16:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.9**		9.96	0.393	mg/Kg			08/13/25 21:27	1

Client Sample ID: TMW 40 - (55-60)

Lab Sample ID: 890-8614-12
Matrix: Solid
Date Collected: 08/08/25 15:20
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 03:51	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 03:51	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 03:51	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 03:51	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 03:51	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 03:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/13/25 03:51*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (55-60)

Date Collected: 08/08/25 15:20
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-12

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/12/25 16:02*	*08/13/25 03:51*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/12/25 16:02*	*08/13/25 03:51*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/12/25 16:02*	*08/13/25 03:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 03:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 17:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 17:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 17:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/12/25 08:11*	*08/16/25 17:17*	*1*
o-Terphenyl	*90*		*70 - 130*	*08/12/25 08:11*	*08/16/25 17:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.8**		10.1	0.399	mg/Kg			08/13/25 21:35	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-8614-1	TMW 40 - (0-5)	97	102	97	101
890-8614-2	TMW 40 - (5-10)	99	101	97	100
890-8614-3	TMW 40 - (10-15)	98	112	102	99
890-8614-4	TMW 40 - (15-20)	99	107	104	101
890-8614-5	TMW 40 - (20-25)	96	105	106	100
890-8614-6	TMW 40 - (25-30)	96	105	102	98
890-8614-7	TMW 40 - (30-35)	101	105	102	99
890-8614-8	TMW 40 - (35-40)	99	105	106	98
890-8614-9	TMW 40 - (40-45)	100	107	105	99
890-8614-10	TMW 40 - (45-50)	104	109	107	98
890-8614-11	TMW 40 - (50-55)	104	107	102	101
890-8614-12	TMW 40 - (55-60)	99	104	100	102
LCS 860-254713/3	Lab Control Sample	100	96	95	98
LCSD 860-254713/4	Lab Control Sample Dup	98	97	98	99
MB 860-254713/8	Method Blank	99	104	103	97

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8614-1	TMW 40 - (0-5)	132 S1+	143 S1+
890-8614-2	TMW 40 - (5-10)	74	77
890-8614-3	TMW 40 - (10-15)	131 S1+	141 S1+
890-8614-4	TMW 40 - (15-20)	76	81
890-8614-5	TMW 40 - (20-25)	131 S1+	142 S1+
890-8614-6	TMW 40 - (25-30)	73	77
890-8614-7	TMW 40 - (30-35)	73	78
890-8614-8	TMW 40 - (35-40)	96	96
890-8614-8 MS	TMW 40 - (35-40)	100	93
890-8614-8 MSD	TMW 40 - (35-40)	103	93
890-8614-9	TMW 40 - (40-45)	96	96
890-8614-10	TMW 40 - (45-50)	102	101
890-8614-11	TMW 40 - (50-55)	98	96
890-8614-12	TMW 40 - (55-60)	89	90
LCS 880-116430/2-A	Lab Control Sample	79	76
LCS 880-116431/2-A	Lab Control Sample	142 S1+	136 S1+
LCSD 880-116430/3-A	Lab Control Sample Dup	92	87
LCSD 880-116431/3-A	Lab Control Sample Dup	142 S1+	136 S1+
MB 880-116430/1-A	Method Blank	122	131 S1+
MB 880-116431/1-A	Method Blank	141 S1+	140 S1+

Surrogate Legend

1CO = 1-Chlorooctane

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

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

Lab Sample ID: MB 860-254713/8
Matrix: Solid
Analysis Batch: 254713

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/12/25 22:57	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/12/25 22:57	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/12/25 22:57	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/12/25 22:57	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*		*08/12/25 22:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*		*08/12/25 22:57*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*		*08/12/25 22:57*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/12/25 22:57*	*1*

Lab Sample ID: LCS 860-254713/3
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04604		mg/Kg		92	66 - 142		
Toluene			0.0500	0.04518		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04729		mg/Kg		95	80 - 130		
m,p-Xylenes			0.0500	0.04635		mg/Kg		93	78 - 130		
o-Xylene			0.0500	0.04744		mg/Kg		95	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 860-254713/4
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04686		mg/Kg		94	66 - 142	2	25
Toluene			0.0500	0.04414		mg/Kg		88	74 - 130	2	25
Ethylbenzene			0.0500	0.04612		mg/Kg		92	80 - 130	3	25
m,p-Xylenes			0.0500	0.04526		mg/Kg		91	78 - 130	2	25
o-Xylene			0.0500	0.04642		mg/Kg		93	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116430/1-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116430

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*08/12/25 07:59*	*08/15/25 22:41*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*08/12/25 07:59*	*08/15/25 22:41*	*1*

Lab Sample ID: LCS 880-116430/2-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	994.3		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*79*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: LCSD 880-116430/3-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1172		mg/Kg		117	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1172		mg/Kg		117	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Lab Sample ID: MB 880-116431/1-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116431

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-116431/1-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116431

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130	08/12/25 08:00	08/16/25 12:52	1
o-Terphenyl	140	S1+	70 - 130	08/12/25 08:00	08/16/25 12:52	1

Lab Sample ID: LCS 880-116431/2-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116431

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	849.0		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1098		mg/Kg		110	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	142	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: LCSD 880-116431/3-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116431

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	827.5		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1089		mg/Kg		109	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	142	S1+	70 - 130
o-Terphenyl	136	S1+	70 - 130

Lab Sample ID: 890-8614-8 MS
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: TMW 40 - (35-40)
Prep Type: Total/NA
Prep Batch: 116431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	726.2		mg/Kg		73	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	782.6		mg/Kg		78	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	93		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-8614-8 MSD
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: TMW 40 - (35-40)
Prep Type: Total/NA
Prep Batch: 116431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	800.7		mg/Kg		80	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	807.0		mg/Kg		81	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116488/1-A
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/13/25 18:10	1

Lab Sample ID: LCS 880-116488/2-A
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-116488/3-A
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.3		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 890-8614-6 MS
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: TMW 40 - (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	67.3		249	319.4		mg/Kg		101	90 - 110		

Lab Sample ID: 890-8614-6 MSD
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: TMW 40 - (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	67.3		249	313.7		mg/Kg		99	90 - 110	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-116502/1-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/14/25 19:07	1

Lab Sample ID: LCS 880-116502/2-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.4		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-116502/3-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.3		mg/Kg		100	90 - 110	2	20

Lab Sample ID: MB 880-116577/1-A
Matrix: Solid
Analysis Batch: 116643

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/14/25 01:23	1

Lab Sample ID: LCS 880-116577/2-A
Matrix: Solid
Analysis Batch: 116643

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	226.9		mg/Kg		91	90 - 110		

Lab Sample ID: LCSD 880-116577/3-A
Matrix: Solid
Analysis Batch: 116643

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	227.2		mg/Kg		91	90 - 110	0	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

GC/MS VOA

Prep Batch: 254685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Total/NA	Solid	5035	
890-8614-2	TMW 40 - (5-10)	Total/NA	Solid	5035	
890-8614-3	TMW 40 - (10-15)	Total/NA	Solid	5035	
890-8614-4	TMW 40 - (15-20)	Total/NA	Solid	5035	
890-8614-5	TMW 40 - (20-25)	Total/NA	Solid	5035	
890-8614-6	TMW 40 - (25-30)	Total/NA	Solid	5035	
890-8614-7	TMW 40 - (30-35)	Total/NA	Solid	5035	
890-8614-8	TMW 40 - (35-40)	Total/NA	Solid	5035	
890-8614-9	TMW 40 - (40-45)	Total/NA	Solid	5035	
890-8614-10	TMW 40 - (45-50)	Total/NA	Solid	5035	
890-8614-11	TMW 40 - (50-55)	Total/NA	Solid	5035	
890-8614-12	TMW 40 - (55-60)	Total/NA	Solid	5035	

Analysis Batch: 254713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Total/NA	Solid	8260D	254685
890-8614-2	TMW 40 - (5-10)	Total/NA	Solid	8260D	254685
890-8614-3	TMW 40 - (10-15)	Total/NA	Solid	8260D	254685
890-8614-4	TMW 40 - (15-20)	Total/NA	Solid	8260D	254685
890-8614-5	TMW 40 - (20-25)	Total/NA	Solid	8260D	254685
890-8614-6	TMW 40 - (25-30)	Total/NA	Solid	8260D	254685
890-8614-7	TMW 40 - (30-35)	Total/NA	Solid	8260D	254685
890-8614-8	TMW 40 - (35-40)	Total/NA	Solid	8260D	254685
890-8614-9	TMW 40 - (40-45)	Total/NA	Solid	8260D	254685
890-8614-10	TMW 40 - (45-50)	Total/NA	Solid	8260D	254685
890-8614-11	TMW 40 - (50-55)	Total/NA	Solid	8260D	254685
890-8614-12	TMW 40 - (55-60)	Total/NA	Solid	8260D	254685
MB 860-254713/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254713/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254713/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Total/NA	Solid	Total BTEX	
890-8614-2	TMW 40 - (5-10)	Total/NA	Solid	Total BTEX	
890-8614-3	TMW 40 - (10-15)	Total/NA	Solid	Total BTEX	
890-8614-4	TMW 40 - (15-20)	Total/NA	Solid	Total BTEX	
890-8614-5	TMW 40 - (20-25)	Total/NA	Solid	Total BTEX	
890-8614-6	TMW 40 - (25-30)	Total/NA	Solid	Total BTEX	
890-8614-7	TMW 40 - (30-35)	Total/NA	Solid	Total BTEX	
890-8614-8	TMW 40 - (35-40)	Total/NA	Solid	Total BTEX	
890-8614-9	TMW 40 - (40-45)	Total/NA	Solid	Total BTEX	
890-8614-10	TMW 40 - (45-50)	Total/NA	Solid	Total BTEX	
890-8614-11	TMW 40 - (50-55)	Total/NA	Solid	Total BTEX	
890-8614-12	TMW 40 - (55-60)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

GC Semi VOA (Continued)

Prep Batch: 116430 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-2	TMW 40 - (5-10)	Total/NA	Solid	8015NM Prep	
890-8614-3	TMW 40 - (10-15)	Total/NA	Solid	8015NM Prep	
890-8614-4	TMW 40 - (15-20)	Total/NA	Solid	8015NM Prep	
890-8614-5	TMW 40 - (20-25)	Total/NA	Solid	8015NM Prep	
890-8614-6	TMW 40 - (25-30)	Total/NA	Solid	8015NM Prep	
890-8614-7	TMW 40 - (30-35)	Total/NA	Solid	8015NM Prep	
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 116431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-8	TMW 40 - (35-40)	Total/NA	Solid	8015NM Prep	
890-8614-9	TMW 40 - (40-45)	Total/NA	Solid	8015NM Prep	
890-8614-10	TMW 40 - (45-50)	Total/NA	Solid	8015NM Prep	
890-8614-11	TMW 40 - (50-55)	Total/NA	Solid	8015NM Prep	
890-8614-12	TMW 40 - (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116431/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116431/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116431/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8614-8 MS	TMW 40 - (35-40)	Total/NA	Solid	8015NM Prep	
890-8614-8 MSD	TMW 40 - (35-40)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Total/NA	Solid	8015B NM	116430
890-8614-2	TMW 40 - (5-10)	Total/NA	Solid	8015B NM	116430
890-8614-3	TMW 40 - (10-15)	Total/NA	Solid	8015B NM	116430
890-8614-4	TMW 40 - (15-20)	Total/NA	Solid	8015B NM	116430
890-8614-5	TMW 40 - (20-25)	Total/NA	Solid	8015B NM	116430
890-8614-6	TMW 40 - (25-30)	Total/NA	Solid	8015B NM	116430
890-8614-7	TMW 40 - (30-35)	Total/NA	Solid	8015B NM	116430
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015B NM	116430
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116430
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116430

Analysis Batch: 116849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-8	TMW 40 - (35-40)	Total/NA	Solid	8015B NM	116431
890-8614-9	TMW 40 - (40-45)	Total/NA	Solid	8015B NM	116431
890-8614-10	TMW 40 - (45-50)	Total/NA	Solid	8015B NM	116431
890-8614-11	TMW 40 - (50-55)	Total/NA	Solid	8015B NM	116431
890-8614-12	TMW 40 - (55-60)	Total/NA	Solid	8015B NM	116431
MB 880-116431/1-A	Method Blank	Total/NA	Solid	8015B NM	116431
LCS 880-116431/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116431
LCSD 880-116431/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116431
890-8614-8 MS	TMW 40 - (35-40)	Total/NA	Solid	8015B NM	116431
890-8614-8 MSD	TMW 40 - (35-40)	Total/NA	Solid	8015B NM	116431

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

GC Semi VOA

Analysis Batch: 116886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Total/NA	Solid	8015 NM	
890-8614-2	TMW 40 - (5-10)	Total/NA	Solid	8015 NM	
890-8614-3	TMW 40 - (10-15)	Total/NA	Solid	8015 NM	
890-8614-4	TMW 40 - (15-20)	Total/NA	Solid	8015 NM	
890-8614-5	TMW 40 - (20-25)	Total/NA	Solid	8015 NM	
890-8614-6	TMW 40 - (25-30)	Total/NA	Solid	8015 NM	
890-8614-7	TMW 40 - (30-35)	Total/NA	Solid	8015 NM	
890-8614-8	TMW 40 - (35-40)	Total/NA	Solid	8015 NM	
890-8614-9	TMW 40 - (40-45)	Total/NA	Solid	8015 NM	
890-8614-10	TMW 40 - (45-50)	Total/NA	Solid	8015 NM	
890-8614-11	TMW 40 - (50-55)	Total/NA	Solid	8015 NM	
890-8614-12	TMW 40 - (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-5	TMW 40 - (20-25)	Soluble	Solid	DI Leach	
890-8614-6	TMW 40 - (25-30)	Soluble	Solid	DI Leach	
890-8614-7	TMW 40 - (30-35)	Soluble	Solid	DI Leach	
890-8614-8	TMW 40 - (35-40)	Soluble	Solid	DI Leach	
890-8614-9	TMW 40 - (40-45)	Soluble	Solid	DI Leach	
890-8614-10	TMW 40 - (45-50)	Soluble	Solid	DI Leach	
890-8614-11	TMW 40 - (50-55)	Soluble	Solid	DI Leach	
890-8614-12	TMW 40 - (55-60)	Soluble	Solid	DI Leach	
MB 880-116488/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116488/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116488/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8614-6 MS	TMW 40 - (25-30)	Soluble	Solid	DI Leach	
890-8614-6 MSD	TMW 40 - (25-30)	Soluble	Solid	DI Leach	

Leach Batch: 116502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Soluble	Solid	DI Leach	
890-8614-2	TMW 40 - (5-10)	Soluble	Solid	DI Leach	
890-8614-3	TMW 40 - (10-15)	Soluble	Solid	DI Leach	
MB 880-116502/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 116533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-5	TMW 40 - (20-25)	Soluble	Solid	300.0	116488
890-8614-6	TMW 40 - (25-30)	Soluble	Solid	300.0	116488
890-8614-7	TMW 40 - (30-35)	Soluble	Solid	300.0	116488
890-8614-8	TMW 40 - (35-40)	Soluble	Solid	300.0	116488
890-8614-9	TMW 40 - (40-45)	Soluble	Solid	300.0	116488
890-8614-10	TMW 40 - (45-50)	Soluble	Solid	300.0	116488
890-8614-11	TMW 40 - (50-55)	Soluble	Solid	300.0	116488
890-8614-12	TMW 40 - (55-60)	Soluble	Solid	300.0	116488
MB 880-116488/1-A	Method Blank	Soluble	Solid	300.0	116488

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

HPLC/IC (Continued)

Analysis Batch: 116533 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-116488/2-A	Lab Control Sample	Soluble	Solid	300.0	116488
LCSD 880-116488/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116488
890-8614-6 MS	TMW 40 - (25-30)	Soluble	Solid	300.0	116488
890-8614-6 MSD	TMW 40 - (25-30)	Soluble	Solid	300.0	116488

Leach Batch: 116577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-4	TMW 40 - (15-20)	Soluble	Solid	DI Leach	
MB 880-116577/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116577/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116577/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 116610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-1	TMW 40 - (0-5)	Soluble	Solid	300.0	116502
890-8614-2	TMW 40 - (5-10)	Soluble	Solid	300.0	116502
890-8614-3	TMW 40 - (10-15)	Soluble	Solid	300.0	116502
MB 880-116502/1-A	Method Blank	Soluble	Solid	300.0	116502
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	300.0	116502
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116502

Analysis Batch: 116643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8614-4	TMW 40 - (15-20)	Soluble	Solid	300.0	116577
MB 880-116577/1-A	Method Blank	Soluble	Solid	300.0	116577
LCS 880-116577/2-A	Lab Control Sample	Soluble	Solid	300.0	116577
LCSD 880-116577/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116577

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (0-5)
Date Collected: 08/08/25 15:00
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 00:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 00:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 03:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 03:22	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:39	CS	EET MID

Client Sample ID: TMW 40 - (5-10)
Date Collected: 08/08/25 15:02
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254713	08/13/25 00:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 00:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 03:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 03:37	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:47	CS	EET MID

Client Sample ID: TMW 40 - (10-15)
Date Collected: 08/08/25 15:04
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254713	08/13/25 00:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 00:42	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 03:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 03:52	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:54	CS	EET MID

Client Sample ID: TMW 40 - (15-20)
Date Collected: 08/08/25 15:06
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 01:03	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 01:03	RJT	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (15-20)
Date Collected: 08/08/25 15:06
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116886	08/16/25 04:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 04:07	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116577	08/13/25 08:35	SA	EET MID
Soluble	Analysis	300.0		1			116643	08/14/25 04:08	CS	EET MID

Client Sample ID: TMW 40 - (20-25)
Date Collected: 08/08/25 15:08
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 01:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 01:24	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 04:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 04:22	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 20:11	CS	EET MID

Client Sample ID: TMW 40 - (25-30)
Date Collected: 08/08/25 15:10
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 01:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 01:45	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 04:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 04:37	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 20:19	CS	EET MID

Client Sample ID: TMW 40 - (30-35)
Date Collected: 08/08/25 15:12
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 02:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 02:06	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 04:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 04:51	TKC	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (30-35)
Date Collected: 08/08/25 15:12
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 20:42	CS	EET MID

Client Sample ID: TMW 40 - (35-40)
Date Collected: 08/08/25 15:14
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 02:27	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 02:27	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 15:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 15:14	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 20:49	CS	EET MID

Client Sample ID: TMW 40 - (40-45)
Date Collected: 08/08/25 15:16
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 02:48	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 02:48	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 16:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 16:15	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 21:12	CS	EET MID

Client Sample ID: TMW 40 - (45-50)
Date Collected: 08/08/25 15:18
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8614-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 03:09	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 03:09	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 16:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 16:36	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 21:20	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Client Sample ID: TMW 40 - (50-55)

Lab Sample ID: 890-8614-11
Matrix: Solid
Date Collected: 08/08/25 15:20
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 03:30	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 03:30	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 16:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 16:56	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 21:27	CS	EET MID

Client Sample ID: TMW 40 - (55-60)

Lab Sample ID: 890-8614-12
Matrix: Solid
Date Collected: 08/08/25 15:20
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 03:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254973	08/13/25 03:51	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116886	08/16/25 17:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 17:17	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 21:35	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8614-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8614-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8614-1	TMW 40 - (0-5)	Solid	08/08/25 15:00	08/11/25 10:20	Texas
890-8614-2	TMW 40 - (5-10)	Solid	08/08/25 15:02	08/11/25 10:20	Texas
890-8614-3	TMW 40 - (10-15)	Solid	08/08/25 15:04	08/11/25 10:20	Texas
890-8614-4	TMW 40 - (15-20)	Solid	08/08/25 15:06	08/11/25 10:20	Texas
890-8614-5	TMW 40 - (20-25)	Solid	08/08/25 15:08	08/11/25 10:20	Texas
890-8614-6	TMW 40 - (25-30)	Solid	08/08/25 15:10	08/11/25 10:20	Texas
890-8614-7	TMW 40 - (30-35)	Solid	08/08/25 15:12	08/11/25 10:20	Texas
890-8614-8	TMW 40 - (35-40)	Solid	08/08/25 15:14	08/11/25 10:20	Texas
890-8614-9	TMW 40 - (40-45)	Solid	08/08/25 15:16	08/11/25 10:20	Texas
890-8614-10	TMW 40 - (45-50)	Solid	08/08/25 15:18	08/11/25 10:20	Texas
890-8614-11	TMW 40 - (50-55)	Solid	08/08/25 15:20	08/11/25 10:20	Texas
890-8614-12	TMW 40 - (55-60)	Solid	08/08/25 15:20	08/11/25 10:20	Texas

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

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Received by OCD: 11/20/2025 2:07:34 PM
8/19/2025
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Released to Imaging: 3/12/2026 2:34:23 PM

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3, N - None, S - H2SO4, A - HCL, B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			Other:
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

890-8614 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	300_ORGFM_28D_8015MOD_NM_S2600	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
						N		
TMW-40 (0-5)	8/8/25	15:00	C	Soil		X	1	
TMW-40 (5-10)	8/8/25	15:02	C	Soil		X	1	
TMW-40 (10-15)	8/8/25	15:04	C	Soil		X	1	
TMW-40 (15-20)	8/8/25	15:06	C	Soil		X	1	
TMW-40 (20-25)	8/8/25	15:08	C	Soil		X	1	
TMW-40 (25-30)	8/8/25	15:10	C	Soil		X	1	
TMW-40 (30-35)	8/8/25	15:12	C	Soil		X	1	
TMW-40 (35-40)	8/8/25	15:14	C	Soil		X	1	
TMW-40 (40-45)	8/8/25	15:16	C	Soil		X	1	
TMW-40 (45-50)	8/8/25	15:18	C	Soil		X	1	
TMW-40 (50-55)	8/8/25	15:20	C	Soil		X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	08/09/25 0434		Received by:	8/9/25 1030	
Relinquished by:	8/11/25 1010		Received by:	8/11 1020	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR002 -0.2 5.4 5.2

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

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8/19/2025

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	8015MOD_NM 2259.80 (MOD) TPH GRO FM	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
TMW-40 (55-60)	8/8/25	15:22	C	Soil	X	1	
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	08/09/25 0434		[signature]	8/9/25 1030	
2	[signature]	8/11/25 1010		[signature]	8/11 1022	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: Cooler -0.2 5.4 5.2

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8614-1

Login Number: 8614 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8614-1

Login Number: 8614
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/12/25 12:44 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8614-1

Login Number: 8614
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/12/25 09:46 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/25/2025 5:06:28 PM Revision 2

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8574-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/25/2025 5:06:28 PM
Revision 2

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 890-8574-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8574-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8574-1
Project: EBDU 37

Job ID: 890-8574-1 **Eurofins Carlsbad**

Job Narrative
890-8574-1

REVISION

The report being provided is a revision of the original report sent on 8/14/2025. The report (revision 2) is being revised due to Client requested some valid value changes and to exclude the MS/MSD samples.

Report revision history
Revision 1 - 8/19/2025 - Reason - Revised report due to instrument contamination below regulatory levels..

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

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

Receipt
The samples were received on 8/6/2025 10:58 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

GC/MS VOA
Method 8260D: Sample is in a bulk jar.

TMW-41 (5-10) (890-8574-3)

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-116005/2-A) and (LCSD 880-116005/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116005 and analytical batch 880-116445 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-116005 and analytical batch 880-116445 contained Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: DUP-1-S

Lab Sample ID: 890-8574-1
Matrix: Solid
Date Collected: 08/05/25 11:10
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000385	mg/Kg		08/07/25 15:08	08/07/25 15:35	1
Toluene	<0.00503	U	0.00503	0.00122	mg/Kg		08/07/25 15:08	08/07/25 15:35	1
Ethylbenzene	<0.00101	U	0.00101	0.000306	mg/Kg		08/07/25 15:08	08/07/25 15:35	1
m,p-Xylenes	<0.00201	U	0.00201	0.000436	mg/Kg		08/07/25 15:08	08/07/25 15:35	1
o-Xylene	<0.00101	U	0.00101	0.000318	mg/Kg		08/07/25 15:08	08/07/25 15:35	1
Xylenes, Total	<0.00201	U	0.00201	0.000436	mg/Kg		08/07/25 15:08	08/07/25 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*56 - 150*	*08/07/25 15:08*	*08/07/25 15:35*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/07/25 15:08*	*08/07/25 15:35*	*1*
Dibromofluoromethane (Surr)	*78*		*53 - 142*	*08/07/25 15:08*	*08/07/25 15:35*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/07/25 15:08*	*08/07/25 15:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000436	mg/Kg			08/07/25 15:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 16:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/17/25 17:35*	*08/18/25 16:48*	*1*
o-Terphenyl	*80*		*70 - 130*	*08/17/25 17:35*	*08/18/25 16:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.1**		10.1	0.397	mg/Kg			08/08/25 10:46	1

Client Sample ID: TMW-41 (0-5)

Lab Sample ID: 890-8574-2
Matrix: Solid
Date Collected: 08/05/25 11:13
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/07/25 15:08	08/07/25 15:59	1
Toluene	<0.00505	U	0.00505	0.00122	mg/Kg		08/07/25 15:08	08/07/25 15:59	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/07/25 15:08	08/07/25 15:59	1
m,p-Xylenes	<0.00202	U	0.00202	0.000437	mg/Kg		08/07/25 15:08	08/07/25 15:59	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/07/25 15:08	08/07/25 15:59	1
Xylenes, Total	<0.00202	U	0.00202	0.000437	mg/Kg		08/07/25 15:08	08/07/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*	*08/07/25 15:08*	*08/07/25 15:59*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (0-5)

Date Collected: 08/05/25 11:13
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-2
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/07/25 15:08*	*08/07/25 15:59*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*	*08/07/25 15:08*	*08/07/25 15:59*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/07/25 15:08*	*08/07/25 15:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000437	mg/Kg			08/07/25 15:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 17:04	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 17:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 17:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*83*		*70 - 130*	*08/17/25 17:35*	*08/18/25 17:04*	*1*
o-Terphenyl	*86*		*70 - 130*	*08/17/25 17:35*	*08/18/25 17:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.0**		9.98	0.394	mg/Kg			08/08/25 10:53	1

Client Sample ID: TMW-41 (5-10)

Date Collected: 08/05/25 11:16
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/13/25 10:12	08/13/25 12:10	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/13/25 10:12	08/13/25 12:10	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/13/25 10:12	08/13/25 12:10	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/13/25 10:12	08/13/25 12:10	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/13/25 10:12	08/13/25 12:10	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/13/25 10:12	08/13/25 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*56 - 150*	*08/13/25 10:12*	*08/13/25 12:10*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 10:12*	*08/13/25 12:10*	*1*
Dibromofluoromethane (Surr)	*79*		*53 - 142*	*08/13/25 10:12*	*08/13/25 12:10*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 10:12*	*08/13/25 12:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 12:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (5-10)

Lab Sample ID: 890-8574-3
Matrix: Solid
Date Collected: 08/05/25 11:16
Date Received: 08/06/25 10:58

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 17:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 17:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 17:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*08/17/25 17:35*	*08/18/25 17:26*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/17/25 17:35*	*08/18/25 17:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.0**		10.0	0.395	mg/Kg			08/08/25 11:01	1

Client Sample ID: TMW-41 (10-15)

Lab Sample ID: 890-8574-4
Matrix: Solid
Date Collected: 08/05/25 11:18
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/07/25 15:08	08/07/25 16:47	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/07/25 15:08	08/07/25 16:47	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/07/25 15:08	08/07/25 16:47	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/07/25 15:08	08/07/25 16:47	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/07/25 15:08	08/07/25 16:47	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/07/25 15:08	08/07/25 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/07/25 15:08*	*08/07/25 16:47*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/07/25 16:47*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/07/25 15:08*	*08/07/25 16:47*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/07/25 15:08*	*08/07/25 16:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/07/25 16:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 18:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:00	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (10-15)

Lab Sample ID: 890-8574-4
Matrix: Solid
Date Collected: 08/05/25 11:18
Date Received: 08/06/25 10:58

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	08/17/25 17:35	08/18/25 18:00	1
o-Terphenyl	81		70 - 130	08/17/25 17:35	08/18/25 18:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.5		10.1	0.399	mg/Kg			08/08/25 11:24	1

Client Sample ID: TMW-41 (15-20)

Lab Sample ID: 890-8574-5
Matrix: Solid
Date Collected: 08/05/25 11:20
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 17:10	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 17:10	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 17:10	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 17:10	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 17:10	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		56 - 150	08/07/25 15:08	08/07/25 17:10	1
4-Bromofluorobenzene (Surr)	96		68 - 152	08/07/25 15:08	08/07/25 17:10	1
Dibromofluoromethane (Surr)	87		53 - 142	08/07/25 15:08	08/07/25 17:10	1
Toluene-d8 (Surr)	96		70 - 130	08/07/25 15:08	08/07/25 17:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 17:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 18:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	08/17/25 17:35	08/18/25 18:15	1
o-Terphenyl	85		70 - 130	08/17/25 17:35	08/18/25 18:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		10.1	0.398	mg/Kg			08/08/25 11:31	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (20-25)

Lab Sample ID: 890-8574-6
Matrix: Solid
Date Collected: 08/05/25 11:22
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/07/25 15:08	08/07/25 17:34	1
Toluene	<0.00505	U	0.00505	0.00122	mg/Kg		08/07/25 15:08	08/07/25 17:34	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/07/25 15:08	08/07/25 17:34	1
m,p-Xylenes	<0.00202	U	0.00202	0.000437	mg/Kg		08/07/25 15:08	08/07/25 17:34	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/07/25 15:08	08/07/25 17:34	1
Xylenes, Total	<0.00202	U	0.00202	0.000437	mg/Kg		08/07/25 15:08	08/07/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/07/25 15:08*	*08/07/25 17:34*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/07/25 17:34*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/07/25 15:08*	*08/07/25 17:34*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/07/25 15:08*	*08/07/25 17:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000437	mg/Kg			08/07/25 17:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 18:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/17/25 17:35*	*08/18/25 18:29*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/17/25 17:35*	*08/18/25 18:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.57**	**J**	10.1	0.398	mg/Kg			08/08/25 11:54	1

Client Sample ID: TMW-41 (25-30)

Lab Sample ID: 890-8574-7
Matrix: Solid
Date Collected: 08/05/25 11:30
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 17:58	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 17:58	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 17:58	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 17:58	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 17:58	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/07/25 15:08*	*08/07/25 17:58*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (25-30)

Lab Sample ID: 890-8574-7
Matrix: Solid
Date Collected: 08/05/25 11:30
Date Received: 08/06/25 10:58

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/07/25 17:58*	*1*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*08/07/25 15:08*	*08/07/25 17:58*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/07/25 15:08*	*08/07/25 17:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 17:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 21:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 21:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 21:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/06/25 14:04*	*08/12/25 21:40*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/06/25 14:04*	*08/12/25 21:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.74**	**J**	9.98	0.394	mg/Kg			08/08/25 12:02	1

Client Sample ID: TMW-41 (30-35)

Lab Sample ID: 890-8574-8
Matrix: Solid
Date Collected: 08/05/25 11:31
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 18:22	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 18:22	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 18:22	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 18:22	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 18:22	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*08/07/25 15:08*	*08/07/25 18:22*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/07/25 18:22*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/07/25 15:08*	*08/07/25 18:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/07/25 15:08*	*08/07/25 18:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 18:22	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (30-35)

Lab Sample ID: 890-8574-8
Matrix: Solid
Date Collected: 08/05/25 11:31
Date Received: 08/06/25 10:58

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/12/25 21:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/06/25 14:04	08/12/25 21:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/06/25 14:04	08/12/25 21:55	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/06/25 14:04	08/12/25 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/06/25 14:04*	*08/12/25 21:55*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/06/25 14:04*	*08/12/25 21:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.0**		9.94	0.393	mg/Kg			08/08/25 12:09	1

Client Sample ID: TMW-41 (35-40)

Lab Sample ID: 890-8574-9
Matrix: Solid
Date Collected: 08/05/25 11:33
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000385	mg/Kg		08/07/25 15:08	08/07/25 18:46	1
Toluene	<0.00503	U	0.00503	0.00122	mg/Kg		08/07/25 15:08	08/07/25 18:46	1
Ethylbenzene	<0.00101	U	0.00101	0.000306	mg/Kg		08/07/25 15:08	08/07/25 18:46	1
m,p-Xylenes	<0.00201	U	0.00201	0.000436	mg/Kg		08/07/25 15:08	08/07/25 18:46	1
o-Xylene	<0.00101	U	0.00101	0.000318	mg/Kg		08/07/25 15:08	08/07/25 18:46	1
Xylenes, Total	<0.00201	U	0.00201	0.000436	mg/Kg		08/07/25 15:08	08/07/25 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/07/25 15:08*	*08/07/25 18:46*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/07/25 15:08*	*08/07/25 18:46*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/07/25 15:08*	*08/07/25 18:46*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/07/25 18:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000436	mg/Kg			08/07/25 18:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 22:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 22:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 22:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 22:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (35-40)

Lab Sample ID: 890-8574-9
Matrix: Solid
Date Collected: 08/05/25 11:33
Date Received: 08/06/25 10:58

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	08/06/25 14:04	08/12/25 22:10	1
o-Terphenyl	95		70 - 130	08/06/25 14:04	08/12/25 22:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.6		10.0	0.396	mg/Kg			08/08/25 12:17	1

Client Sample ID: TMW-41 (40-45)

Lab Sample ID: 890-8574-10
Matrix: Solid
Date Collected: 08/05/25 11:36
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 19:10	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 19:10	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 19:10	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 19:10	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 19:10	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	08/07/25 15:08	08/07/25 19:10	1
4-Bromofluorobenzene (Surr)	96		68 - 152	08/07/25 15:08	08/07/25 19:10	1
Dibromofluoromethane (Surr)	89		53 - 142	08/07/25 15:08	08/07/25 19:10	1
Toluene-d8 (Surr)	99		70 - 130	08/07/25 15:08	08/07/25 19:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 19:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 22:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/06/25 14:04	08/12/25 22:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 14:04	08/12/25 22:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 14:04	08/12/25 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130	08/06/25 14:04	08/12/25 22:24	1
o-Terphenyl	91		70 - 130	08/06/25 14:04	08/12/25 22:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		10.0	0.397	mg/Kg			08/08/25 12:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (45-50)

Lab Sample ID: 890-8574-11
Matrix: Solid
Date Collected: 08/05/25 11:40
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000990	U	0.000990	0.000379	mg/Kg		08/07/25 15:08	08/07/25 19:34	1
Toluene	<0.00495	U	0.00495	0.00120	mg/Kg		08/07/25 15:08	08/07/25 19:34	1
Ethylbenzene	<0.000990	U	0.000990	0.000301	mg/Kg		08/07/25 15:08	08/07/25 19:34	1
m,p-Xylenes	<0.00198	U	0.00198	0.000429	mg/Kg		08/07/25 15:08	08/07/25 19:34	1
o-Xylene	<0.000990	U	0.000990	0.000313	mg/Kg		08/07/25 15:08	08/07/25 19:34	1
Xylenes, Total	<0.00198	U	0.00198	0.000429	mg/Kg		08/07/25 15:08	08/07/25 19:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/07/25 15:08*	*08/07/25 19:34*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/07/25 19:34*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/07/25 15:08*	*08/07/25 19:34*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/07/25 15:08*	*08/07/25 19:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198	0.000429	mg/Kg			08/07/25 19:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 22:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 22:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 22:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*08/06/25 14:04*	*08/12/25 22:40*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/06/25 14:04*	*08/12/25 22:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.5**		9.96	0.393	mg/Kg			08/08/25 12:32	1

Client Sample ID: TMW-41 (50-55)

Lab Sample ID: 890-8574-12
Matrix: Solid
Date Collected: 08/05/25 11:42
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/07/25 15:08	08/07/25 19:58	1
Toluene	<0.00505	U	0.00505	0.00122	mg/Kg		08/07/25 15:08	08/07/25 19:58	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/07/25 15:08	08/07/25 19:58	1
m,p-Xylenes	<0.00202	U	0.00202	0.000437	mg/Kg		08/07/25 15:08	08/07/25 19:58	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/07/25 15:08	08/07/25 19:58	1
Xylenes, Total	<0.00202	U	0.00202	0.000437	mg/Kg		08/07/25 15:08	08/07/25 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*08/07/25 15:08*	*08/07/25 19:58*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (50-55)

Lab Sample ID: 890-8574-12
Matrix: Solid
Date Collected: 08/05/25 11:42
Date Received: 08/06/25 10:58

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/07/25 15:08*	*08/07/25 19:58*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/07/25 15:08*	*08/07/25 19:58*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/07/25 19:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000437	mg/Kg			08/07/25 19:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 22:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/06/25 14:04	08/12/25 22:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/06/25 14:04	08/12/25 22:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/06/25 14:04	08/12/25 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/06/25 14:04*	*08/12/25 22:54*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/06/25 14:04*	*08/12/25 22:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.3**		9.90	0.391	mg/Kg			08/11/25 11:50	1

Client Sample ID: TMW-41 (55-60)

Lab Sample ID: 890-8574-13
Matrix: Solid
Date Collected: 08/05/25 11:44
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/07/25 15:08	08/07/25 20:22	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/07/25 15:08	08/07/25 20:22	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/07/25 15:08	08/07/25 20:22	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/07/25 15:08	08/07/25 20:22	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 20:22	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/07/25 15:08	08/07/25 20:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/07/25 15:08*	*08/07/25 20:22*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/07/25 15:08*	*08/07/25 20:22*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/07/25 15:08*	*08/07/25 20:22*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/07/25 20:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/07/25 20:22	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (55-60)

Date Collected: 08/05/25 11:44
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-13

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 23:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:08*	*1*
o-Terphenyl	*91*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.5**		9.96	0.393	mg/Kg			08/08/25 15:38	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
890-8574-1	DUP-1-S	84	93	78	98
890-8574-2	TMW-41 (0-5)	91	90	81	98
890-8574-3	TMW-41 (5-10)	89	97	79	95
890-8574-4	TMW-41 (10-15)	96	97	88	97
890-8574-5	TMW-41 (15-20)	94	96	87	96
890-8574-6	TMW-41 (20-25)	98	97	88	98
890-8574-7	TMW-41 (25-30)	100	97	87	97
890-8574-8	TMW-41 (30-35)	93	97	88	100
890-8574-9	TMW-41 (35-40)	95	94	86	99
890-8574-10	TMW-41 (40-45)	103	96	89	99
890-8574-11	TMW-41 (45-50)	95	97	88	100
890-8574-12	TMW-41 (50-55)	102	93	86	99
890-8574-13	TMW-41 (55-60)	101	95	89	99
LCS 860-253646/3	Lab Control Sample	101	101	100	100
LCS 860-254795/3	Lab Control Sample	98	94	97	104
LCSD 860-253646/4	Lab Control Sample Dup	102	99	97	100
LCSD 860-254795/4	Lab Control Sample Dup	97	95	98	103
MB 860-253646/8	Method Blank	100	96	99	96
MB 860-254795/7	Method Blank	90	96	81	95

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8574-1	DUP-1-S	77	80
890-8574-2	TMW-41 (0-5)	83	86
890-8574-3	TMW-41 (5-10)	73	76
890-8574-4	TMW-41 (10-15)	78	81
890-8574-5	TMW-41 (15-20)	81	85
890-8574-6	TMW-41 (20-25)	74	76
890-8574-7	TMW-41 (25-30)	85	98
890-8574-8	TMW-41 (30-35)	89	96
890-8574-9	TMW-41 (35-40)	84	95
890-8574-10	TMW-41 (40-45)	86	91
890-8574-11	TMW-41 (45-50)	89	97
890-8574-12	TMW-41 (50-55)	88	96
890-8574-13	TMW-41 (55-60)	85	91
LCS 880-116005/2-A	Lab Control Sample	137 S1+	143 S1+
LCS 880-116866/2-A	Lab Control Sample	74	82
LCSD 880-116005/3-A	Lab Control Sample Dup	138 S1+	144 S1+
LCSD 880-116866/3-A	Lab Control Sample Dup	93	81
MB 880-116005/1-A	Method Blank	129	144 S1+

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8574-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
MB 880-116866/1-A	Method Blank	79	81								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

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

Lab Sample ID: MB 860-253646/8
Matrix: Solid
Analysis Batch: 253646

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/07/25 12:47	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/07/25 12:47	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/07/25 12:47	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/07/25 12:47	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/07/25 12:47	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/07/25 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*		*08/07/25 12:47*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/07/25 12:47*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/07/25 12:47*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/07/25 12:47*	*1*

Lab Sample ID: LCS 860-253646/3
Matrix: Solid
Analysis Batch: 253646

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04078		mg/Kg		82	66 - 142		
Toluene			0.0500	0.03991		mg/Kg		80	74 - 130		
Ethylbenzene			0.0500	0.04611		mg/Kg		92	80 - 130		
m,p-Xylenes			0.0500	0.04687		mg/Kg		94	78 - 130		
o-Xylene			0.0500	0.04748		mg/Kg		95	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-253646/4
Matrix: Solid
Analysis Batch: 253646

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.03938		mg/Kg		79	66 - 142	3	25
Toluene			0.0500	0.03910		mg/Kg		78	74 - 130	2	25
Ethylbenzene			0.0500	0.04539		mg/Kg		91	80 - 130	2	25
m,p-Xylenes			0.0500	0.04562		mg/Kg		91	78 - 130	3	25
o-Xylene			0.0500	0.04704		mg/Kg		94	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

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

Lab Sample ID: MB 860-254795/7
Matrix: Solid
Analysis Batch: 254795

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/13/25 10:37	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/13/25 10:37	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/13/25 10:37	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/13/25 10:37	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*08/13/25 10:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/13/25 10:37*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*		*08/13/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/13/25 10:37*	*1*

Lab Sample ID: LCS 860-254795/3
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04456		mg/Kg		89	66 - 142		
Toluene			0.0500	0.04481		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04839		mg/Kg		97	80 - 130		
m,p-Xylenes			0.0500	0.04797		mg/Kg		96	78 - 130		
o-Xylene			0.0500	0.04903		mg/Kg		98	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-254795/4
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04927		mg/Kg		99	66 - 142	10	25
Toluene			0.0500	0.04846		mg/Kg		97	74 - 130	8	25
Ethylbenzene			0.0500	0.05133		mg/Kg		103	80 - 130	6	25
m,p-Xylenes			0.0500	0.05166		mg/Kg		103	78 - 130	7	25
o-Xylene			0.0500	0.05294		mg/Kg		106	79 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116005/1-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116005

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 16:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*08/06/25 14:04*	*08/12/25 16:58*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*08/06/25 14:04*	*08/12/25 16:58*	*1*

Lab Sample ID: LCS 880-116005/2-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116005

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1087		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	931.3		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*137*	*S1+*	*70 - 130*
o-Terphenyl	*143*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-116005/3-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116005

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1082		mg/Kg		108	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	965.7		mg/Kg		97	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*138*	*S1+*	*70 - 130*
o-Terphenyl	*144*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-116866/1-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116866

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-116866/1-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116866

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	08/17/25 17:35	08/18/25 09:20	1
o-Terphenyl	81		70 - 130	08/17/25 17:35	08/18/25 09:20	1

Lab Sample ID: LCS 880-116866/2-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116866

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1077		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	74		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: LCSD 880-116866/3-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116866

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1101		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1012		mg/Kg		101	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	81		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116078/1-A
Matrix: Solid
Analysis Batch: 116143

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/08/25 08:28	1

Lab Sample ID: LCS 880-116078/2-A
Matrix: Solid
Analysis Batch: 116143

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	260.2		mg/Kg		104	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-116078/3-A
Matrix: Solid
Analysis Batch: 116143

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.9		mg/Kg		102	90 - 110	2	20

Lab Sample ID: 890-8574-3 MS
Matrix: Solid
Analysis Batch: 116143

Client Sample ID: TMW-41 (5-10)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	25.0		250	294.1		mg/Kg		108	90 - 110		

Lab Sample ID: 890-8574-3 MSD
Matrix: Solid
Analysis Batch: 116143

Client Sample ID: TMW-41 (5-10)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.0		250	287.7		mg/Kg		105	90 - 110	2	20

Lab Sample ID: MB 880-116079/1-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/08/25 12:59	1

Lab Sample ID: LCS 880-116079/2-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	230.6		mg/Kg		92	90 - 110		

Lab Sample ID: LCSD 880-116079/3-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	231.1		mg/Kg		92	90 - 110	0	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

GC/MS VOA

Analysis Batch: 253646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Total/NA	Solid	8260D	253802
890-8574-2	TMW-41 (0-5)	Total/NA	Solid	8260D	253802
890-8574-4	TMW-41 (10-15)	Total/NA	Solid	8260D	253802
890-8574-5	TMW-41 (15-20)	Total/NA	Solid	8260D	253802
890-8574-6	TMW-41 (20-25)	Total/NA	Solid	8260D	253802
890-8574-7	TMW-41 (25-30)	Total/NA	Solid	8260D	253802
890-8574-8	TMW-41 (30-35)	Total/NA	Solid	8260D	253802
890-8574-9	TMW-41 (35-40)	Total/NA	Solid	8260D	253802
890-8574-10	TMW-41 (40-45)	Total/NA	Solid	8260D	253802
890-8574-11	TMW-41 (45-50)	Total/NA	Solid	8260D	253802
890-8574-12	TMW-41 (50-55)	Total/NA	Solid	8260D	253802
890-8574-13	TMW-41 (55-60)	Total/NA	Solid	8260D	253802
MB 860-253646/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-253646/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-253646/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 253802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Total/NA	Solid	5035	
890-8574-2	TMW-41 (0-5)	Total/NA	Solid	5035	
890-8574-4	TMW-41 (10-15)	Total/NA	Solid	5035	
890-8574-5	TMW-41 (15-20)	Total/NA	Solid	5035	
890-8574-6	TMW-41 (20-25)	Total/NA	Solid	5035	
890-8574-7	TMW-41 (25-30)	Total/NA	Solid	5035	
890-8574-8	TMW-41 (30-35)	Total/NA	Solid	5035	
890-8574-9	TMW-41 (35-40)	Total/NA	Solid	5035	
890-8574-10	TMW-41 (40-45)	Total/NA	Solid	5035	
890-8574-11	TMW-41 (45-50)	Total/NA	Solid	5035	
890-8574-12	TMW-41 (50-55)	Total/NA	Solid	5035	
890-8574-13	TMW-41 (55-60)	Total/NA	Solid	5035	

Analysis Batch: 253971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Total/NA	Solid	Total BTEX	
890-8574-2	TMW-41 (0-5)	Total/NA	Solid	Total BTEX	
890-8574-3	TMW-41 (5-10)	Total/NA	Solid	Total BTEX	
890-8574-4	TMW-41 (10-15)	Total/NA	Solid	Total BTEX	
890-8574-5	TMW-41 (15-20)	Total/NA	Solid	Total BTEX	
890-8574-6	TMW-41 (20-25)	Total/NA	Solid	Total BTEX	
890-8574-7	TMW-41 (25-30)	Total/NA	Solid	Total BTEX	
890-8574-8	TMW-41 (30-35)	Total/NA	Solid	Total BTEX	
890-8574-9	TMW-41 (35-40)	Total/NA	Solid	Total BTEX	
890-8574-10	TMW-41 (40-45)	Total/NA	Solid	Total BTEX	
890-8574-11	TMW-41 (45-50)	Total/NA	Solid	Total BTEX	
890-8574-12	TMW-41 (50-55)	Total/NA	Solid	Total BTEX	
890-8574-13	TMW-41 (55-60)	Total/NA	Solid	Total BTEX	

Analysis Batch: 254795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-3	TMW-41 (5-10)	Total/NA	Solid	8260D	254844
MB 860-254795/7	Method Blank	Total/NA	Solid	8260D	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

GC/MS VOA (Continued)

Analysis Batch: 254795 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-254795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 254844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-3	TMW-41 (5-10)	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 116005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-7	TMW-41 (25-30)	Total/NA	Solid	8015NM Prep	
890-8574-8	TMW-41 (30-35)	Total/NA	Solid	8015NM Prep	
890-8574-9	TMW-41 (35-40)	Total/NA	Solid	8015NM Prep	
890-8574-10	TMW-41 (40-45)	Total/NA	Solid	8015NM Prep	
890-8574-11	TMW-41 (45-50)	Total/NA	Solid	8015NM Prep	
890-8574-12	TMW-41 (50-55)	Total/NA	Solid	8015NM Prep	
890-8574-13	TMW-41 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116005/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116005/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-7	TMW-41 (25-30)	Total/NA	Solid	8015B NM	116005
890-8574-8	TMW-41 (30-35)	Total/NA	Solid	8015B NM	116005
890-8574-9	TMW-41 (35-40)	Total/NA	Solid	8015B NM	116005
890-8574-10	TMW-41 (40-45)	Total/NA	Solid	8015B NM	116005
890-8574-11	TMW-41 (45-50)	Total/NA	Solid	8015B NM	116005
890-8574-12	TMW-41 (50-55)	Total/NA	Solid	8015B NM	116005
890-8574-13	TMW-41 (55-60)	Total/NA	Solid	8015B NM	116005
MB 880-116005/1-A	Method Blank	Total/NA	Solid	8015B NM	116005
LCS 880-116005/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116005
LCSD 880-116005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116005

Analysis Batch: 116629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Total/NA	Solid	8015 NM	
890-8574-2	TMW-41 (0-5)	Total/NA	Solid	8015 NM	
890-8574-3	TMW-41 (5-10)	Total/NA	Solid	8015 NM	
890-8574-4	TMW-41 (10-15)	Total/NA	Solid	8015 NM	
890-8574-5	TMW-41 (15-20)	Total/NA	Solid	8015 NM	
890-8574-6	TMW-41 (20-25)	Total/NA	Solid	8015 NM	
890-8574-7	TMW-41 (25-30)	Total/NA	Solid	8015 NM	
890-8574-8	TMW-41 (30-35)	Total/NA	Solid	8015 NM	
890-8574-9	TMW-41 (35-40)	Total/NA	Solid	8015 NM	
890-8574-10	TMW-41 (40-45)	Total/NA	Solid	8015 NM	
890-8574-11	TMW-41 (45-50)	Total/NA	Solid	8015 NM	
890-8574-12	TMW-41 (50-55)	Total/NA	Solid	8015 NM	
890-8574-13	TMW-41 (55-60)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

GC Semi VOA

Prep Batch: 116866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Total/NA	Solid	8015NM Prep	
890-8574-2	TMW-41 (0-5)	Total/NA	Solid	8015NM Prep	
890-8574-3	TMW-41 (5-10)	Total/NA	Solid	8015NM Prep	
890-8574-4	TMW-41 (10-15)	Total/NA	Solid	8015NM Prep	
890-8574-5	TMW-41 (15-20)	Total/NA	Solid	8015NM Prep	
890-8574-6	TMW-41 (20-25)	Total/NA	Solid	8015NM Prep	
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Total/NA	Solid	8015B NM	116866
890-8574-2	TMW-41 (0-5)	Total/NA	Solid	8015B NM	116866
890-8574-3	TMW-41 (5-10)	Total/NA	Solid	8015B NM	116866
890-8574-4	TMW-41 (10-15)	Total/NA	Solid	8015B NM	116866
890-8574-5	TMW-41 (15-20)	Total/NA	Solid	8015B NM	116866
890-8574-6	TMW-41 (20-25)	Total/NA	Solid	8015B NM	116866
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015B NM	116866
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116866
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116866

HPLC/IC

Leach Batch: 116078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Soluble	Solid	DI Leach	
890-8574-2	TMW-41 (0-5)	Soluble	Solid	DI Leach	
890-8574-3	TMW-41 (5-10)	Soluble	Solid	DI Leach	
890-8574-4	TMW-41 (10-15)	Soluble	Solid	DI Leach	
890-8574-5	TMW-41 (15-20)	Soluble	Solid	DI Leach	
890-8574-6	TMW-41 (20-25)	Soluble	Solid	DI Leach	
890-8574-7	TMW-41 (25-30)	Soluble	Solid	DI Leach	
890-8574-8	TMW-41 (30-35)	Soluble	Solid	DI Leach	
890-8574-9	TMW-41 (35-40)	Soluble	Solid	DI Leach	
890-8574-10	TMW-41 (40-45)	Soluble	Solid	DI Leach	
890-8574-11	TMW-41 (45-50)	Soluble	Solid	DI Leach	
890-8574-12	TMW-41 (50-55)	Soluble	Solid	DI Leach	
MB 880-116078/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116078/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116078/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8574-3 MS	TMW-41 (5-10)	Soluble	Solid	DI Leach	
890-8574-3 MSD	TMW-41 (5-10)	Soluble	Solid	DI Leach	

Leach Batch: 116079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-13	TMW-41 (55-60)	Soluble	Solid	DI Leach	
MB 880-116079/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116079/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116079/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

HPLC/IC

Analysis Batch: 116143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-1	DUP-1-S	Soluble	Solid	300.0	116078
890-8574-2	TMW-41 (0-5)	Soluble	Solid	300.0	116078
890-8574-3	TMW-41 (5-10)	Soluble	Solid	300.0	116078
890-8574-4	TMW-41 (10-15)	Soluble	Solid	300.0	116078
890-8574-5	TMW-41 (15-20)	Soluble	Solid	300.0	116078
890-8574-6	TMW-41 (20-25)	Soluble	Solid	300.0	116078
890-8574-7	TMW-41 (25-30)	Soluble	Solid	300.0	116078
890-8574-8	TMW-41 (30-35)	Soluble	Solid	300.0	116078
890-8574-9	TMW-41 (35-40)	Soluble	Solid	300.0	116078
890-8574-10	TMW-41 (40-45)	Soluble	Solid	300.0	116078
890-8574-11	TMW-41 (45-50)	Soluble	Solid	300.0	116078
890-8574-12	TMW-41 (50-55)	Soluble	Solid	300.0	116078
MB 880-116078/1-A	Method Blank	Soluble	Solid	300.0	116078
LCS 880-116078/2-A	Lab Control Sample	Soluble	Solid	300.0	116078
LCSD 880-116078/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116078
890-8574-3 MS	TMW-41 (5-10)	Soluble	Solid	300.0	116078
890-8574-3 MSD	TMW-41 (5-10)	Soluble	Solid	300.0	116078

Analysis Batch: 116188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8574-13	TMW-41 (55-60)	Soluble	Solid	300.0	116079
MB 880-116079/1-A	Method Blank	Soluble	Solid	300.0	116079
LCS 880-116079/2-A	Lab Control Sample	Soluble	Solid	300.0	116079
LCSD 880-116079/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116079

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: DUP-1-S
Date Collected: 08/05/25 11:10
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 15:35	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 15:35	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/18/25 16:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 16:48	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 10:46	CS	EET MID

Client Sample ID: TMW-41 (0-5)
Date Collected: 08/05/25 11:13
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 15:59	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 15:59	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/18/25 17:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 17:04	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 10:53	CS	EET MID

Client Sample ID: TMW-41 (5-10)
Date Collected: 08/05/25 11:16
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254844	08/13/25 10:12	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 12:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/13/25 12:10	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/18/25 17:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 17:26	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 11:01	CS	EET MID

Client Sample ID: TMW-41 (10-15)
Date Collected: 08/05/25 11:18
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 16:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 16:47	RJT	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (10-15)

Date Collected: 08/05/25 11:18
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116629	08/18/25 18:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 18:00	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 11:24	CS	EET MID

Client Sample ID: TMW-41 (15-20)

Date Collected: 08/05/25 11:20
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 17:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 17:10	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/18/25 18:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 18:15	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 11:31	CS	EET MID

Client Sample ID: TMW-41 (20-25)

Date Collected: 08/05/25 11:22
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 17:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 17:34	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/18/25 18:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 18:29	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 11:54	CS	EET MID

Client Sample ID: TMW-41 (25-30)

Date Collected: 08/05/25 11:30
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 17:58	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 17:58	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/12/25 21:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 21:40	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (25-30)
Date Collected: 08/05/25 11:30
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 12:02	CS	EET MID

Client Sample ID: TMW-41 (30-35)
Date Collected: 08/05/25 11:31
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 18:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 18:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/12/25 21:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 21:55	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 12:09	CS	EET MID

Client Sample ID: TMW-41 (35-40)
Date Collected: 08/05/25 11:33
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 18:46	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 18:46	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/12/25 22:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 22:10	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 12:17	CS	EET MID

Client Sample ID: TMW-41 (40-45)
Date Collected: 08/05/25 11:36
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8574-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 19:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 19:10	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/12/25 22:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 22:24	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 12:25	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Client Sample ID: TMW-41 (45-50)

Lab Sample ID: 890-8574-11
Matrix: Solid
Date Collected: 08/05/25 11:40
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 19:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 19:34	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/12/25 22:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 22:40	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/08/25 12:32	CS	EET MID

Client Sample ID: TMW-41 (50-55)

Lab Sample ID: 890-8574-12
Matrix: Solid
Date Collected: 08/05/25 11:42
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 19:58	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 19:58	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/12/25 22:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 22:54	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116078	08/07/25 10:32	SMC	EET MID
Soluble	Analysis	300.0		1			116143	08/11/25 11:50	CS	EET MID

Client Sample ID: TMW-41 (55-60)

Lab Sample ID: 890-8574-13
Matrix: Solid
Date Collected: 08/05/25 11:44
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 20:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253971	08/07/25 20:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116629	08/12/25 23:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 23:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116079	08/07/25 10:35	SMC	EET MID
Soluble	Analysis	300.0		1			116188	08/08/25 15:38	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8574-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8574-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8574-1	DUP-1-S	Solid	08/05/25 11:10	08/06/25 10:58	Texas
890-8574-2	TMW-41 (0-5)	Solid	08/05/25 11:13	08/06/25 10:58	Texas
890-8574-3	TMW-41 (5-10)	Solid	08/05/25 11:16	08/06/25 10:58	Texas
890-8574-4	TMW-41 (10-15)	Solid	08/05/25 11:18	08/06/25 10:58	Texas
890-8574-5	TMW-41 (15-20)	Solid	08/05/25 11:20	08/06/25 10:58	Texas
890-8574-6	TMW-41 (20-25)	Solid	08/05/25 11:22	08/06/25 10:58	Texas
890-8574-7	TMW-41 (25-30)	Solid	08/05/25 11:30	08/06/25 10:58	Texas
890-8574-8	TMW-41 (30-35)	Solid	08/05/25 11:31	08/06/25 10:58	Texas
890-8574-9	TMW-41 (35-40)	Solid	08/05/25 11:33	08/06/25 10:58	Texas
890-8574-10	TMW-41 (40-45)	Solid	08/05/25 11:36	08/06/25 10:58	Texas
890-8574-11	TMW-41 (45-50)	Solid	08/05/25 11:40	08/06/25 10:58	Texas
890-8574-12	TMW-41 (50-55)	Solid	08/05/25 11:42	08/06/25 10:58	Texas
890-8574-13	TMW-41 (55-60)	Solid	08/05/25 11:44	08/06/25 10:58	Texas

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Testing

890-8574 Chain of Custody

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tr
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of O
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested	
Address: 5847 50th St	Due Date Requested:		
City: Lubbock	TAT Requested (days):		
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Purchase Order not required		
Email: john.grams@terracon.com Stevie@sportenvironmental.com	WO #:		
Project Name: EBDU 37	Project #: 88002619		
Site:	SSOW#:		

Preservation Codes: N - None; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
DUP-1-S	8/5/25	11:10		Solid			X	1	
TMW-41 (0-5)	8/5/25	11:13		Solid			X	1	
TMW-41 (5-10)	8/5/25	11:16		Solid			X	1	
TMW-41 (10-15)	8/5/25	11:18		Solid			X	1	
TMW-41 (15-20)	8/5/25	11:20		Solid			X	1	
TMW-41 (20-25)	8/5/25	11:22		Solid			X	1	
TMW-41 (25-30)	8/5/25	11:30		Solid			X	1	
TMW-41 (30-35)	8/5/25	11:31		Solid			X	1	
TMW-41 (35-40)	8/5/25	11:33		Solid			X	1	
TMW-41 (40-45)	8/5/25	11:36		Solid			X	1	
TMW-41 (45-50)	8/5/25	11:40		Soil			X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	08/06/25 0450			8/6/25 715	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/6/25 1058			8/6/25 1058	
Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.2 5.6 5.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: ~~880-13701-2055.10~~
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 10 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: N - None
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com stevie@sporterenvironmental.com	WO #:			Other:
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N		
TMW-4 (50-55)	8/5/25	11:42		Solid			X	1	
TMW-4 (55-60)	8/5/25	11:44		Solid			X	1	
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					
				Solid					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/06/25 0450			8/6/25 715	
2		8/6/25 1058				
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.2 5.6 5.4

Ver: 05/06/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5611 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8574-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/12/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
DUP-1-5 (890-8574-1)	8/5/25	11 10 Central	G	Solid			X	X	2	
TMW-41 (0-5) (890-8574-2)	8/5/25	11 13 Central	G	Solid			X	X	2	
TMW-41 (5-10) (890-8574-3)	8/5/25	11 16 Central	G	Solid			X	X	2	
TMW-41 (10-15) (890-8574-4)	8/5/25	11 18 Central	G	Solid			X	X	2	
TMW-41 (15-20) (890-8574-5)	8/5/25	11:20 Central	G	Solid			X	X	2	
TMW-41 (20-25) (890-8574-6)	8/5/25	11:22 Central	G	Solid			X	X	2	
TMW-41 (25-30) (890-8574-7)	8/5/25	11.30 Central	G	Solid			X	X	2	
TMW-41 (30-35 (890-8574-8)	8/5/25	11:31 Central	G	Solid			X	X	2	
TMW-41 (35-40) (890-8574-9)	8/5/25	11:33 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5611.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8574-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/12/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW-41 (40-45) (890-8574-10)	8/5/25	11:36 Central	G	Solid			X	X	2	
TMW-41 (45-50) (890-8574-11)	8/5/25	11:40 Central	G	Solid			X	X	2	
TMW-41 (50-55) (890-8574-12)	8/5/25	11:42 Central	G	Solid			X	X	2	
TMW-41 (55-60) (890-8574-13)	8/5/25	11:44 Central	G	Solid			X	X	2	

Analysis Requested

Preservation Codes:

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

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

Ver: 10/10/2024

8/25/2025 (Rev. 2)
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Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8574-1

Login Number: 8574 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Lopez, Abraham

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8574-1

Login Number: 8574
List Number: 3
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 08/07/25 11:57 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8574-1

Login Number: 8574
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 08/07/25 08:08 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/25/2025 4:04:16 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8616-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/25/2025 4:04:16 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 890-8616-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8616-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8616-1
Project: EBDU 37

Job ID: 890-8616-1 Eurofins Carlsbad

Job Narrative
890-8616-1

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

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

Receipt
The samples were received on 8/11/2025 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: DUP - 4 - S (890-8616-1), TMW - 28 (0-5) (890-8616-2), TMW - 28 (5-10) (890-8616-3), TMW - 28 (10-15) (890-8616-4), TMW - 28 (15-20) (890-8616-5), TMW - 28 (20-25) (890-8616-6), TMW - 28 (25-30) (890-8616-7), TMW - 28 (30-35) (890-8616-8), TMW - 28 (35-40) (890-8616-9), TMW - 28 (40-45) (890-8616-10), TMW - 28 (45-50) (890-8616-11), TMW - 28 (50-55) (890-8616-12) and TMW - 28 (55-60) (890-8616-13).

The following samples were received and analyzed from an unpreserved bulk soil jar: DUP - 4 - S (890-8616-1), TMW - 28 (0-5) (890-8616-2), TMW - 28 (5-10) (890-8616-3), TMW - 28 (10-15) (890-8616-4), TMW - 28 (15-20) (890-8616-5), TMW - 28 (20-25) (890-8616-6), TMW - 28 (25-30) (890-8616-7), TMW - 28 (30-35) (890-8616-8), TMW - 28 (35-40) (890-8616-9), TMW - 28 (40-45) (890-8616-10), TMW - 28 (45-50) (890-8616-11), TMW - 28 (50-55) (890-8616-12) and TMW - 28 (55-60) (890-8616-13).

GC/MS VOA
Method 8260D: The following samples were diluted due to it being rocks: DUP - 4 - S (890-8616-1), TMW - 28 (5-10) (890-8616-3) and TMW - 28 (10-15) (890-8616-4). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: Sample is in a bulk jar.

TMW - 28 (0-5) (890-8616-2), TMW - 28 (15-20) (890-8616-5), TMW - 28 (20-25) (890-8616-6) and TMW - 28 (25-30) (890-8616-7)

Method 8260D: Sample is in a bulk jar

TMW - 28 (25-30) (890-8616-7)

Method 8260D: Sample is in a bulk jar.

TMW - 28 (30-35) (890-8616-8), TMW - 28 (35-40) (890-8616-9), TMW - 28 (40-45) (890-8616-10), TMW - 28 (45-50) (890-8616-11) and TMW - 28 (50-55) (890-8616-12)

Method 8260D: Sample is in a bulk jar.

TMW - 28 (55-60) (890-8616-13)

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

Diesel Range Organics
Method 8015MOD_NM: The method blank for preparation batch 880-116431 and analytical batch 880-116849 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8616-1
Project: EBDU 37

Job ID: 890-8616-1 (Continued) Eurofins Carlsbad

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-116849 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-116849/70).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-116431/2-A) and (LCSD 880-116431/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116431 and analytical batch 880-116849 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: DUP - 4 - S (890-8616-1). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: DUP - 4 - S

Lab Sample ID: 890-8616-1
Matrix: Solid
Date Collected: 08/08/25 08:45
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0505	U	0.0505	0.0193	mg/Kg		08/12/25 16:02	08/13/25 04:12	50
Toluene	<0.253	U	0.253	0.0612	mg/Kg		08/12/25 16:02	08/13/25 04:12	50
Ethylbenzene	<0.0505	U	0.0505	0.0154	mg/Kg		08/12/25 16:02	08/13/25 04:12	50
m,p-Xylenes	<0.101	U	0.101	0.0219	mg/Kg		08/12/25 16:02	08/13/25 04:12	50
o-Xylene	<0.0505	U	0.0505	0.0160	mg/Kg		08/12/25 16:02	08/13/25 04:12	50
Xylenes, Total	<0.101	U	0.101	0.0219	mg/Kg		08/12/25 16:02	08/13/25 04:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/13/25 04:12*	*50*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/13/25 04:12*	*50*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/12/25 16:02*	*08/13/25 04:12*	*50*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/13/25 04:12*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.101	U	0.101	0.0219	mg/Kg			08/13/25 04:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 17:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 17:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 17:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*62*	*S1-*	*70 - 130*	*08/12/25 08:11*	*08/16/25 17:37*	*1*
o-Terphenyl	*61*	*S1-*	*70 - 130*	*08/12/25 08:11*	*08/16/25 17:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.6**		9.96	0.393	mg/Kg			08/13/25 21:42	1

Client Sample ID: TMW - 28 (0-5)

Lab Sample ID: 890-8616-2
Matrix: Solid
Date Collected: 08/08/25 08:47
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/12/25 16:02	08/13/25 04:33	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/12/25 16:02	08/13/25 04:33	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/12/25 16:02	08/13/25 04:33	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 04:33	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/13/25 04:33	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*08/12/25 16:02*	*08/13/25 04:33*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8616-1
Project/Site: EBDU 37

Client Sample ID: TMW - 28 (0-5)
Lab Sample ID: 890-8616-2
Date Collected: 08/08/25 08:47
Matrix: Solid
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/12/25 16:02*	*08/13/25 04:33*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/12/25 16:02*	*08/13/25 04:33*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/13/25 04:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/13/25 04:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 17:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 17:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*08/12/25 08:11*	*08/16/25 17:57*	*1*
o-Terphenyl	*81*		*70 - 130*	*08/12/25 08:11*	*08/16/25 17:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.9**		10.1	0.399	mg/Kg			08/13/25 21:50	1

Client Sample ID: TMW - 28 (5-10)
Lab Sample ID: 890-8616-3
Date Collected: 08/08/25 08:49
Matrix: Solid
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0499	U	0.0499	0.0191	mg/Kg		08/12/25 16:02	08/13/25 04:54	50
Toluene	<0.250	U	0.250	0.0604	mg/Kg		08/12/25 16:02	08/13/25 04:54	50
Ethylbenzene	<0.0499	U	0.0499	0.0152	mg/Kg		08/12/25 16:02	08/13/25 04:54	50
m,p-Xylenes	<0.0998	U	0.0998	0.0216	mg/Kg		08/12/25 16:02	08/13/25 04:54	50
o-Xylene	<0.0499	U	0.0499	0.0158	mg/Kg		08/12/25 16:02	08/13/25 04:54	50
Xylenes, Total	<0.0998	U	0.0998	0.0216	mg/Kg		08/12/25 16:02	08/13/25 04:54	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/12/25 16:02*	*08/13/25 04:54*	*50*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*08/12/25 16:02*	*08/13/25 04:54*	*50*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/13/25 04:54*	*50*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/12/25 16:02*	*08/13/25 04:54*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0998	U	0.0998	0.0216	mg/Kg			08/13/25 04:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (5-10)

Lab Sample ID: 890-8616-3
Matrix: Solid
Date Collected: 08/08/25 08:49
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 18:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 18:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 18:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 08:11*	*08/16/25 18:18*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/12/25 08:11*	*08/16/25 18:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.37	J	9.90	0.391	mg/Kg			08/13/25 21:58	1

Client Sample ID: TMW - 28 (10-15)

Lab Sample ID: 890-8616-4
Matrix: Solid
Date Collected: 08/08/25 08:52
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0500	U	0.0500	0.0191	mg/Kg		08/12/25 16:02	08/13/25 05:15	50
Toluene	<0.250	U	0.250	0.0606	mg/Kg		08/12/25 16:02	08/13/25 05:15	50
Ethylbenzene	<0.0500	U	0.0500	0.0152	mg/Kg		08/12/25 16:02	08/13/25 05:15	50
m,p-Xylenes	<0.100	U	0.100	0.0216	mg/Kg		08/12/25 16:02	08/13/25 05:15	50
o-Xylene	<0.0500	U	0.0500	0.0158	mg/Kg		08/12/25 16:02	08/13/25 05:15	50
Xylenes, Total	<0.100	U	0.100	0.0216	mg/Kg		08/12/25 16:02	08/13/25 05:15	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/13/25 05:15*	*50*
4-Bromofluorobenzene (Surr)	*108*		*68 - 152*	*08/12/25 16:02*	*08/13/25 05:15*	*50*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/12/25 16:02*	*08/13/25 05:15*	*50*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/12/25 16:02*	*08/13/25 05:15*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.100	U	0.100	0.0216	mg/Kg			08/13/25 05:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 18:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 18:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 18:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 18:38	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (10-15)

Lab Sample ID: 890-8616-4
Matrix: Solid
Date Collected: 08/08/25 08:52
Date Received: 08/11/25 10:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 08:11*	*08/16/25 18:38*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/12/25 08:11*	*08/16/25 18:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.52	J	10.1	0.398	mg/Kg			08/14/25 05:11	1

Client Sample ID: TMW - 28 (15-20)

Lab Sample ID: 890-8616-5
Matrix: Solid
Date Collected: 08/08/25 08:54
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/12/25 16:02	08/13/25 05:36	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/12/25 16:02	08/13/25 05:36	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/12/25 16:02	08/13/25 05:36	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 05:36	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/13/25 05:36	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*08/12/25 16:02*	*08/13/25 05:36*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/12/25 16:02*	*08/13/25 05:36*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/12/25 16:02*	*08/13/25 05:36*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/12/25 16:02*	*08/13/25 05:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/13/25 05:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 18:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 18:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 18:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*08/12/25 08:11*	*08/16/25 18:59*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/12/25 08:11*	*08/16/25 18:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.21	J	9.98	0.394	mg/Kg			08/14/25 05:33	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (20-25)

Lab Sample ID: 890-8616-6
Matrix: Solid
Date Collected: 08/08/25 08:56
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/12/25 16:02	08/13/25 05:57	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/12/25 16:02	08/13/25 05:57	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/12/25 16:02	08/13/25 05:57	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/12/25 16:02	08/13/25 05:57	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/12/25 16:02	08/13/25 05:57	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/12/25 16:02	08/13/25 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/13/25 05:57*	*1*
4-Bromofluorobenzene (Surr)	*110*		*68 - 152*	*08/12/25 16:02*	*08/13/25 05:57*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*	*08/12/25 16:02*	*08/13/25 05:57*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/13/25 05:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 05:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 19:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 19:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 19:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*08/12/25 08:11*	*08/16/25 19:39*	*1*
o-Terphenyl	*87*		*70 - 130*	*08/12/25 08:11*	*08/16/25 19:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.99**	**J**	10.1	0.399	mg/Kg			08/14/25 05:41	1

Client Sample ID: TMW - 28 (25-30)

Lab Sample ID: 890-8616-7
Matrix: Solid
Date Collected: 08/08/25 08:58
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 15:14	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 15:14	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 15:14	1
m,p-Xylenes	**0.000774**	**J**	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 15:14	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 15:14	1
Xylenes, Total	**0.000774**	**J**	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*08/12/25 16:02*	*08/13/25 15:14*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (25-30)

Lab Sample ID: 890-8616-7
Matrix: Solid
Date Collected: 08/08/25 08:58
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/12/25 16:02*	*08/13/25 15:14*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/12/25 16:02*	*08/13/25 15:14*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/12/25 16:02*	*08/13/25 15:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.000774**	**J**	0.00200	0.000432	mg/Kg			08/13/25 15:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 20:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 20:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 20:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/12/25 08:11*	*08/16/25 20:00*	*1*
o-Terphenyl	*95*		*70 - 130*	*08/12/25 08:11*	*08/16/25 20:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.35**	**J**	9.90	0.391	mg/Kg			08/14/25 06:04	1

Client Sample ID: TMW - 28 (30-35)

Lab Sample ID: 890-8616-8
Matrix: Solid
Date Collected: 08/08/25 09:00
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/12/25 16:02	08/13/25 13:18	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/12/25 16:02	08/13/25 13:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/12/25 16:02	08/13/25 13:18	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 13:18	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/13/25 13:18	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*	*08/12/25 16:02*	*08/13/25 13:18*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/12/25 16:02*	*08/13/25 13:18*	*1*
Dibromofluoromethane (Surr)	*79*		*53 - 142*	*08/12/25 16:02*	*08/13/25 13:18*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/12/25 16:02*	*08/13/25 13:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/13/25 13:18	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (30-35)

Lab Sample ID: 890-8616-8
Matrix: Solid
Date Collected: 08/08/25 09:00
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 20:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 20:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 20:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 08:11*	*08/16/25 20:20*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/12/25 08:11*	*08/16/25 20:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.6**		10.1	0.398	mg/Kg			08/14/25 06:11	1

Client Sample ID: TMW - 28 (35-40)

Lab Sample ID: 890-8616-9
Matrix: Solid
Date Collected: 08/08/25 09:02
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/12/25 16:02	08/13/25 13:41	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/12/25 16:02	08/13/25 13:41	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/12/25 16:02	08/13/25 13:41	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 13:41	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/13/25 13:41	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/13/25 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*56 - 150*	*08/12/25 16:02*	*08/13/25 13:41*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/12/25 16:02*	*08/13/25 13:41*	*1*
Dibromofluoromethane (Surr)	*79*		*53 - 142*	*08/12/25 16:02*	*08/13/25 13:41*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/12/25 16:02*	*08/13/25 13:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/13/25 13:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 20:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 20:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 20:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 20:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (35-40)

Lab Sample ID: 890-8616-9
Matrix: Solid
Date Collected: 08/08/25 09:02
Date Received: 08/11/25 10:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 08:11*	*08/16/25 20:40*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/12/25 08:11*	*08/16/25 20:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.0**		9.92	0.392	mg/Kg			08/14/25 06:19	1

Client Sample ID: TMW - 28 (40-45)

Lab Sample ID: 890-8616-10
Matrix: Solid
Date Collected: 08/08/25 09:04
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 14:04	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 14:04	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 14:04	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 14:04	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 14:04	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*56 - 150*	*08/12/25 16:02*	*08/13/25 14:04*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/12/25 16:02*	*08/13/25 14:04*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*	*08/12/25 16:02*	*08/13/25 14:04*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/12/25 16:02*	*08/13/25 14:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 14:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 21:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 21:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 21:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/12/25 08:11*	*08/16/25 21:01*	*1*
o-Terphenyl	*85*		*70 - 130*	*08/12/25 08:11*	*08/16/25 21:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.1**		10.0	0.396	mg/Kg			08/14/25 06:27	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (45-50)

Lab Sample ID: 890-8616-11
Matrix: Solid
Date Collected: 08/08/25 09:06
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/12/25 16:02	08/13/25 14:26	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/12/25 16:02	08/13/25 14:26	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/12/25 16:02	08/13/25 14:26	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/12/25 16:02	08/13/25 14:26	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/12/25 16:02	08/13/25 14:26	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/12/25 16:02	08/13/25 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*56 - 150*	*08/12/25 16:02*	*08/13/25 14:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/12/25 16:02*	*08/13/25 14:26*	*1*
Dibromofluoromethane (Surr)	*82*		*53 - 142*	*08/12/25 16:02*	*08/13/25 14:26*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/12/25 16:02*	*08/13/25 14:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 14:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 21:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 21:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 21:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:11	08/16/25 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/12/25 08:11*	*08/16/25 21:21*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/12/25 08:11*	*08/16/25 21:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.3**		9.92	0.392	mg/Kg			08/14/25 06:34	1

Client Sample ID: TMW - 28 (50-55)

Lab Sample ID: 890-8616-12
Matrix: Solid
Date Collected: 08/08/25 09:08
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/12/25 16:02	08/13/25 14:49	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/12/25 16:02	08/13/25 14:49	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/12/25 16:02	08/13/25 14:49	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 14:49	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/12/25 16:02	08/13/25 14:49	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/12/25 16:02	08/13/25 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*	*08/12/25 16:02*	*08/13/25 14:49*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (50-55)

Lab Sample ID: 890-8616-12
Matrix: Solid
Date Collected: 08/08/25 09:08
Date Received: 08/11/25 10:20

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/12/25 16:02*	*08/13/25 14:49*	*1*
Dibromofluoromethane (Surr)	*84*		*53 - 142*	*08/12/25 16:02*	*08/13/25 14:49*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/12/25 16:02*	*08/13/25 14:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/13/25 14:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 21:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 21:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 21:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:11	08/16/25 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*82*		*70 - 130*	*08/12/25 08:11*	*08/16/25 21:42*	*1*
o-Terphenyl	*83*		*70 - 130*	*08/12/25 08:11*	*08/16/25 21:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.8**		10.1	0.397	mg/Kg			08/14/25 06:42	1

Client Sample ID: TMW - 28 (55-60)

Lab Sample ID: 890-8616-13
Matrix: Solid
Date Collected: 08/08/25 09:10
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/12/25 16:02	08/14/25 18:50	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/12/25 16:02	08/14/25 18:50	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/12/25 16:02	08/14/25 18:50	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/14/25 18:50	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/14/25 18:50	1
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/14/25 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/12/25 16:02*	*08/14/25 18:50*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/12/25 16:02*	*08/14/25 18:50*	*1*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/12/25 16:02*	*08/14/25 18:50*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/12/25 16:02*	*08/14/25 18:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000434	mg/Kg			08/14/25 18:50	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (55-60)

Date Collected: 08/08/25 09:10
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-13

Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 22:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 22:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 22:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/12/25 08:11*	*08/16/25 22:03*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/12/25 08:11*	*08/16/25 22:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.1**		9.98	0.394	mg/Kg			08/14/25 06:49	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
890-8616-1	DUP - 4 - S	99	105	101	100
890-8616-2	TMW - 28 (0-5)	97	104	100	99
890-8616-3	TMW - 28 (5-10)	100	101	97	98
890-8616-4	TMW - 28 (10-15)	99	108	101	98
890-8616-5	TMW - 28 (15-20)	104	104	103	98
890-8616-6	TMW - 28 (20-25)	99	110	104	99
890-8616-7	TMW - 28 (25-30)	109	95	88	96
890-8616-8	TMW - 28 (30-35)	90	98	79	96
890-8616-9	TMW - 28 (35-40)	85	98	79	96
890-8616-10	TMW - 28 (40-45)	85	98	81	95
890-8616-11	TMW - 28 (45-50)	86	97	82	94
890-8616-12	TMW - 28 (50-55)	88	99	84	95
890-8616-13	TMW - 28 (55-60)	96	98	85	96
LCS 860-254713/3	Lab Control Sample	100	96	95	98
LCS 860-254795/3	Lab Control Sample	98	94	97	104
LCS 860-254798/3	Lab Control Sample	106	96	97	102
LCS 860-255082/3	Lab Control Sample	99	96	101	102
LCSD 860-254713/4	Lab Control Sample Dup	98	97	98	99
LCSD 860-254795/4	Lab Control Sample Dup	97	95	98	103
LCSD 860-254798/4	Lab Control Sample Dup	106	112	97	101
LCSD 860-255082/4	Lab Control Sample Dup	97	99	99	102
MB 860-254713/8	Method Blank	99	104	103	97
MB 860-254795/7	Method Blank	90	96	81	95
MB 860-254798/8	Method Blank	97	91	93	96
MB 860-255082/7	Method Blank	87	100	83	95

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8616-1	DUP - 4 - S	62 S1-	61 S1-
890-8616-2	TMW - 28 (0-5)	82	81
890-8616-3	TMW - 28 (5-10)	98	98
890-8616-4	TMW - 28 (10-15)	100	101
890-8616-5	TMW - 28 (15-20)	80	78
890-8616-6	TMW - 28 (20-25)	88	87
890-8616-7	TMW - 28 (25-30)	95	95
890-8616-8	TMW - 28 (30-35)	102	103
890-8616-9	TMW - 28 (35-40)	98	96
890-8616-10	TMW - 28 (40-45)	85	85
890-8616-11	TMW - 28 (45-50)	105	103
890-8616-12	TMW - 28 (50-55)	82	83

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8616-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-8616-13	TMW - 28 (55-60)	101	100								
LCS 880-116431/2-A	Lab Control Sample	142 S1+	136 S1+								
LCSD 880-116431/3-A	Lab Control Sample Dup	142 S1+	136 S1+								
MB 880-116431/1-A	Method Blank	141 S1+	140 S1+								

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

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

Lab Sample ID: MB 860-254713/8
Matrix: Solid
Analysis Batch: 254713

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/12/25 22:57	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/12/25 22:57	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/12/25 22:57	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/12/25 22:57	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*		*08/12/25 22:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*		*08/12/25 22:57*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*		*08/12/25 22:57*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/12/25 22:57*	*1*

Lab Sample ID: LCS 860-254713/3
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04604		mg/Kg		92	66 - 142		
Toluene			0.0500	0.04518		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04729		mg/Kg		95	80 - 130		
m,p-Xylenes			0.0500	0.04635		mg/Kg		93	78 - 130		
o-Xylene			0.0500	0.04744		mg/Kg		95	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 860-254713/4
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04686		mg/Kg		94	66 - 142	2	25
Toluene			0.0500	0.04414		mg/Kg		88	74 - 130	2	25
Ethylbenzene			0.0500	0.04612		mg/Kg		92	80 - 130	3	25
m,p-Xylenes			0.0500	0.04526		mg/Kg		91	78 - 130	2	25
o-Xylene			0.0500	0.04642		mg/Kg		93	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

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

Lab Sample ID: MB 860-254795/7
Matrix: Solid
Analysis Batch: 254795

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/13/25 10:37	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/13/25 10:37	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/13/25 10:37	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/13/25 10:37	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*08/13/25 10:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/13/25 10:37*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*		*08/13/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/13/25 10:37*	*1*

Lab Sample ID: LCS 860-254795/3
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04456		mg/Kg		89	66 - 142		
Toluene			0.0500	0.04481		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04839		mg/Kg		97	80 - 130		
m,p-Xylenes			0.0500	0.04797		mg/Kg		96	78 - 130		
o-Xylene			0.0500	0.04903		mg/Kg		98	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-254795/4
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04927		mg/Kg		99	66 - 142	10	25
Toluene			0.0500	0.04846		mg/Kg		97	74 - 130	8	25
Ethylbenzene			0.0500	0.05133		mg/Kg		103	80 - 130	6	25
m,p-Xylenes			0.0500	0.05166		mg/Kg		103	78 - 130	7	25
o-Xylene			0.0500	0.05294		mg/Kg		106	79 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

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

Lab Sample ID: MB 860-254798/8
Matrix: Solid
Analysis Batch: 254798

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/13/25 10:56	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/13/25 10:56	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/13/25 10:56	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/13/25 10:56	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*		*08/13/25 10:56*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*		*08/13/25 10:56*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*		*08/13/25 10:56*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/13/25 10:56*	*1*

Lab Sample ID: LCS 860-254798/3
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04683		mg/Kg		94	66 - 142		
Toluene			0.0500	0.04499		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04662		mg/Kg		93	80 - 130		
m,p-Xylenes			0.0500	0.04555		mg/Kg		91	78 - 130		
o-Xylene			0.0500	0.04111		mg/Kg		82	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254798/4
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04696		mg/Kg		94	66 - 142	0	25
Toluene			0.0500	0.04603		mg/Kg		92	74 - 130	2	25
Ethylbenzene			0.0500	0.04740		mg/Kg		95	80 - 130	2	25
m,p-Xylenes			0.0500	0.04625		mg/Kg		92	78 - 130	2	25
o-Xylene			0.0500	0.04121		mg/Kg		82	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*112*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

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

Lab Sample ID: MB 860-255082/7
Matrix: Solid
Analysis Batch: 255082

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/14/25 15:31	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/14/25 15:31	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/14/25 15:31	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/14/25 15:31	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/14/25 15:31	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/14/25 15:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*56 - 150*		*08/14/25 15:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*		*08/14/25 15:31*	*1*
Dibromofluoromethane (Surr)	*83*		*53 - 142*		*08/14/25 15:31*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/14/25 15:31*	*1*

Lab Sample ID: LCS 860-255082/3
Matrix: Solid
Analysis Batch: 255082

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04246		mg/Kg		85	66 - 142		
Toluene			0.0500	0.04195		mg/Kg		84	74 - 130		
Ethylbenzene			0.0500	0.04476		mg/Kg		90	80 - 130		
m,p-Xylenes			0.0500	0.04417		mg/Kg		88	78 - 130		
o-Xylene			0.0500	0.04561		mg/Kg		91	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*101*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-255082/4
Matrix: Solid
Analysis Batch: 255082

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04704		mg/Kg		94	66 - 142	10	25
Toluene			0.0500	0.04607		mg/Kg		92	74 - 130	9	25
Ethylbenzene			0.0500	0.04969		mg/Kg		99	80 - 130	10	25
m,p-Xylenes			0.0500	0.04878		mg/Kg		98	78 - 130	10	25
o-Xylene			0.0500	0.05102		mg/Kg		102	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*99*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116431/1-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116431

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*08/12/25 08:00*	*08/16/25 12:52*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*08/12/25 08:00*	*08/16/25 12:52*	*1*

Lab Sample ID: LCS 880-116431/2-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116431

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	849.0		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1098		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*142*	*S1+*	*70 - 130*
o-Terphenyl	*136*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-116431/3-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116431

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	827.5		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1089		mg/Kg		109	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*142*	*S1+*	*70 - 130*
o-Terphenyl	*136*	*S1+*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116488/1-A
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/13/25 18:10	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116488/2-A
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	242.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-116488/3-A
Matrix: Solid
Analysis Batch: 116533

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.3		mg/Kg		98	90 - 110	1	20

Lab Sample ID: MB 880-116485/1-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/14/25 03:01	1

Lab Sample ID: LCS 880-116485/2-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	240.9		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-116485/3-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.2		mg/Kg		100	90 - 110	4	20

Lab Sample ID: 890-8616-4 MS
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: TMW - 28 (10-15)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5.52	J	252	259.6		mg/Kg		101	90 - 110		

Lab Sample ID: 890-8616-4 MSD
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: TMW - 28 (10-15)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.52	J	252	254.8		mg/Kg		99	90 - 110	2	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

GC/MS VOA

Prep Batch: 254685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Total/NA	Solid	5035	
890-8616-2	TMW - 28 (0-5)	Total/NA	Solid	5035	
890-8616-3	TMW - 28 (5-10)	Total/NA	Solid	5035	
890-8616-4	TMW - 28 (10-15)	Total/NA	Solid	5035	
890-8616-5	TMW - 28 (15-20)	Total/NA	Solid	5035	
890-8616-6	TMW - 28 (20-25)	Total/NA	Solid	5035	
890-8616-7	TMW - 28 (25-30)	Total/NA	Solid	5035	
890-8616-8	TMW - 28 (30-35)	Total/NA	Solid	5035	
890-8616-9	TMW - 28 (35-40)	Total/NA	Solid	5035	
890-8616-10	TMW - 28 (40-45)	Total/NA	Solid	5035	
890-8616-11	TMW - 28 (45-50)	Total/NA	Solid	5035	
890-8616-12	TMW - 28 (50-55)	Total/NA	Solid	5035	
890-8616-13	TMW - 28 (55-60)	Total/NA	Solid	5035	

Analysis Batch: 254713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Total/NA	Solid	8260D	254685
890-8616-2	TMW - 28 (0-5)	Total/NA	Solid	8260D	254685
890-8616-3	TMW - 28 (5-10)	Total/NA	Solid	8260D	254685
890-8616-4	TMW - 28 (10-15)	Total/NA	Solid	8260D	254685
890-8616-5	TMW - 28 (15-20)	Total/NA	Solid	8260D	254685
890-8616-6	TMW - 28 (20-25)	Total/NA	Solid	8260D	254685
MB 860-254713/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254713/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254713/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-8	TMW - 28 (30-35)	Total/NA	Solid	8260D	254685
890-8616-9	TMW - 28 (35-40)	Total/NA	Solid	8260D	254685
890-8616-10	TMW - 28 (40-45)	Total/NA	Solid	8260D	254685
890-8616-11	TMW - 28 (45-50)	Total/NA	Solid	8260D	254685
890-8616-12	TMW - 28 (50-55)	Total/NA	Solid	8260D	254685
MB 860-254795/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-254795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-7	TMW - 28 (25-30)	Total/NA	Solid	8260D	254685
MB 860-254798/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254798/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254798/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Total/NA	Solid	Total BTEX	
890-8616-2	TMW - 28 (0-5)	Total/NA	Solid	Total BTEX	
890-8616-3	TMW - 28 (5-10)	Total/NA	Solid	Total BTEX	
890-8616-4	TMW - 28 (10-15)	Total/NA	Solid	Total BTEX	
890-8616-5	TMW - 28 (15-20)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

GC/MS VOA (Continued)

Analysis Batch: 254974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-6	TMW - 28 (20-25)	Total/NA	Solid	Total BTEX	
890-8616-7	TMW - 28 (25-30)	Total/NA	Solid	Total BTEX	
890-8616-8	TMW - 28 (30-35)	Total/NA	Solid	Total BTEX	
890-8616-9	TMW - 28 (35-40)	Total/NA	Solid	Total BTEX	
890-8616-10	TMW - 28 (40-45)	Total/NA	Solid	Total BTEX	
890-8616-11	TMW - 28 (45-50)	Total/NA	Solid	Total BTEX	
890-8616-12	TMW - 28 (50-55)	Total/NA	Solid	Total BTEX	
890-8616-13	TMW - 28 (55-60)	Total/NA	Solid	Total BTEX	

Analysis Batch: 255082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-13	TMW - 28 (55-60)	Total/NA	Solid	8260D	254685
MB 860-255082/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-255082/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255082/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC Semi VOA

Prep Batch: 116431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Total/NA	Solid	8015NM Prep	
890-8616-2	TMW - 28 (0-5)	Total/NA	Solid	8015NM Prep	
890-8616-3	TMW - 28 (5-10)	Total/NA	Solid	8015NM Prep	
890-8616-4	TMW - 28 (10-15)	Total/NA	Solid	8015NM Prep	
890-8616-5	TMW - 28 (15-20)	Total/NA	Solid	8015NM Prep	
890-8616-6	TMW - 28 (20-25)	Total/NA	Solid	8015NM Prep	
890-8616-7	TMW - 28 (25-30)	Total/NA	Solid	8015NM Prep	
890-8616-8	TMW - 28 (30-35)	Total/NA	Solid	8015NM Prep	
890-8616-9	TMW - 28 (35-40)	Total/NA	Solid	8015NM Prep	
890-8616-10	TMW - 28 (40-45)	Total/NA	Solid	8015NM Prep	
890-8616-11	TMW - 28 (45-50)	Total/NA	Solid	8015NM Prep	
890-8616-12	TMW - 28 (50-55)	Total/NA	Solid	8015NM Prep	
890-8616-13	TMW - 28 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116431/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116431/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116431/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Total/NA	Solid	8015B NM	116431
890-8616-2	TMW - 28 (0-5)	Total/NA	Solid	8015B NM	116431
890-8616-3	TMW - 28 (5-10)	Total/NA	Solid	8015B NM	116431
890-8616-4	TMW - 28 (10-15)	Total/NA	Solid	8015B NM	116431
890-8616-5	TMW - 28 (15-20)	Total/NA	Solid	8015B NM	116431
890-8616-6	TMW - 28 (20-25)	Total/NA	Solid	8015B NM	116431
890-8616-7	TMW - 28 (25-30)	Total/NA	Solid	8015B NM	116431
890-8616-8	TMW - 28 (30-35)	Total/NA	Solid	8015B NM	116431
890-8616-9	TMW - 28 (35-40)	Total/NA	Solid	8015B NM	116431
890-8616-10	TMW - 28 (40-45)	Total/NA	Solid	8015B NM	116431
890-8616-11	TMW - 28 (45-50)	Total/NA	Solid	8015B NM	116431
890-8616-12	TMW - 28 (50-55)	Total/NA	Solid	8015B NM	116431

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

GC Semi VOA (Continued)

Analysis Batch: 116849 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-13	TMW - 28 (55-60)	Total/NA	Solid	8015B NM	116431
MB 880-116431/1-A	Method Blank	Total/NA	Solid	8015B NM	116431
LCS 880-116431/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116431
LCSD 880-116431/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116431

Analysis Batch: 116963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Total/NA	Solid	8015 NM	
890-8616-2	TMW - 28 (0-5)	Total/NA	Solid	8015 NM	
890-8616-3	TMW - 28 (5-10)	Total/NA	Solid	8015 NM	
890-8616-4	TMW - 28 (10-15)	Total/NA	Solid	8015 NM	
890-8616-5	TMW - 28 (15-20)	Total/NA	Solid	8015 NM	
890-8616-6	TMW - 28 (20-25)	Total/NA	Solid	8015 NM	
890-8616-7	TMW - 28 (25-30)	Total/NA	Solid	8015 NM	
890-8616-8	TMW - 28 (30-35)	Total/NA	Solid	8015 NM	
890-8616-9	TMW - 28 (35-40)	Total/NA	Solid	8015 NM	
890-8616-10	TMW - 28 (40-45)	Total/NA	Solid	8015 NM	
890-8616-11	TMW - 28 (45-50)	Total/NA	Solid	8015 NM	
890-8616-12	TMW - 28 (50-55)	Total/NA	Solid	8015 NM	
890-8616-13	TMW - 28 (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-4	TMW - 28 (10-15)	Soluble	Solid	DI Leach	
890-8616-5	TMW - 28 (15-20)	Soluble	Solid	DI Leach	
890-8616-6	TMW - 28 (20-25)	Soluble	Solid	DI Leach	
890-8616-7	TMW - 28 (25-30)	Soluble	Solid	DI Leach	
890-8616-8	TMW - 28 (30-35)	Soluble	Solid	DI Leach	
890-8616-9	TMW - 28 (35-40)	Soluble	Solid	DI Leach	
890-8616-10	TMW - 28 (40-45)	Soluble	Solid	DI Leach	
890-8616-11	TMW - 28 (45-50)	Soluble	Solid	DI Leach	
890-8616-12	TMW - 28 (50-55)	Soluble	Solid	DI Leach	
890-8616-13	TMW - 28 (55-60)	Soluble	Solid	DI Leach	
MB 880-116485/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116485/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116485/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8616-4 MS	TMW - 28 (10-15)	Soluble	Solid	DI Leach	
890-8616-4 MSD	TMW - 28 (10-15)	Soluble	Solid	DI Leach	

Leach Batch: 116488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Soluble	Solid	DI Leach	
890-8616-2	TMW - 28 (0-5)	Soluble	Solid	DI Leach	
890-8616-3	TMW - 28 (5-10)	Soluble	Solid	DI Leach	
MB 880-116488/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116488/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116488/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

HPLC/IC

Analysis Batch: 116533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-1	DUP - 4 - S	Soluble	Solid	300.0	116488
890-8616-2	TMW - 28 (0-5)	Soluble	Solid	300.0	116488
890-8616-3	TMW - 28 (5-10)	Soluble	Solid	300.0	116488
MB 880-116488/1-A	Method Blank	Soluble	Solid	300.0	116488
LCS 880-116488/2-A	Lab Control Sample	Soluble	Solid	300.0	116488
LCSD 880-116488/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116488

Analysis Batch: 116537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8616-4	TMW - 28 (10-15)	Soluble	Solid	300.0	116485
890-8616-5	TMW - 28 (15-20)	Soluble	Solid	300.0	116485
890-8616-6	TMW - 28 (20-25)	Soluble	Solid	300.0	116485
890-8616-7	TMW - 28 (25-30)	Soluble	Solid	300.0	116485
890-8616-8	TMW - 28 (30-35)	Soluble	Solid	300.0	116485
890-8616-9	TMW - 28 (35-40)	Soluble	Solid	300.0	116485
890-8616-10	TMW - 28 (40-45)	Soluble	Solid	300.0	116485
890-8616-11	TMW - 28 (45-50)	Soluble	Solid	300.0	116485
890-8616-12	TMW - 28 (50-55)	Soluble	Solid	300.0	116485
890-8616-13	TMW - 28 (55-60)	Soluble	Solid	300.0	116485
MB 880-116485/1-A	Method Blank	Soluble	Solid	300.0	116485
LCS 880-116485/2-A	Lab Control Sample	Soluble	Solid	300.0	116485
LCSD 880-116485/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116485
890-8616-4 MS	TMW - 28 (10-15)	Soluble	Solid	300.0	116485
890-8616-4 MSD	TMW - 28 (10-15)	Soluble	Solid	300.0	116485

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: DUP - 4 - S

Lab Sample ID: 890-8616-1
Matrix: Solid
Date Collected: 08/08/25 08:45
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254713	08/13/25 04:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 04:12	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 17:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 17:37	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 21:42	CS	EET MID

Client Sample ID: TMW - 28 (0-5)

Lab Sample ID: 890-8616-2
Matrix: Solid
Date Collected: 08/08/25 08:47
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 04:33	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 04:33	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 17:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 17:57	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 21:50	CS	EET MID

Client Sample ID: TMW - 28 (5-10)

Lab Sample ID: 890-8616-3
Matrix: Solid
Date Collected: 08/08/25 08:49
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254713	08/13/25 04:54	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 04:54	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 18:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 18:18	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116488	08/12/25 11:03	SI	EET MID
Soluble	Analysis	300.0		1			116533	08/13/25 21:58	CS	EET MID

Client Sample ID: TMW - 28 (10-15)

Lab Sample ID: 890-8616-4
Matrix: Solid
Date Collected: 08/08/25 08:52
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254713	08/13/25 05:15	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 05:15	RJT	EET HOU

Eurofins Carlsbad

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (10-15)
Date Collected: 08/08/25 08:52
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116963	08/16/25 18:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 18:38	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 05:11	CS	EET MID

Client Sample ID: TMW - 28 (15-20)
Date Collected: 08/08/25 08:54
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 05:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 05:36	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 18:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 18:59	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 05:33	CS	EET MID

Client Sample ID: TMW - 28 (20-25)
Date Collected: 08/08/25 08:56
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/13/25 05:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 05:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 19:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 19:39	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 05:41	CS	EET MID

Client Sample ID: TMW - 28 (25-30)
Date Collected: 08/08/25 08:58
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 15:14	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 15:14	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 20:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 20:00	SA	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (25-30)
Date Collected: 08/08/25 08:58
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 06:04	CS	EET MID

Client Sample ID: TMW - 28 (30-35)
Date Collected: 08/08/25 09:00
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 13:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 13:18	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 20:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 20:20	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 06:11	CS	EET MID

Client Sample ID: TMW - 28 (35-40)
Date Collected: 08/08/25 09:02
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 13:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 13:41	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 20:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 20:40	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 06:19	CS	EET MID

Client Sample ID: TMW - 28 (40-45)
Date Collected: 08/08/25 09:04
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8616-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 14:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 14:04	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 21:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 21:01	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 06:27	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Client Sample ID: TMW - 28 (45-50)

Lab Sample ID: 890-8616-11
Matrix: Solid
Date Collected: 08/08/25 09:06
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 14:26	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 14:26	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 21:21	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 06:34	CS	EET MID

Client Sample ID: TMW - 28 (50-55)

Lab Sample ID: 890-8616-12
Matrix: Solid
Date Collected: 08/08/25 09:08
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 14:49	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/13/25 14:49	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 21:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 21:42	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 06:42	CS	EET MID

Client Sample ID: TMW - 28 (55-60)

Lab Sample ID: 890-8616-13
Matrix: Solid
Date Collected: 08/08/25 09:10
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 18:50	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254974	08/14/25 18:50	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116963	08/16/25 22:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 22:03	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 06:49	CS	EET MID

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8616-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8616-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8616-1	DUP - 4 - S	Solid	08/08/25 08:45	08/11/25 10:20	Texas
890-8616-2	TMW - 28 (0-5)	Solid	08/08/25 08:47	08/11/25 10:20	Texas
890-8616-3	TMW - 28 (5-10)	Solid	08/08/25 08:49	08/11/25 10:20	Texas
890-8616-4	TMW - 28 (10-15)	Solid	08/08/25 08:52	08/11/25 10:20	Texas
890-8616-5	TMW - 28 (15-20)	Solid	08/08/25 08:54	08/11/25 10:20	Texas
890-8616-6	TMW - 28 (20-25)	Solid	08/08/25 08:56	08/11/25 10:20	Texas
890-8616-7	TMW - 28 (25-30)	Solid	08/08/25 08:58	08/11/25 10:20	Texas
890-8616-8	TMW - 28 (30-35)	Solid	08/08/25 09:00	08/11/25 10:20	Texas
890-8616-9	TMW - 28 (35-40)	Solid	08/08/25 09:02	08/11/25 10:20	Texas
890-8616-10	TMW - 28 (40-45)	Solid	08/08/25 09:04	08/11/25 10:20	Texas
890-8616-11	TMW - 28 (45-50)	Solid	08/08/25 09:06	08/11/25 10:20	Texas
890-8616-12	TMW - 28 (50-55)	Solid	08/08/25 09:08	08/11/25 10:20	Texas
890-8616-13	TMW - 28 (55-60)	Solid	08/08/25 09:10	08/11/25 10:20	Texas

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3, N - None, S - H2SO4, A - HCL, B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			Other:

Analysis Requested

890-8616 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	8260B_GRGCFM_28D_601_5HP8_NM	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
						N		
DUP-4-5	8/8/25	8:45	C	Soil		X	1	
TMW-28 (0-5)	8/8/25	8:47	C	Soil		X	1	
TMW-28 (5-10)	8/8/25	8:49	C	Soil		X	1	
TMW-28 (10-15)	8/8/25	8:52	C	Soil		X	1	
TMW-28 (15-20)	8/8/25	8:54	C	Soil		X	1	
TMW-28 (20-25)	8/8/25	8:56	C	Soil		X	1	
TMW-28 (25-30)	8/8/25	8:58	C	Soil		X	1	
TMW-28 (30-35)	8/8/25	9:00	C	Soil		X	1	
TMW-28 (35-40)	8/8/25	9:02	C	Soil		X	1	
TMW-28 (~~SAME~~ 40-45)	8/8/25	9:04	C	Soil		X	1	
TMW-28 (45-50)	8/8/25	9:06	C	Soil		X	1	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/09/25 0435			8/9/25 1030	
2		8/11/25 1010			8/11 1020	
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: Tmocf -0.2 5.4 5.2

Ver: 05/06/2024

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	300_ORGFM_28D_8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
						N		
TMW-28 (50-55)	8/8/25	9:08	C	Soil		X		
TMW-28 (55-60)	8/8/25	9:10	C	Soil		X		
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/09/25 0435		ACummings	8/9/25 1035	
2	ACummings	8/11/25 1010		Brunt	8/11 1022	
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: Tmeas -0.2 5.4 5.2

Ver: 05/06/2024

8/25/2025
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Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8616-1

Login Number: 8616 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8616-1

Login Number: 8616
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/12/25 12:44 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8616-1

Login Number: 8616
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/12/25 09:46 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/18/2025 2:19:36 PM Revision 2

JOB DESCRIPTION

EBDU 37

JOB NUMBER

880-61361-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Eurofins Midland

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/18/2025 2:19:36 PM
Revision 2

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project: EBDU 37

Job ID: 880-61361-1 Eurofins Midland

Job Narrative
880-61361-1

REVISION

The report being provided is a revision of the original report sent on 8/28/2025. The report (revision 2) is being revised due to Revised report to verify results for sample 36 per client request. After several re-runs and re-extractions the lab has determined the original detection was not TPH. The original result has been corrected and one of the several re-runs of data is also included here as secondary data to support this decision

Report revision history
Revision 1 - 8/28/2025 - Reason - Revised report to correct transcription error from the COC..

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

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

Receipt
The samples were received on 8/12/2025 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

GC/MS VOA
Method 8260D: Samples are in a bulk jar

TMW-34 (5-10) (880-61361-15), TMW-34 (10-15) (880-61361-16), TMW-34 (15-20) (880-61361-17), TMW-34 (20-25) (880-61361-18), TMW-36 (50-55) (880-61361-81), SB-2 (40) (880-61361-82) and SB-2 (50) (880-61361-84)

Method 8260D: Sample is in a bulk jar.

TMW-34 (85-90) (880-61361-31), TMW-36 (55-60) (880-61361-32), TMW-36 (60-65) (880-61361-33), TMW-36 (70-75) (880-61361-35), TMW-36 (20-25) (880-61361-75), TMW-36 (30-35) (880-61361-77), TMW-36 (35-40) (880-61361-78), TMW-36 (40-45) (880-61361-79), TMW-36 (45-50) (880-61361-80) and SB-2 (45) (880-61361-83)

Method 8260D: Sample is in a bulk jar.

TMW-34 (55-60) (880-61361-25), TMW-34 (60-65) (880-61361-26), TMW-34 (65-70) (880-61361-27), TMW-34 (70-75) (880-61361-28), TMW-34 (75-80) (880-61361-29), TMW-34 (80-85) (880-61361-30), TMW-36 (65-70) (880-61361-34), TMW-36 (75-80) (880-61361-36), TMW-31 (0-5) (880-61361-37), TMW-31 (5-10) (880-61361-38), TMW-30 (75-80) (880-61361-69), TMW-30 (80-85) (880-61361-70), TMW-36 (0-5) (880-61361-71), TMW-36 (5-10) (880-61361-72), TMW-36 (10-15) (880-61361-73), TMW-36 (15-20) (880-61361-74), TMW-36 (25-30) (880-61361-76), SB-2 (35) (880-61361-97), SB-1 (50) (880-61361-99) and SB-1 (05) (880-61361-100)

Method 8260D: Sample is in a bulk jar.

SB-1 (01) (880-61361-98), SB-1 (10) (880-61361-101), SB-1 (15) (880-61361-102), SB-1 (20) (880-61361-103), SB-1 (30) (880-61361-105) and SB-1 (35) (880-61361-106)

Method 8260D: The following samples were diluted due to it being rocks: TMW-30 (0-5) (880-61361-54) and SB-2 (6) (880-61361-88). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project: EBDU 37

Job ID: 880-61361-1 (Continued) Eurofins Midland

Method 8260D: Sample is in a bulk jar.

TMW-31 (15-20) (880-61361-40), TMW-31 (20-25) (880-61361-41), TMW-31 (25-30) (880-61361-42), TMW-31 (30-35) (880-61361-43), TMW-31 (35-40) (880-61361-44), TMW-31 (40-45) (880-61361-45), TMW-31 (45-50) (880-61361-46), TMW-31 (50-55) (880-61361-47), TMW-31 (55-60) (880-61361-48), TMW-31 (60-65) (880-61361-49), TMW-31 (65-70) (880-61361-50), TMW-31 (70-75) (880-61361-51), TMW-31 (75-80) (880-61361-52), DUP-6-S (880-61361-53), TMW-30 (35-40) (880-61361-61), TMW-30 (40-45) (880-61361-62), DUP-7-S (880-61361-86) and SB-2 (8) (880-61361-89)

Method 8260D: The following samples were diluted due to it being rocks: SB-2 (4-4.5) (880-61361-87) and SB-2 (2.5-3) (880-61361-109). Elevated reporting limits (RL) are provided. Sample prepped with methanol from a bulk jar.

Method 8260D: Sample is in a bulk jar.

TMW-30 (15-20) (880-61361-57), TMW-30 (20-25) (880-61361-58), SB-2 (10) (880-61361-90), SB-1 (40) (880-61361-107), SB-1 (45) (880-61361-108), SB-2 (2.5-3) (880-61361-109) and SB-2 (30) (880-61361-110)

Method 8260D: Sample is in a bulk jar.

TMW-37 (0-5) (880-61361-2), TMW-37 (5-10) (880-61361-3), TMW-37 (15-20) (880-61361-5), TMW-37 (20-25) (880-61361-6), TMW-37 (25-30) (880-61361-7), TMW-37 (30-35) (880-61361-8) and TMW-30 (5-10) (880-61361-55)

Method 8260D: Sample is in a bulk jar.

TMW-37 (10-15) (880-61361-4), TMW-34 (15-20) (880-61361-17), TMW-30 (10-15) (880-61361-56), TMW-30 (25-30) (880-61361-59), TMW-30 (30-35) (880-61361-60) and SB-2 (0-2.5) (880-61361-85)

Method 8260D: Sample is in a bulk jar.

TMW-30 (45-50) (880-61361-63), TMW-30 (50-55) (880-61361-64), TMW-30 (55-60) (880-61361-65), TMW-30 (60-65) (880-61361-66), TMW-30 (65-70) (880-61361-67), SB-2 (12) (880-61361-91), SB-2 (15) (880-61361-92), SB-2 (18) (880-61361-93), DUP8-S (880-61361-94) and SB-2 (25) (880-61361-96)

Method 8260D: Sample is in a bulk jar.

TMW-37 (45-50) (880-61361-11), TMW-37 (50-55) (880-61361-12), TMW-37 (55-60) (880-61361-13), TMW-34 (0-5) (880-61361-14), TMW-34 (25-30) (880-61361-19), TMW-34 (30-35) (880-61361-20), TMW-34 (35-40) (880-61361-21), TMW-34 (40-45) (880-61361-22), TMW-34 (45-50) (880-61361-23) and TMW-34 (50-55) (880-61361-24)

Method 8260D: The following sample was diluted due to the nature of the sample matrix: DUP-5-S (880-61361-1). Elevated reporting limits (RLs) are provided.

Method 8260D: Samples are in a bulk jar

TMW-37 (35-40) (880-61361-9), TMW-37 (40-45) (880-61361-10), TMW-31 (10-15) (880-61361-39), TMW-30 (70-75) (880-61361-68) and SB-2 (20) (880-61361-95)

Method 8260D: Sample is in a bulk jar.

SB-1 (25) (880-61361-104)

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: TMW-36 (70-75) (880-61361-35). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The method blank for preparation batch 880-116431 and analytical batch 880-116849 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Eurofins Midland

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project: EBDU 37

Job ID: 880-61361-1 (Continued) Eurofins Midland

Method 8015MOD_NM: The method blank for preparation batch 880-116506 and analytical batch 880-116849 contained Diesel Range Organics (Over C10-C28) and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-116849 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated samples are:(CCV 880-116849/70) and (CCV 880-116849/97).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-116431/2-A), (LCS 880-116506/2-A), (LCSD 880-116431/3-A) and (LCSD 880-116506/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116431 and 880-116506 and analytical batch 880-116849 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TMW-30 (20-25) (880-61361-58), TMW-30 (25-30) (880-61361-59) and TMW-30 (30-35) (880-61361-60). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-116509 and analytical batch 880-116921 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The method blank for preparation batch 880-116509 and analytical batch 880-116921 contained Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SB-2 (4-4.5) (880-61361-87). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-118687/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Reanalysis of the following sample was performed outside of the analytical holding time.: TMW-36 (75-80) (880-61361-36).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-60970-A-32-C MB). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The original sample analysis had a contaminant that was reported as TPH but does not appear to be such based off the chromatography. The sample was reanalyzed out of hold and was reported as secondary.

TMW-36 (75-80) (880-61361-36)

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116501 and analytical batch 880-116601 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116502 and analytical batch 880-116610 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: DUP-5-S

Lab Sample ID: 880-61361-1
Matrix: Solid
Date Collected: 08/09/25 08:28
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0191	U	0.0499	0.0191	mg/Kg		08/13/25 14:50	08/16/25 15:28	50
Toluene	<0.0604	U	0.250	0.0604	mg/Kg		08/13/25 14:50	08/16/25 15:28	50
Ethylbenzene	<0.0152	U	0.0499	0.0152	mg/Kg		08/13/25 14:50	08/16/25 15:28	50
m,p-Xylenes	<0.0216	U	0.0998	0.0216	mg/Kg		08/13/25 14:50	08/16/25 15:28	50
o-Xylene	<0.0158	U	0.0499	0.0158	mg/Kg		08/13/25 14:50	08/16/25 15:28	50
Xylenes, Total	<0.0216	U	0.0998	0.0216	mg/Kg		08/13/25 14:50	08/16/25 15:28	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*08/13/25 14:50*	*08/16/25 15:28*	*50*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/16/25 15:28*	*50*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:50*	*08/16/25 15:28*	*50*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:50*	*08/16/25 15:28*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0216	U	0.0998	0.0216	mg/Kg			08/16/25 15:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 00:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 00:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 00:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*90*		*70 - 130*	*08/12/25 12:58*	*08/17/25 00:28*	*1*
o-Terphenyl	*93*		*70 - 130*	*08/12/25 12:58*	*08/17/25 00:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.5**		9.96	0.393	mg/Kg			08/14/25 08:05	1

Client Sample ID: TMW-37 (0-5)

Lab Sample ID: 880-61361-2
Matrix: Solid
Date Collected: 08/09/25 08:30
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 20:21	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 20:21	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 20:21	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 20:21	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 20:21	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*56 - 150*	*08/13/25 14:50*	*08/14/25 20:21*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (0-5)

Lab Sample ID: 880-61361-2
Matrix: Solid
Date Collected: 08/09/25 08:30
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*	*08/13/25 14:50*	*08/14/25 20:21*	*1*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/13/25 14:50*	*08/14/25 20:21*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/14/25 20:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 20:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 01:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 01:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 01:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:58*	*08/17/25 01:29*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/12/25 12:58*	*08/17/25 01:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.9**		10.0	0.395	mg/Kg			08/14/25 08:28	1

Client Sample ID: TMW-37 (5-10)

Lab Sample ID: 880-61361-3
Matrix: Solid
Date Collected: 08/09/25 08:32
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 20:44	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 20:44	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 20:44	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 20:44	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 20:44	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*56 - 150*	*08/13/25 14:50*	*08/14/25 20:44*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/13/25 14:50*	*08/14/25 20:44*	*1*
Dibromofluoromethane (Surr)	*75*		*53 - 142*	*08/13/25 14:50*	*08/14/25 20:44*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/14/25 20:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 20:44	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (5-10)

Lab Sample ID: 880-61361-3
Matrix: Solid
Date Collected: 08/09/25 08:32
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 01:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 01:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 01:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*08/12/25 12:58*	*08/17/25 01:49*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:58*	*08/17/25 01:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.8**		10.0	0.397	mg/Kg			08/14/25 08:36	1

Client Sample ID: TMW-37 (10-15)

Lab Sample ID: 880-61361-4
Matrix: Solid
Date Collected: 08/09/25 08:34
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 18:12	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 18:12	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 18:12	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 18:12	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 18:12	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:50*	*08/14/25 18:12*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 18:12*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/14/25 18:12*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:50*	*08/14/25 18:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 18:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 02:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 02:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 02:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 02:09	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (10-15)

Lab Sample ID: 880-61361-4
Matrix: Solid
Date Collected: 08/09/25 08:34
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/12/25 12:58*	*08/17/25 02:09*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/12/25 12:58*	*08/17/25 02:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.7**		10.1	0.398	mg/Kg			08/14/25 08:43	1

Client Sample ID: TMW-37 (15-20)

Lab Sample ID: 880-61361-5
Matrix: Solid
Date Collected: 08/09/25 08:36
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 19:58	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 19:58	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 19:58	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:58	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 19:58	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*	*08/13/25 14:50*	*08/14/25 19:58*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/13/25 14:50*	*08/14/25 19:58*	*1*
Dibromofluoromethane (Surr)	*83*		*53 - 142*	*08/13/25 14:50*	*08/14/25 19:58*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/14/25 19:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 19:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 02:30	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 02:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 02:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/12/25 12:58*	*08/17/25 02:30*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/12/25 12:58*	*08/17/25 02:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.7**		9.94	0.393	mg/Kg			08/14/25 08:51	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (20-25)

Lab Sample ID: 880-61361-6
Matrix: Solid
Date Collected: 08/09/25 08:38
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 21:06	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 21:06	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 21:06	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 21:06	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 21:06	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/13/25 14:50*	*08/14/25 21:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:50*	*08/14/25 21:06*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:50*	*08/14/25 21:06*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/14/25 21:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 21:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 02:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 02:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 02:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*08/12/25 12:58*	*08/17/25 02:51*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/12/25 12:58*	*08/17/25 02:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.90**	**J**	9.98	0.394	mg/Kg			08/14/25 09:14	1

Client Sample ID: TMW-37 (25-30)

Lab Sample ID: 880-61361-7
Matrix: Solid
Date Collected: 08/09/25 08:40
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 19:35	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 19:35	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 19:35	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:35	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 19:35	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*56 - 150*	*08/13/25 14:50*	*08/14/25 19:35*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (25-30)

Lab Sample ID: 880-61361-7
Matrix: Solid
Date Collected: 08/09/25 08:40
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/13/25 14:50*	*08/14/25 19:35*	*1*
Dibromofluoromethane (Surr)	*79*		*53 - 142*	*08/13/25 14:50*	*08/14/25 19:35*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/14/25 19:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 19:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 03:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 03:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 03:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/12/25 12:58*	*08/17/25 03:11*	*1*
o-Terphenyl	*100*		*70 - 130*	*08/12/25 12:58*	*08/17/25 03:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.58	J	10.0	0.395	mg/Kg			08/14/25 09:21	1

Client Sample ID: TMW-37 (30-35)

Lab Sample ID: 880-61361-8
Matrix: Solid
Date Collected: 08/09/25 08:42
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 19:13	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 19:13	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 19:13	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:13	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 19:13	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*56 - 150*	*08/13/25 14:50*	*08/14/25 19:13*	*1*
4-Bromofluorobenzene (Surr)	*102*		*68 - 152*	*08/13/25 14:50*	*08/14/25 19:13*	*1*
Dibromofluoromethane (Surr)	*80*		*53 - 142*	*08/13/25 14:50*	*08/14/25 19:13*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:50*	*08/14/25 19:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 19:13	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (30-35)

Lab Sample ID: 880-61361-8
Matrix: Solid
Date Collected: 08/09/25 08:42
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 03:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 03:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 03:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 03:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 12:58*	*08/17/25 03:32*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/12/25 12:58*	*08/17/25 03:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.42	J	10.0	0.397	mg/Kg			08/14/25 09:29	1

Client Sample ID: TMW-37 (35-40)

Lab Sample ID: 880-61361-9
Matrix: Solid
Date Collected: 08/09/25 08:44
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/16/25 13:57	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/16/25 13:57	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/16/25 13:57	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/16/25 13:57	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/16/25 13:57	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/16/25 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*	*08/13/25 14:50*	*08/16/25 13:57*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/13/25 14:50*	*08/16/25 13:57*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*	*08/13/25 14:50*	*08/16/25 13:57*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/16/25 13:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/16/25 13:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 03:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 03:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 03:52	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (35-40)

Lab Sample ID: 880-61361-9
Matrix: Solid
Date Collected: 08/09/25 08:44
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/12/25 12:58*	*08/17/25 03:52*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/12/25 12:58*	*08/17/25 03:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.95	J	9.92	0.392	mg/Kg			08/14/25 12:01	1

Client Sample ID: TMW-37 (40-45)

Lab Sample ID: 880-61361-10
Matrix: Solid
Date Collected: 08/09/25 08:46
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:50	08/16/25 14:20	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:50	08/16/25 14:20	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:50	08/16/25 14:20	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:50	08/16/25 14:20	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:50	08/16/25 14:20	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:50	08/16/25 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*56 - 150*	*08/13/25 14:50*	*08/16/25 14:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:50*	*08/16/25 14:20*	*1*
Dibromofluoromethane (Surr)	*80*		*53 - 142*	*08/13/25 14:50*	*08/16/25 14:20*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/16/25 14:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/16/25 14:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 04:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 04:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/12/25 12:58*	*08/17/25 04:13*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/12/25 12:58*	*08/17/25 04:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.98	J	9.96	0.393	mg/Kg			08/14/25 12:08	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (45-50)

Lab Sample ID: 880-61361-11
Matrix: Solid
Date Collected: 08/09/25 08:48
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/15/25 13:55	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/15/25 13:55	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/15/25 13:55	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 13:55	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/15/25 13:55	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*	*08/13/25 14:50*	*08/15/25 13:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/15/25 13:55*	*1*
Dibromofluoromethane (Surr)	*83*		*53 - 142*	*08/13/25 14:50*	*08/15/25 13:55*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/15/25 13:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/15/25 13:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 18:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*08/17/25 17:35*	*08/18/25 18:44*	*1*
o-Terphenyl	*123*		*70 - 130*	*08/17/25 17:35*	*08/18/25 18:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.75**	**J**	10.1	0.398	mg/Kg			08/14/25 12:16	1

Client Sample ID: TMW-37 (50-55)

Lab Sample ID: 880-61361-12
Matrix: Solid
Date Collected: 08/09/25 08:50
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:50	08/15/25 14:18	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:50	08/15/25 14:18	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:50	08/15/25 14:18	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/15/25 14:18	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:50	08/15/25 14:18	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/15/25 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*	*08/13/25 14:50*	*08/15/25 14:18*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (50-55)

Lab Sample ID: 880-61361-12
Matrix: Solid
Date Collected: 08/09/25 08:50
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:50*	*08/15/25 14:18*	*1*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/13/25 14:50*	*08/15/25 14:18*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/15/25 14:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/15/25 14:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 18:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 18:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 18:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/17/25 17:35	08/18/25 18:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/17/25 17:35*	*08/18/25 18:59*	*1*
o-Terphenyl	*122*		*70 - 130*	*08/17/25 17:35*	*08/18/25 18:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.6**		9.94	0.393	mg/Kg			08/14/25 12:39	1

Client Sample ID: TMW-37 (55-60)

Lab Sample ID: 880-61361-13
Matrix: Solid
Date Collected: 08/09/25 08:52
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/15/25 14:40	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/15/25 14:40	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/15/25 14:40	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 14:40	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/15/25 14:40	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*	*08/13/25 14:50*	*08/15/25 14:40*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/15/25 14:40*	*1*
Dibromofluoromethane (Surr)	*83*		*53 - 142*	*08/13/25 14:50*	*08/15/25 14:40*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/15/25 14:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/15/25 14:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (55-60)

Lab Sample ID: 880-61361-13
Matrix: Solid
Date Collected: 08/09/25 08:52
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 19:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 19:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 19:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/17/25 17:35*	*08/18/25 19:14*	*1*
o-Terphenyl	*116*		*70 - 130*	*08/17/25 17:35*	*08/18/25 19:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.2**		9.92	0.392	mg/Kg			08/14/25 12:46	1

Client Sample ID: TMW-34 (0-5)

Lab Sample ID: 880-61361-14
Matrix: Solid
Date Collected: 08/10/25 11:15
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/15/25 15:03	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/15/25 15:03	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/15/25 15:03	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 15:03	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/15/25 15:03	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*	*08/13/25 14:50*	*08/15/25 15:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*08/13/25 14:50*	*08/15/25 15:03*	*1*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*08/13/25 14:50*	*08/15/25 15:03*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/15/25 15:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/15/25 15:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 19:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 19:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 19:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 19:29	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (0-5)

Lab Sample ID: 880-61361-14
Matrix: Solid
Date Collected: 08/10/25 11:15
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*08/17/25 17:35*	*08/18/25 19:29*	*1*
o-Terphenyl	*114*		*70 - 130*	*08/17/25 17:35*	*08/18/25 19:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.0**		9.92	0.392	mg/Kg			08/14/25 13:09	1

Client Sample ID: TMW-34 (5-10)

Lab Sample ID: 880-61361-15
Matrix: Solid
Date Collected: 08/10/25 11:17
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00101	0.000385	mg/Kg		08/13/25 14:21	08/13/25 17:45	1
Toluene	<0.00122	U	0.00503	0.00122	mg/Kg		08/13/25 14:21	08/13/25 17:45	1
Ethylbenzene	<0.000306	U	0.00101	0.000306	mg/Kg		08/13/25 14:21	08/13/25 17:45	1
m,p-Xylenes	<0.000436	U	0.00201	0.000436	mg/Kg		08/13/25 14:21	08/13/25 17:45	1
o-Xylene	<0.000318	U	0.00101	0.000318	mg/Kg		08/13/25 14:21	08/13/25 17:45	1
Xylenes, Total	<0.000436	U	0.00201	0.000436	mg/Kg		08/13/25 14:21	08/13/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*08/13/25 14:21*	*08/13/25 17:45*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:21*	*08/13/25 17:45*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:21*	*08/13/25 17:45*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:21*	*08/13/25 17:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000436	U	0.00201	0.000436	mg/Kg			08/13/25 17:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 19:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 19:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 19:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*08/17/25 17:35*	*08/18/25 19:44*	*1*
o-Terphenyl	*117*		*70 - 130*	*08/17/25 17:35*	*08/18/25 19:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**237**		9.90	0.391	mg/Kg			08/14/25 13:16	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (10-15)

Lab Sample ID: 880-61361-16
Matrix: Solid
Date Collected: 08/10/25 11:19
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/13/25 17:20	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/13/25 17:20	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/13/25 17:20	1
m,p-Xylenes	**0.000583**	**J**	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/13/25 17:20	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/13/25 17:20	1
Xylenes, Total	**0.000583**	**J**	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/13/25 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/13/25 14:21*	*08/13/25 17:20*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:21*	*08/13/25 17:20*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:21*	*08/13/25 17:20*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:21*	*08/13/25 17:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.000583**	**J**	0.00199	0.000431	mg/Kg			08/13/25 17:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 20:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 20:00	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 20:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/17/25 17:35	08/18/25 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*08/17/25 17:35*	*08/18/25 20:00*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/17/25 17:35*	*08/18/25 20:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		10.1	0.397	mg/Kg			08/14/25 13:24	1

Client Sample ID: TMW-34 (15-20)

Lab Sample ID: 880-61361-17
Matrix: Solid
Date Collected: 08/10/25 11:21
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 18:35	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 18:35	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 18:35	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 18:35	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 18:35	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:21*	*08/13/25 18:35*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (15-20)

Lab Sample ID: 880-61361-17
Matrix: Solid
Date Collected: 08/10/25 11:21
Date Received: 08/12/25 10:15

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*08/14/25 17:12*	*08/14/25 20:17*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/13/25 14:21*	*08/13/25 18:35*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/14/25 17:12*	*08/14/25 20:17*	*1*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*08/13/25 14:21*	*08/13/25 18:35*	*1*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*08/14/25 17:12*	*08/14/25 20:17*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:21*	*08/13/25 18:35*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/14/25 17:12*	*08/14/25 20:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 18:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 20:14	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 20:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 20:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*107*		*70 - 130*	*08/17/25 17:35*	*08/18/25 20:14*	*1*
o-Terphenyl	*117*		*70 - 130*	*08/17/25 17:35*	*08/18/25 20:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.1**		10.1	0.399	mg/Kg			08/14/25 13:32	1

Client Sample ID: TMW-34 (20-25)

Lab Sample ID: 880-61361-18
Matrix: Solid
Date Collected: 08/10/25 11:23
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 18:10	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 18:10	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 18:10	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 18:10	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 18:10	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*08/13/25 14:21*	*08/13/25 18:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:21*	*08/13/25 18:10*	*1*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*08/13/25 14:21*	*08/13/25 18:10*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:21*	*08/13/25 18:10*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (20-25)

Lab Sample ID: 880-61361-18
Matrix: Solid
Date Collected: 08/10/25 11:23
Date Received: 08/12/25 10:15

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 18:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 12:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 06:52	08/19/25 12:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 06:52	08/19/25 12:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 06:52	08/19/25 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*08/19/25 06:52*	*08/19/25 12:13*	*1*
o-Terphenyl	*88*		*70 - 130*	*08/19/25 06:52*	*08/19/25 12:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.5**		9.94	0.393	mg/Kg			08/14/25 13:39	1

Client Sample ID: TMW-34 (25-30)

Lab Sample ID: 880-61361-19
Matrix: Solid
Date Collected: 08/10/25 11:25
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/15/25 15:26	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/15/25 15:26	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/15/25 15:26	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 15:26	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/15/25 15:26	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*	*08/13/25 14:50*	*08/15/25 15:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/15/25 15:26*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:50*	*08/15/25 15:26*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/15/25 15:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/15/25 15:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 12:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 06:52	08/19/25 12:28	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (25-30)

Lab Sample ID: 880-61361-19
Matrix: Solid
Date Collected: 08/10/25 11:25
Date Received: 08/12/25 10:15

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 06:52	08/19/25 12:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 06:52	08/19/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*08/19/25 06:52*	*08/19/25 12:28*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/19/25 06:52*	*08/19/25 12:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**68.0**		9.96	0.393	mg/Kg			08/14/25 13:47	1

Client Sample ID: TMW-34 (30-35)

Lab Sample ID: 880-61361-20
Matrix: Solid
Date Collected: 08/10/25 11:27
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/15/25 15:49	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/15/25 15:49	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/15/25 15:49	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 15:49	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/15/25 15:49	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*08/13/25 14:50*	*08/15/25 15:49*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/13/25 14:50*	*08/15/25 15:49*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:50*	*08/15/25 15:49*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/15/25 15:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/15/25 15:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 12:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 12:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 12:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*08/19/25 06:52*	*08/19/25 12:43*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/19/25 06:52*	*08/19/25 12:43*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (30-35)

Lab Sample ID: 880-61361-20
Matrix: Solid
Date Collected: 08/10/25 11:27
Date Received: 08/12/25 10:15

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.5		10.1	0.398	mg/Kg			08/14/25 13:54	1

Client Sample ID: TMW-34 (35-40)

Lab Sample ID: 880-61361-21
Matrix: Solid
Date Collected: 08/10/25 11:30
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:50	08/15/25 16:11	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:50	08/15/25 16:11	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:50	08/15/25 16:11	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/15/25 16:11	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:50	08/15/25 16:11	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/15/25 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*56 - 150*	*08/13/25 14:50*	*08/15/25 16:11*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/15/25 16:11*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/15/25 16:11*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/15/25 16:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/15/25 16:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 06:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 06:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 06:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 12:58*	*08/17/25 06:53*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/12/25 12:58*	*08/17/25 06:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.7		10.1	0.397	mg/Kg			08/13/25 13:57	1

Client Sample ID: TMW-34 (40-45)

Lab Sample ID: 880-61361-22
Matrix: Solid
Date Collected: 08/10/25 11:32
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/15/25 16:34	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (40-45)

Lab Sample ID: 880-61361-22
Matrix: Solid
Date Collected: 08/10/25 11:32
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/15/25 16:34	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/15/25 16:34	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 16:34	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/15/25 16:34	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*	*08/13/25 14:50*	*08/15/25 16:34*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/15/25 16:34*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:50*	*08/15/25 16:34*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/15/25 16:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/15/25 16:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 07:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 07:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 07:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*08/12/25 12:58*	*08/17/25 07:39*	*1*
o-Terphenyl	*123*		*70 - 130*	*08/12/25 12:58*	*08/17/25 07:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.1**		10.0	0.397	mg/Kg			08/13/25 14:19	1

Client Sample ID: TMW-34 (45-50)

Lab Sample ID: 880-61361-23
Matrix: Solid
Date Collected: 08/10/25 11:34
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:50	08/15/25 16:57	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:50	08/15/25 16:57	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:50	08/15/25 16:57	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/15/25 16:57	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:50	08/15/25 16:57	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/15/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*	*08/13/25 14:50*	*08/15/25 16:57*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/15/25 16:57*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (45-50)

Lab Sample ID: 880-61361-23
Matrix: Solid
Date Collected: 08/10/25 11:34
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:50*	*08/15/25 16:57*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/15/25 16:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/15/25 16:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 07:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 07:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 07:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*08/12/25 12:58*	*08/17/25 07:54*	*1*
o-Terphenyl	*116*		*70 - 130*	*08/12/25 12:58*	*08/17/25 07:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.1**		10.1	0.399	mg/Kg			08/13/25 14:26	1

Client Sample ID: TMW-34 (50-55)

Lab Sample ID: 880-61361-24
Matrix: Solid
Date Collected: 08/10/25 11:36
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/15/25 17:20	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/15/25 17:20	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/15/25 17:20	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 17:20	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/15/25 17:20	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/15/25 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*	*08/13/25 14:50*	*08/15/25 17:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/15/25 17:20*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:50*	*08/15/25 17:20*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/15/25 17:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/15/25 17:20	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (50-55)

Lab Sample ID: 880-61361-24
Matrix: Solid
Date Collected: 08/10/25 11:36
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 08:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 08:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 08:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 12:58*	*08/17/25 08:09*	*1*
o-Terphenyl	*116*		*70 - 130*	*08/12/25 12:58*	*08/17/25 08:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.8**		9.96	0.393	mg/Kg			08/13/25 14:34	1

Client Sample ID: TMW-34 (55-60)

Lab Sample ID: 880-61361-25
Matrix: Solid
Date Collected: 08/10/25 11:38
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:21	08/13/25 23:22	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:21	08/13/25 23:22	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:21	08/13/25 23:22	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 23:22	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:21	08/13/25 23:22	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*08/13/25 14:21*	*08/13/25 23:22*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/13/25 14:21*	*08/13/25 23:22*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/13/25 14:21*	*08/13/25 23:22*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:21*	*08/13/25 23:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 23:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 08:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 08:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 08:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 08:24	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (55-60)

Lab Sample ID: 880-61361-25
Matrix: Solid
Date Collected: 08/10/25 11:38
Date Received: 08/12/25 10:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	08/12/25 12:58	08/17/25 08:24	1
o-Terphenyl	118		70 - 130	08/12/25 12:58	08/17/25 08:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.9		9.92	0.392	mg/Kg			08/13/25 14:41	1

Client Sample ID: TMW-34 (60-65)

Lab Sample ID: 880-61361-26
Matrix: Solid
Date Collected: 08/10/25 11:40
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:21	08/13/25 23:01	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:21	08/13/25 23:01	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:21	08/13/25 23:01	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/13/25 23:01	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:21	08/13/25 23:01	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/13/25 23:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		56 - 150	08/13/25 14:21	08/13/25 23:01	1
4-Bromofluorobenzene (Surr)	109		68 - 152	08/13/25 14:21	08/13/25 23:01	1
Dibromofluoromethane (Surr)	105		53 - 142	08/13/25 14:21	08/13/25 23:01	1
Toluene-d8 (Surr)	98		70 - 130	08/13/25 14:21	08/13/25 23:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/13/25 23:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 08:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 08:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 08:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 08:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	08/12/25 12:58	08/17/25 08:38	1
o-Terphenyl	127		70 - 130	08/12/25 12:58	08/17/25 08:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		10.1	0.398	mg/Kg			08/13/25 15:03	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (65-70)

Lab Sample ID: 880-61361-27
Matrix: Solid
Date Collected: 08/10/25 11:42
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:21	08/14/25 00:04	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:21	08/14/25 00:04	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:21	08/14/25 00:04	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/14/25 00:04	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:21	08/14/25 00:04	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/14/25 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*08/13/25 14:21*	*08/14/25 00:04*	*1*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/13/25 14:21*	*08/14/25 00:04*	*1*
Dibromofluoromethane (Surr)	*110*		*53 - 142*	*08/13/25 14:21*	*08/14/25 00:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/13/25 14:21*	*08/14/25 00:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 00:04	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 08:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 08:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 08:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 08:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/12/25 12:58*	*08/17/25 08:54*	*1*
o-Terphenyl	*121*		*70 - 130*	*08/12/25 12:58*	*08/17/25 08:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**357**		9.94	0.393	mg/Kg			08/13/25 15:10	1

Client Sample ID: TMW-34 (70-75)

Lab Sample ID: 880-61361-28
Matrix: Solid
Date Collected: 08/10/25 11:44
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 23:43	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 23:43	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 23:43	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 23:43	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 23:43	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:21*	*08/13/25 23:43*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 880-61361-1
Project/Site: EBDU 37

Client Sample ID: TMW-34 (70-75)
Lab Sample ID: 880-61361-28
Date Collected: 08/10/25 11:44
Matrix: Solid
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/13/25 14:21*	*08/13/25 23:43*	*1*
Dibromofluoromethane (Surr)	*108*		*53 - 142*	*08/13/25 14:21*	*08/13/25 23:43*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/13/25 14:21*	*08/13/25 23:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 23:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 09:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 09:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 09:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:58*	*08/17/25 09:09*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/12/25 12:58*	*08/17/25 09:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**555**		9.92	0.392	mg/Kg			08/13/25 15:18	1

Client Sample ID: TMW-34 (75-80)
Lab Sample ID: 880-61361-29
Date Collected: 08/10/25 11:46
Matrix: Solid
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:21	08/14/25 00:46	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:21	08/14/25 00:46	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:21	08/14/25 00:46	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:21	08/14/25 00:46	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:21	08/14/25 00:46	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:21	08/14/25 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/13/25 14:21*	*08/14/25 00:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/13/25 14:21*	*08/14/25 00:46*	*1*
Dibromofluoromethane (Surr)	*108*		*53 - 142*	*08/13/25 14:21*	*08/14/25 00:46*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/13/25 14:21*	*08/14/25 00:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 00:46	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (75-80)

Lab Sample ID: 880-61361-29
Matrix: Solid
Date Collected: 08/10/25 11:46
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 09:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 09:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 09:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 09:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:58*	*08/17/25 09:23*	*1*
o-Terphenyl	*118*		*70 - 130*	*08/12/25 12:58*	*08/17/25 09:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	272		9.96	0.393	mg/Kg			08/13/25 15:25	1

Client Sample ID: TMW-34 (80-85)

Lab Sample ID: 880-61361-30
Matrix: Solid
Date Collected: 08/10/25 11:50
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:21	08/14/25 00:25	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:21	08/14/25 00:25	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:21	08/14/25 00:25	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/14/25 00:25	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:21	08/14/25 00:25	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/14/25 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/13/25 14:21*	*08/14/25 00:25*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/13/25 14:21*	*08/14/25 00:25*	*1*
Dibromofluoromethane (Surr)	*109*		*53 - 142*	*08/13/25 14:21*	*08/14/25 00:25*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*08/13/25 14:21*	*08/14/25 00:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/14/25 00:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 09:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 09:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 09:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 09:38	1

Eurofins Midland

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (80-85)

Lab Sample ID: 880-61361-30
Matrix: Solid
Date Collected: 08/10/25 11:50
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:58*	*08/17/25 09:38*	*1*
o-Terphenyl	*119*		*70 - 130*	*08/12/25 12:58*	*08/17/25 09:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**410**		10.0	0.397	mg/Kg			08/13/25 15:32	1

Client Sample ID: TMW-34 (85-90)

Lab Sample ID: 880-61361-31
Matrix: Solid
Date Collected: 08/10/25 11:54
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:21	08/13/25 16:20	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:21	08/13/25 16:20	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:21	08/13/25 16:20	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 16:20	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:21	08/13/25 16:20	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/13/25 14:21*	*08/13/25 16:20*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:21*	*08/13/25 16:20*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/13/25 14:21*	*08/13/25 16:20*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:21*	*08/13/25 16:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 16:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 10:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 10:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 10:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 10:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:08*	*1*
o-Terphenyl	*122*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.61**	**J**	10.1	0.399	mg/Kg			08/13/25 15:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (55-60)

Lab Sample ID: 880-61361-32
Matrix: Solid
Date Collected: 08/10/25 16:55
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00101	0.000386	mg/Kg		08/13/25 14:21	08/13/25 17:51	1
Toluene	<0.00122	U	0.00505	0.00122	mg/Kg		08/13/25 14:21	08/13/25 17:51	1
Ethylbenzene	<0.000307	U	0.00101	0.000307	mg/Kg		08/13/25 14:21	08/13/25 17:51	1
m,p-Xylenes	<0.000437	U	0.00202	0.000437	mg/Kg		08/13/25 14:21	08/13/25 17:51	1
o-Xylene	<0.000319	U	0.00101	0.000319	mg/Kg		08/13/25 14:21	08/13/25 17:51	1
Xylenes, Total	<0.000437	U	0.00202	0.000437	mg/Kg		08/13/25 14:21	08/13/25 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/13/25 14:21*	*08/13/25 17:51*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:21*	*08/13/25 17:51*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/13/25 14:21*	*08/13/25 17:51*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:21*	*08/13/25 17:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000437	U	0.00202	0.000437	mg/Kg			08/13/25 17:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 10:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 10:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 10:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:23*	*1*
o-Terphenyl	*123*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.2**		10.1	0.398	mg/Kg			08/13/25 16:01	1

Client Sample ID: TMW-36 (60-65)

Lab Sample ID: 880-61361-33
Matrix: Solid
Date Collected: 08/10/25 16:57
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/13/25 14:21*	*08/13/25 19:00*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (60-65)

Lab Sample ID: 880-61361-33
Matrix: Solid
Date Collected: 08/10/25 16:57
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:21*	*08/13/25 19:00*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:21*	*08/13/25 19:00*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*08/13/25 14:21*	*08/13/25 19:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 19:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 10:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 10:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:39*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.2**		9.98	0.394	mg/Kg			08/13/25 16:09	1

Client Sample ID: TMW-36 (65-70)

Lab Sample ID: 880-61361-34
Matrix: Solid
Date Collected: 08/10/25 16:59
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 21:58	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 21:58	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 21:58	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 21:58	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 21:58	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*08/13/25 14:21*	*08/13/25 21:58*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/13/25 14:21*	*08/13/25 21:58*	*1*
Dibromofluoromethane (Surr)	*105*		*53 - 142*	*08/13/25 14:21*	*08/13/25 21:58*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:21*	*08/13/25 21:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 21:58	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (65-70)

Lab Sample ID: 880-61361-34
Matrix: Solid
Date Collected: 08/10/25 16:59
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 10:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 10:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 10:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:54*	*1*
o-Terphenyl	*119*		*70 - 130*	*08/12/25 12:58*	*08/17/25 10:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**183**		9.92	0.392	mg/Kg			08/13/25 16:31	1

Client Sample ID: TMW-36 (70-75)

Lab Sample ID: 880-61361-35
Matrix: Solid
Date Collected: 08/10/25 17:01
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:21	08/13/25 18:37	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:21	08/13/25 18:37	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:21	08/13/25 18:37	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/13/25 18:37	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:21	08/13/25 18:37	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/13/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/13/25 14:21*	*08/13/25 18:37*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:21*	*08/13/25 18:37*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:21*	*08/13/25 18:37*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:21*	*08/13/25 18:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/13/25 18:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 11:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 11:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 11:08	1

Eurofins Midland

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (70-75)

Lab Sample ID: 880-61361-35
Matrix: Solid
Date Collected: 08/10/25 17:01
Date Received: 08/12/25 10:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	08/12/25 12:58	08/17/25 11:08	1
o-Terphenyl	132	S1+	70 - 130	08/12/25 12:58	08/17/25 11:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	458		9.96	0.393	mg/Kg			08/13/25 16:38	1

Client Sample ID: TMW-36 (75-80)

Lab Sample ID: 880-61361-36
Matrix: Solid
Date Collected: 08/10/25 17:03
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 22:19	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 22:19	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 22:19	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 22:19	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 22:19	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 22:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	08/13/25 14:21	08/13/25 22:19	1
4-Bromofluorobenzene (Surr)	108		68 - 152	08/13/25 14:21	08/13/25 22:19	1
Dibromofluoromethane (Surr)	109		53 - 142	08/13/25 14:21	08/13/25 22:19	1
Toluene-d8 (Surr)	100		70 - 130	08/13/25 14:21	08/13/25 22:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 22:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 11:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 11:23	1
Gasoline Range Organics (GRO)-C6-C10	<50.4	U H	50.4		mg/Kg		09/11/25 11:11	09/11/25 17:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 11:23	1
Diesel Range Organics (Over C10-C28)	<50.4	U H	50.4		mg/Kg		09/11/25 11:11	09/11/25 17:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 11:23	1
Oil Range Organics (Over C28-C36)	<50.4	U H	50.4		mg/Kg		09/11/25 11:11	09/11/25 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/12/25 12:58	08/17/25 11:23	1
1-Chlorooctane	101		70 - 130	09/11/25 11:11	09/11/25 17:08	1
o-Terphenyl	119		70 - 130	08/12/25 12:58	08/17/25 11:23	1
o-Terphenyl	105		70 - 130	09/11/25 11:11	09/11/25 17:08	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (75-80)
Lab Sample ID: 880-61361-36
Date Collected: 08/10/25 17:03
Matrix: Solid
Date Received: 08/12/25 10:15

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	573		9.94	0.393	mg/Kg			08/13/25 16:45	1

Client Sample ID: TMW-31 (0-5)
Lab Sample ID: 880-61361-37
Date Collected: 08/10/25 14:35
Matrix: Solid
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/14/25 01:28	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/14/25 01:28	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/14/25 01:28	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/14/25 01:28	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/14/25 01:28	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/14/25 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*08/13/25 14:21*	*08/14/25 01:28*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/13/25 14:21*	*08/14/25 01:28*	*1*
Dibromofluoromethane (Surr)	*111*		*53 - 142*	*08/13/25 14:21*	*08/14/25 01:28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/13/25 14:21*	*08/14/25 01:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/14/25 01:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/17/25 11:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 11:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 11:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:58	08/17/25 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/12/25 12:58*	*08/17/25 11:38*	*1*
o-Terphenyl	*119*		*70 - 130*	*08/12/25 12:58*	*08/17/25 11:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		10.0	0.397	mg/Kg			08/13/25 16:53	1

Client Sample ID: TMW-31 (5-10)
Lab Sample ID: 880-61361-38
Date Collected: 08/10/25 14:37
Matrix: Solid
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:21	08/14/25 01:07	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (5-10)

Lab Sample ID: 880-61361-38
Matrix: Solid
Date Collected: 08/10/25 14:37
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:21	08/14/25 01:07	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:21	08/14/25 01:07	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/14/25 01:07	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:21	08/14/25 01:07	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/14/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*	*08/13/25 14:21*	*08/14/25 01:07*	*1*
4-Bromofluorobenzene (Surr)	*110*		*68 - 152*	*08/13/25 14:21*	*08/14/25 01:07*	*1*
Dibromofluoromethane (Surr)	*111*		*53 - 142*	*08/13/25 14:21*	*08/14/25 01:07*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*08/13/25 14:21*	*08/14/25 01:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 01:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 11:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 11:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 11:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/12/25 12:58*	*08/17/25 11:54*	*1*
o-Terphenyl	*122*		*70 - 130*	*08/12/25 12:58*	*08/17/25 11:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**256**		10.1	0.399	mg/Kg			08/13/25 17:00	1

Client Sample ID: TMW-31 (10-15)

Lab Sample ID: 880-61361-39
Matrix: Solid
Date Collected: 08/10/25 14:38
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:50	08/16/25 16:13	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:50	08/16/25 16:13	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:50	08/16/25 16:13	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:50	08/16/25 16:13	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:50	08/16/25 16:13	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:50	08/16/25 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*56 - 150*	*08/13/25 14:50*	*08/16/25 16:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*08/13/25 14:50*	*08/16/25 16:13*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (10-15)

Lab Sample ID: 880-61361-39
Matrix: Solid
Date Collected: 08/10/25 14:38
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*82*		*53 - 142*	*08/13/25 14:50*	*08/16/25 16:13*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/16/25 16:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/16/25 16:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/17/25 12:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 12:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 12:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*08/12/25 12:58*	*08/17/25 12:09*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/12/25 12:58*	*08/17/25 12:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.4**		9.94	0.393	mg/Kg			08/13/25 17:07	1

Client Sample ID: TMW-31 (15-20)

Lab Sample ID: 880-61361-40
Matrix: Solid
Date Collected: 08/10/25 14:39
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:50	08/13/25 23:10	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:50	08/13/25 23:10	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:50	08/13/25 23:10	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:50	08/13/25 23:10	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:50	08/13/25 23:10	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:50	08/13/25 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/13/25 14:50*	*08/13/25 23:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:50*	*08/13/25 23:10*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/13/25 23:10*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:50*	*08/13/25 23:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 23:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (15-20)

Lab Sample ID: 880-61361-40
Matrix: Solid
Date Collected: 08/10/25 14:39
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/17/25 12:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 12:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 12:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:58	08/17/25 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:58*	*08/17/25 12:24*	*1*
o-Terphenyl	*117*		*70 - 130*	*08/12/25 12:58*	*08/17/25 12:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		9.92	0.392	mg/Kg			08/13/25 17:14	1

Client Sample ID: TMW-31 (20-25)

Lab Sample ID: 880-61361-41
Matrix: Solid
Date Collected: 08/10/25 14:41
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:50	08/13/25 23:32	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:50	08/13/25 23:32	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:50	08/13/25 23:32	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/13/25 23:32	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:50	08/13/25 23:32	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/13/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/13/25 14:50*	*08/13/25 23:32*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:50*	*08/13/25 23:32*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:50*	*08/13/25 23:32*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:50*	*08/13/25 23:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/13/25 23:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 14:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 14:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 14:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 14:28	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (20-25)

Lab Sample ID: 880-61361-41
Matrix: Solid
Date Collected: 08/10/25 14:41
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*08/12/25 12:59*	*08/18/25 14:28*	*1*
o-Terphenyl	*125*		*70 - 130*	*08/12/25 12:59*	*08/18/25 14:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.8**		9.92	0.392	mg/Kg			08/14/25 02:47	1

Client Sample ID: TMW-31 (25-30)

Lab Sample ID: 880-61361-42
Matrix: Solid
Date Collected: 08/10/25 14:43
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00101	0.000386	mg/Kg		08/13/25 14:50	08/13/25 23:55	1
Toluene	<0.00122	U	0.00505	0.00122	mg/Kg		08/13/25 14:50	08/13/25 23:55	1
Ethylbenzene	<0.000307	U	0.00101	0.000307	mg/Kg		08/13/25 14:50	08/13/25 23:55	1
m,p-Xylenes	<0.000437	U	0.00202	0.000437	mg/Kg		08/13/25 14:50	08/13/25 23:55	1
o-Xylene	<0.000319	U	0.00101	0.000319	mg/Kg		08/13/25 14:50	08/13/25 23:55	1
Xylenes, Total	<0.000437	U	0.00202	0.000437	mg/Kg		08/13/25 14:50	08/13/25 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/13/25 14:50*	*08/13/25 23:55*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/13/25 23:55*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/13/25 23:55*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:50*	*08/13/25 23:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000437	U	0.00202	0.000437	mg/Kg			08/13/25 23:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 15:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:11*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.5**		10.1	0.399	mg/Kg			08/14/25 03:09	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (30-35)

Lab Sample ID: 880-61361-43
Matrix: Solid
Date Collected: 08/10/25 14:45
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:50	08/14/25 00:18	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:50	08/14/25 00:18	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:50	08/14/25 00:18	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 00:18	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:50	08/14/25 00:18	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/13/25 14:50*	*08/14/25 00:18*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 00:18*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:50*	*08/14/25 00:18*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*08/13/25 14:50*	*08/14/25 00:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 00:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 15:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:25*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.0**		10.1	0.398	mg/Kg			08/14/25 03:16	1

Client Sample ID: TMW-31 (35-40)

Lab Sample ID: 880-61361-44
Matrix: Solid
Date Collected: 08/10/25 14:47
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00101	0.000386	mg/Kg		08/13/25 14:50	08/14/25 00:40	1
Toluene	<0.00122	U	0.00504	0.00122	mg/Kg		08/13/25 14:50	08/14/25 00:40	1
Ethylbenzene	<0.000307	U	0.00101	0.000307	mg/Kg		08/13/25 14:50	08/14/25 00:40	1
m,p-Xylenes	<0.000436	U	0.00202	0.000436	mg/Kg		08/13/25 14:50	08/14/25 00:40	1
o-Xylene	<0.000319	U	0.00101	0.000319	mg/Kg		08/13/25 14:50	08/14/25 00:40	1
Xylenes, Total	<0.000436	U	0.00202	0.000436	mg/Kg		08/13/25 14:50	08/14/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*08/13/25 14:50*	*08/14/25 00:40*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (35-40)

Lab Sample ID: 880-61361-44
Matrix: Solid
Date Collected: 08/10/25 14:47
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 00:40*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/14/25 00:40*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 00:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000436	U	0.00202	0.000436	mg/Kg			08/14/25 00:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 15:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:40*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.70**	**J**	9.92	0.392	mg/Kg			08/14/25 03:23	1

Client Sample ID: TMW-31 (40-45)

Lab Sample ID: 880-61361-45
Matrix: Solid
Date Collected: 08/10/25 14:49
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00101	0.000385	mg/Kg		08/13/25 14:50	08/14/25 01:03	1
Toluene	<0.00122	U	0.00503	0.00122	mg/Kg		08/13/25 14:50	08/14/25 01:03	1
Ethylbenzene	<0.000306	U	0.00101	0.000306	mg/Kg		08/13/25 14:50	08/14/25 01:03	1
m,p-Xylenes	<0.000436	U	0.00201	0.000436	mg/Kg		08/13/25 14:50	08/14/25 01:03	1
o-Xylene	<0.000318	U	0.00101	0.000318	mg/Kg		08/13/25 14:50	08/14/25 01:03	1
Xylenes, Total	<0.000436	U	0.00201	0.000436	mg/Kg		08/13/25 14:50	08/14/25 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*08/13/25 14:50*	*08/14/25 01:03*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 01:03*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:50*	*08/14/25 01:03*	*1*
Toluene-d8 (Surr)	*89*		*70 - 130*	*08/13/25 14:50*	*08/14/25 01:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000436	U	0.00201	0.000436	mg/Kg			08/14/25 01:03	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (40-45)

Lab Sample ID: 880-61361-45
Matrix: Solid
Date Collected: 08/10/25 14:49
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 15:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 15:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 15:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:54*	*1*
o-Terphenyl	*118*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.1		9.90	0.391	mg/Kg			08/14/25 03:31	1

Client Sample ID: TMW-31 (45-50)

Lab Sample ID: 880-61361-46
Matrix: Solid
Date Collected: 08/10/25 14:51
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/14/25 01:26	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/14/25 01:26	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/14/25 01:26	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 01:26	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/14/25 01:26	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/13/25 14:50*	*08/14/25 01:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 01:26*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/14/25 01:26*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*08/13/25 14:50*	*08/14/25 01:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/14/25 01:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 16:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 16:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 16:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 16:20	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (45-50)

Lab Sample ID: 880-61361-46
Matrix: Solid
Date Collected: 08/10/25 14:51
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:20*	*1*
o-Terphenyl	*114*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.09	J	9.92	0.392	mg/Kg			08/14/25 03:53	1

Client Sample ID: TMW-31 (50-55)

Lab Sample ID: 880-61361-47
Matrix: Solid
Date Collected: 08/10/25 14:53
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:50	08/14/25 01:49	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:50	08/14/25 01:49	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:50	08/14/25 01:49	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/14/25 01:49	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:50	08/14/25 01:49	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/14/25 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/13/25 14:50*	*08/14/25 01:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/14/25 01:49*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/13/25 14:50*	*08/14/25 01:49*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 01:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 01:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/18/25 16:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/12/25 12:59	08/18/25 16:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/12/25 12:59	08/18/25 16:35	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/12/25 12:59	08/18/25 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:35*	*1*
o-Terphenyl	*121*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		9.92	0.392	mg/Kg			08/14/25 04:00	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (55-60)

Lab Sample ID: 880-61361-48
Matrix: Solid
Date Collected: 08/10/25 14:55
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:50	08/14/25 02:11	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:50	08/14/25 02:11	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:50	08/14/25 02:11	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 02:11	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:50	08/14/25 02:11	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/13/25 14:50*	*08/14/25 02:11*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/14/25 02:11*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/13/25 14:50*	*08/14/25 02:11*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:50*	*08/14/25 02:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 02:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 16:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 16:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 16:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:49*	*1*
o-Terphenyl	*116*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.2**		9.90	0.391	mg/Kg			08/14/25 04:07	1

Client Sample ID: TMW-31 (60-65)

Lab Sample ID: 880-61361-49
Matrix: Solid
Date Collected: 08/10/25 14:57
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:50	08/14/25 02:34	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:50	08/14/25 02:34	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:50	08/14/25 02:34	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 02:34	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:50	08/14/25 02:34	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*08/13/25 14:50*	*08/14/25 02:34*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (60-65)

Lab Sample ID: 880-61361-49
Matrix: Solid
Date Collected: 08/10/25 14:57
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/14/25 02:34*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/14/25 02:34*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/14/25 02:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 02:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 17:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 17:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 17:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:03*	*1*
o-Terphenyl	*118*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.2**		10.0	0.397	mg/Kg			08/14/25 04:14	1

Client Sample ID: TMW-31 (65-70)

Lab Sample ID: 880-61361-50
Matrix: Solid
Date Collected: 08/10/25 14:59
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/14/25 02:57	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/14/25 02:57	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/14/25 02:57	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 02:57	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/14/25 02:57	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/13/25 14:50*	*08/14/25 02:57*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/14/25 02:57*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/13/25 14:50*	*08/14/25 02:57*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 02:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/14/25 02:57	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (65-70)

Lab Sample ID: 880-61361-50
Matrix: Solid
Date Collected: 08/10/25 14:59
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 17:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 17:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 17:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:18*	*1*
o-Terphenyl	*125*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.3**		10.1	0.399	mg/Kg			08/14/25 04:22	1

Client Sample ID: TMW-31 (70-75)

Lab Sample ID: 880-61361-51
Matrix: Solid
Date Collected: 08/10/25 15:01
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00100	0.000384	mg/Kg		08/13/25 14:50	08/14/25 03:20	1
Toluene	<0.00122	U	0.00502	0.00122	mg/Kg		08/13/25 14:50	08/14/25 03:20	1
Ethylbenzene	<0.000306	U	0.00100	0.000306	mg/Kg		08/13/25 14:50	08/14/25 03:20	1
m,p-Xylenes	<0.000435	U	0.00201	0.000435	mg/Kg		08/13/25 14:50	08/14/25 03:20	1
o-Xylene	<0.000317	U	0.00100	0.000317	mg/Kg		08/13/25 14:50	08/14/25 03:20	1
Xylenes, Total	<0.000435	U	0.00201	0.000435	mg/Kg		08/13/25 14:50	08/14/25 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*08/13/25 14:50*	*08/14/25 03:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:50*	*08/14/25 03:20*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:50*	*08/14/25 03:20*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 03:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000435	U	0.00201	0.000435	mg/Kg			08/14/25 03:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 18:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:12	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (70-75)

Lab Sample ID: 880-61361-51
Matrix: Solid
Date Collected: 08/10/25 15:01
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:12*	*1*
o-Terphenyl	*117*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**242**		10.1	0.398	mg/Kg			08/14/25 04:29	1

Client Sample ID: TMW-31 (75-80)

Lab Sample ID: 880-61361-52
Matrix: Solid
Date Collected: 08/10/25 15:03
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000378	U	0.000988	0.000378	mg/Kg		08/13/25 14:50	08/14/25 03:42	1
Toluene	<0.00120	U	0.00494	0.00120	mg/Kg		08/13/25 14:50	08/14/25 03:42	1
Ethylbenzene	<0.000301	U	0.000988	0.000301	mg/Kg		08/13/25 14:50	08/14/25 03:42	1
m,p-Xylenes	<0.000428	U	0.00198	0.000428	mg/Kg		08/13/25 14:50	08/14/25 03:42	1
o-Xylene	<0.000312	U	0.000988	0.000312	mg/Kg		08/13/25 14:50	08/14/25 03:42	1
Xylenes, Total	<0.000428	U	0.00198	0.000428	mg/Kg		08/13/25 14:50	08/14/25 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/13/25 14:50*	*08/14/25 03:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 03:42*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:50*	*08/14/25 03:42*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 03:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000428	U	0.00198	0.000428	mg/Kg			08/14/25 03:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 18:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 18:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:26*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		10.1	0.397	mg/Kg			08/14/25 04:51	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: DUP-6-S

Lab Sample ID: 880-61361-53
Matrix: Solid
Date Collected: 08/10/25 00:00
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:50	08/14/25 04:05	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:50	08/14/25 04:05	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:50	08/14/25 04:05	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/14/25 04:05	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:50	08/14/25 04:05	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/14/25 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/13/25 14:50*	*08/14/25 04:05*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 04:05*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:50*	*08/14/25 04:05*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 04:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 04:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 18:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 18:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 18:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:41*	*1*
o-Terphenyl	*116*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**183**		9.92	0.392	mg/Kg			08/14/25 04:58	1

Client Sample ID: TMW-30 (0-5)

Lab Sample ID: 880-61361-54
Matrix: Solid
Date Collected: 08/10/25 08:10
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0191	U	0.0500	0.0191	mg/Kg		08/13/25 14:50	08/14/25 04:28	50
Toluene	<0.0606	U	0.250	0.0606	mg/Kg		08/13/25 14:50	08/14/25 04:28	50
Ethylbenzene	<0.0152	U	0.0500	0.0152	mg/Kg		08/13/25 14:50	08/14/25 04:28	50
m,p-Xylenes	<0.0216	U	0.100	0.0216	mg/Kg		08/13/25 14:50	08/14/25 04:28	50
o-Xylene	<0.0158	U	0.0500	0.0158	mg/Kg		08/13/25 14:50	08/14/25 04:28	50
Xylenes, Total	<0.0216	U	0.100	0.0216	mg/Kg		08/13/25 14:50	08/14/25 04:28	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/13/25 14:50*	*08/14/25 04:28*	*50*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (0-5)

Lab Sample ID: 880-61361-54
Matrix: Solid
Date Collected: 08/10/25 08:10
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/13/25 14:50*	*08/14/25 04:28*	*50*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/13/25 14:50*	*08/14/25 04:28*	*50*
Toluene-d8 (Surr)	*92*		*70 - 130*	*08/13/25 14:50*	*08/14/25 04:28*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0216	U	0.100	0.0216	mg/Kg			08/14/25 04:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 18:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:55*	*1*
o-Terphenyl	*116*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.5**		9.94	0.393	mg/Kg			08/14/25 05:20	1

Client Sample ID: TMW-30 (5-10)

Lab Sample ID: 880-61361-55
Matrix: Solid
Date Collected: 08/10/25 08:12
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 21:29	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 21:29	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 21:29	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 21:29	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 21:29	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*08/13/25 14:50*	*08/14/25 21:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/13/25 14:50*	*08/14/25 21:29*	*1*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/13/25 14:50*	*08/14/25 21:29*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/14/25 21:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 21:29	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (5-10)

Lab Sample ID: 880-61361-55
Matrix: Solid
Date Collected: 08/10/25 08:12
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 19:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:09*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		9.98	0.394	mg/Kg			08/14/25 05:28	1

Client Sample ID: TMW-30 (10-15)

Lab Sample ID: 880-61361-56
Matrix: Solid
Date Collected: 08/10/25 08:15
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 19:02	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 19:02	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 19:02	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:02	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 19:02	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/13/25 14:50*	*08/14/25 19:02*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:50*	*08/14/25 19:02*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:50*	*08/14/25 19:02*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/14/25 19:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 19:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 19:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:24	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (10-15)

Lab Sample ID: 880-61361-56
Matrix: Solid
Date Collected: 08/10/25 08:15
Date Received: 08/12/25 10:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	08/12/25 12:59	08/18/25 19:24	1
o-Terphenyl	117		70 - 130	08/12/25 12:59	08/18/25 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	747		10.0	0.395	mg/Kg			08/14/25 05:35	1

Client Sample ID: TMW-30 (15-20)

Lab Sample ID: 880-61361-57
Matrix: Solid
Date Collected: 08/10/25 08:17
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:50	08/14/25 04:48	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:50	08/14/25 04:48	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:50	08/14/25 04:48	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/14/25 04:48	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:50	08/14/25 04:48	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:50	08/14/25 04:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		56 - 150	08/13/25 14:50	08/14/25 04:48	1
4-Bromofluorobenzene (Surr)	88		68 - 152	08/13/25 14:50	08/14/25 04:48	1
Dibromofluoromethane (Surr)	83		53 - 142	08/13/25 14:50	08/14/25 04:48	1
Toluene-d8 (Surr)	98		70 - 130	08/13/25 14:50	08/14/25 04:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 04:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 19:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/12/25 12:59	08/18/25 19:38	1
o-Terphenyl	116		70 - 130	08/12/25 12:59	08/18/25 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	234		10.1	0.399	mg/Kg			08/14/25 05:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (20-25)

Lab Sample ID: 880-61361-58
Matrix: Solid
Date Collected: 08/10/25 08:20
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/14/25 04:24	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/14/25 04:24	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/14/25 04:24	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 04:24	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/14/25 04:24	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 04:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*56 - 150*	*08/13/25 14:50*	*08/14/25 04:24*	*1*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/13/25 14:50*	*08/14/25 04:24*	*1*
Dibromofluoromethane (Surr)	*82*		*53 - 142*	*08/13/25 14:50*	*08/14/25 04:24*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/14/25 04:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/14/25 04:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 19:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:53*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*08/12/25 12:59*	*08/18/25 19:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**223**		10.0	0.396	mg/Kg			08/14/25 05:49	1

Client Sample ID: TMW-30 (25-30)

Lab Sample ID: 880-61361-59
Matrix: Solid
Date Collected: 08/10/25 08:22
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 18:37	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 18:37	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 18:37	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 18:37	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 18:37	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:50*	*08/14/25 18:37*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (25-30)

Lab Sample ID: 880-61361-59
Matrix: Solid
Date Collected: 08/10/25 08:22
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/14/25 18:37*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:50*	*08/14/25 18:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/14/25 18:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 18:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 20:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 20:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 20:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*08/12/25 12:59*	*08/18/25 20:07*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*08/12/25 12:59*	*08/18/25 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.7**		9.98	0.394	mg/Kg			08/14/25 05:57	1

Client Sample ID: TMW-30 (30-35)

Lab Sample ID: 880-61361-60
Matrix: Solid
Date Collected: 08/10/25 08:25
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/14/25 17:12	08/14/25 19:27	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/14/25 17:12	08/14/25 19:27	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/14/25 17:12	08/14/25 19:27	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/14/25 19:27	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/14/25 17:12	08/14/25 19:27	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/14/25 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/14/25 17:12*	*08/14/25 19:27*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/14/25 17:12*	*08/14/25 19:27*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/14/25 17:12*	*08/14/25 19:27*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/14/25 17:12*	*08/14/25 19:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 19:27	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (30-35)

Lab Sample ID: 880-61361-60
Matrix: Solid
Date Collected: 08/10/25 08:25
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 20:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 20:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 20:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*08/12/25 12:59*	*08/18/25 20:21*	*1*
o-Terphenyl	*139*	*S1+*	*70 - 130*	*08/12/25 12:59*	*08/18/25 20:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**902**		10.0	0.395	mg/Kg			08/14/25 06:04	1

Client Sample ID: TMW-30 (35-40)

Lab Sample ID: 880-61361-61
Matrix: Solid
Date Collected: 08/10/25 08:27
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 04:51	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 04:51	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 04:51	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 04:51	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 04:51	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/13/25 14:50*	*08/14/25 04:51*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:50*	*08/14/25 04:51*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:50*	*08/14/25 04:51*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 04:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 04:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 14:28	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		08/12/25 12:59	08/18/25 14:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 14:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 14:28	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (35-40)

Lab Sample ID: 880-61361-61
Matrix: Solid
Date Collected: 08/10/25 08:27
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 14:28*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/12/25 12:59*	*08/18/25 14:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**453**		10.0	0.396	mg/Kg			08/13/25 18:15	1

Client Sample ID: TMW-30 (40-45)

Lab Sample ID: 880-61361-62
Matrix: Solid
Date Collected: 08/10/25 08:30
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:50	08/14/25 05:13	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:50	08/14/25 05:13	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:50	08/14/25 05:13	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 05:13	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:50	08/14/25 05:13	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 05:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*08/13/25 14:50*	*08/14/25 05:13*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/14/25 05:13*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/13/25 14:50*	*08/14/25 05:13*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*	*08/13/25 14:50*	*08/14/25 05:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 05:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 15:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:11*	*1*
o-Terphenyl	*110*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**282**		9.92	0.392	mg/Kg			08/13/25 18:37	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (45-50)

Lab Sample ID: 880-61361-63
Matrix: Solid
Date Collected: 08/10/25 08:32
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/14/25 17:12	08/14/25 23:55	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/14/25 17:12	08/14/25 23:55	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/14/25 17:12	08/14/25 23:55	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/14/25 23:55	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/14/25 17:12	08/14/25 23:55	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/14/25 23:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*08/14/25 17:12*	*08/14/25 23:55*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/14/25 17:12*	*08/14/25 23:55*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/14/25 17:12*	*08/14/25 23:55*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/14/25 17:12*	*08/14/25 23:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 23:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 15:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:25*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**253**		9.98	0.394	mg/Kg			08/13/25 18:44	1

Client Sample ID: TMW-30 (50-55)

Lab Sample ID: 880-61361-64
Matrix: Solid
Date Collected: 08/10/25 08:34
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 01:06	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 01:06	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 01:06	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 01:06	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 01:06	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*08/13/25 14:50*	*08/15/25 01:06*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (50-55)

Lab Sample ID: 880-61361-64
Matrix: Solid
Date Collected: 08/10/25 08:34
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/15/25 01:06*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/13/25 14:50*	*08/15/25 01:06*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/15/25 01:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 01:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 15:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:40*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**394**		9.96	0.393	mg/Kg			08/13/25 18:51	1

Client Sample ID: TMW-30 (55-60)

Lab Sample ID: 880-61361-65
Matrix: Solid
Date Collected: 08/10/25 08:36
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 01:30	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 01:30	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 01:30	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 01:30	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 01:30	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:50*	*08/15/25 01:30*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:50*	*08/15/25 01:30*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/13/25 14:50*	*08/15/25 01:30*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:50*	*08/15/25 01:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 01:30	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (55-60)

Lab Sample ID: 880-61361-65
Matrix: Solid
Date Collected: 08/10/25 08:36
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 15:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:54*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/12/25 12:59*	*08/18/25 15:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**344**		10.0	0.397	mg/Kg			08/13/25 18:59	1

Client Sample ID: TMW-30 (60-65)

Lab Sample ID: 880-61361-66
Matrix: Solid
Date Collected: 08/10/25 08:38
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 01:54	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 01:54	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 01:54	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 01:54	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 01:54	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/13/25 14:50*	*08/15/25 01:54*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:50*	*08/15/25 01:54*	*1*
Dibromofluoromethane (Surr)	*101*		*53 - 142*	*08/13/25 14:50*	*08/15/25 01:54*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:50*	*08/15/25 01:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 01:54	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 16:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		08/12/25 12:59	08/18/25 16:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 16:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 16:20	1

Eurofins Midland

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (60-65)

Lab Sample ID: 880-61361-66
Matrix: Solid
Date Collected: 08/10/25 08:38
Date Received: 08/12/25 10:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	08/12/25 12:59	08/18/25 16:20	1
o-Terphenyl	113		70 - 130	08/12/25 12:59	08/18/25 16:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		10.1	0.398	mg/Kg			08/13/25 19:20	1

Client Sample ID: TMW-30 (65-70)

Lab Sample ID: 880-61361-67
Matrix: Solid
Date Collected: 08/10/25 08:40
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/14/25 17:12	08/15/25 00:19	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/14/25 17:12	08/15/25 00:19	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/14/25 17:12	08/15/25 00:19	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/15/25 00:19	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/14/25 17:12	08/15/25 00:19	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/15/25 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		56 - 150	08/14/25 17:12	08/15/25 00:19	1
4-Bromofluorobenzene (Surr)	96		68 - 152	08/14/25 17:12	08/15/25 00:19	1
Dibromofluoromethane (Surr)	100		53 - 142	08/14/25 17:12	08/15/25 00:19	1
Toluene-d8 (Surr)	96		70 - 130	08/14/25 17:12	08/15/25 00:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 00:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 16:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		08/12/25 12:59	08/18/25 16:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 16:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	08/12/25 12:59	08/18/25 16:35	1
o-Terphenyl	120		70 - 130	08/12/25 12:59	08/18/25 16:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.9		10.0	0.395	mg/Kg			08/13/25 19:28	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (70-75)

Lab Sample ID: 880-61361-68
Matrix: Solid
Date Collected: 08/10/25 08:42
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/14/25 17:12	08/16/25 14:42	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/14/25 17:12	08/16/25 14:42	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/14/25 17:12	08/16/25 14:42	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/16/25 14:42	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/14/25 17:12	08/16/25 14:42	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/16/25 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/14/25 17:12*	*08/16/25 14:42*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/14/25 17:12*	*08/16/25 14:42*	*1*
Dibromofluoromethane (Surr)	*84*		*53 - 142*	*08/14/25 17:12*	*08/16/25 14:42*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/14/25 17:12*	*08/16/25 14:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/16/25 14:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 16:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		08/12/25 12:59	08/18/25 16:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 16:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:49*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/12/25 12:59*	*08/18/25 16:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.6**		10.0	0.395	mg/Kg			08/13/25 19:35	1

Client Sample ID: TMW-30 (75-80)

Lab Sample ID: 880-61361-69
Matrix: Solid
Date Collected: 08/10/25 08:44
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 02:52	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 02:52	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 02:52	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 02:52	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 02:52	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*08/13/25 14:21*	*08/14/25 02:52*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (75-80)

Lab Sample ID: 880-61361-69
Matrix: Solid
Date Collected: 08/10/25 08:44
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/13/25 14:21*	*08/14/25 02:52*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*08/13/25 14:21*	*08/14/25 02:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*08/13/25 14:21*	*08/14/25 02:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 02:52	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 17:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		08/12/25 12:59	08/18/25 17:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 17:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:03*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		10.1	0.399	mg/Kg			08/13/25 19:42	1

Client Sample ID: TMW-30 (80-85)

Lab Sample ID: 880-61361-70
Matrix: Solid
Date Collected: 08/10/25 08:46
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00100	0.000384	mg/Kg		08/13/25 14:21	08/14/25 01:49	1
Toluene	<0.00122	U	0.00502	0.00122	mg/Kg		08/13/25 14:21	08/14/25 01:49	1
Ethylbenzene	<0.000306	U	0.00100	0.000306	mg/Kg		08/13/25 14:21	08/14/25 01:49	1
m,p-Xylenes	<0.000435	U	0.00201	0.000435	mg/Kg		08/13/25 14:21	08/14/25 01:49	1
o-Xylene	<0.000317	U	0.00100	0.000317	mg/Kg		08/13/25 14:21	08/14/25 01:49	1
Xylenes, Total	<0.000435	U	0.00201	0.000435	mg/Kg		08/13/25 14:21	08/14/25 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*08/13/25 14:21*	*08/14/25 01:49*	*1*
4-Bromofluorobenzene (Surr)	*108*		*68 - 152*	*08/13/25 14:21*	*08/14/25 01:49*	*1*
Dibromofluoromethane (Surr)	*110*		*53 - 142*	*08/13/25 14:21*	*08/14/25 01:49*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*	*08/13/25 14:21*	*08/14/25 01:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000435	U	0.00201	0.000435	mg/Kg			08/14/25 01:49	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (80-85)

Lab Sample ID: 880-61361-70
Matrix: Solid
Date Collected: 08/10/25 08:46
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 17:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		08/12/25 12:59	08/18/25 17:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 17:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:18*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 17:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**208**		10.1	0.398	mg/Kg			08/13/25 19:50	1

Client Sample ID: TMW-36 (0-5)

Lab Sample ID: 880-61361-71
Matrix: Solid
Date Collected: 08/11/25 16:33
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 02:31	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 02:31	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 02:31	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 02:31	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 02:31	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:21*	*08/14/25 02:31*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/13/25 14:21*	*08/14/25 02:31*	*1*
Dibromofluoromethane (Surr)	*112*		*53 - 142*	*08/13/25 14:21*	*08/14/25 02:31*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*	*08/13/25 14:21*	*08/14/25 02:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 02:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 18:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:12	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (0-5)

Lab Sample ID: 880-61361-71
Matrix: Solid
Date Collected: 08/11/25 16:33
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:12*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**426**		9.96	0.393	mg/Kg			08/13/25 19:57	1

Client Sample ID: TMW-36 (5-10)

Lab Sample ID: 880-61361-72
Matrix: Solid
Date Collected: 08/11/25 16:35
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 02:10	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 02:10	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 02:10	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 02:10	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 02:10	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/13/25 14:21*	*08/14/25 02:10*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/13/25 14:21*	*08/14/25 02:10*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*08/13/25 14:21*	*08/14/25 02:10*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/13/25 14:21*	*08/14/25 02:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 02:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 18:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		08/12/25 12:59	08/18/25 18:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 18:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:26*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**379**		9.96	0.393	mg/Kg			08/13/25 20:19	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (10-15)

Lab Sample ID: 880-61361-73
Matrix: Solid
Date Collected: 08/11/25 16:37
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 03:34	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 03:34	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 03:34	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 03:34	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 03:34	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*08/13/25 14:21*	*08/14/25 03:34*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/13/25 14:21*	*08/14/25 03:34*	*1*
Dibromofluoromethane (Surr)	*109*		*53 - 142*	*08/13/25 14:21*	*08/14/25 03:34*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/13/25 14:21*	*08/14/25 03:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 03:34	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 18:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:41	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:41	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:41*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		10.0	0.395	mg/Kg			08/13/25 20:26	1

Client Sample ID: TMW-36 (15-20)

Lab Sample ID: 880-61361-74
Matrix: Solid
Date Collected: 08/11/25 16:39
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 03:13	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 03:13	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 03:13	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 03:13	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 03:13	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*08/13/25 14:21*	*08/14/25 03:13*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (15-20)

Lab Sample ID: 880-61361-74
Matrix: Solid
Date Collected: 08/11/25 16:39
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/13/25 14:21*	*08/14/25 03:13*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*08/13/25 14:21*	*08/14/25 03:13*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/13/25 14:21*	*08/14/25 03:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 03:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 18:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		08/12/25 12:59	08/18/25 18:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 18:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:55*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 18:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.8**		10.1	0.398	mg/Kg			08/13/25 20:48	1

Client Sample ID: TMW-36 (20-25)

Lab Sample ID: 880-61361-75
Matrix: Solid
Date Collected: 08/11/25 16:41
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000378	U	0.000988	0.000378	mg/Kg		08/13/25 14:21	08/13/25 18:14	1
Toluene	<0.00120	U	0.00494	0.00120	mg/Kg		08/13/25 14:21	08/13/25 18:14	1
Ethylbenzene	<0.000301	U	0.000988	0.000301	mg/Kg		08/13/25 14:21	08/13/25 18:14	1
m,p-Xylenes	<0.000428	U	0.00198	0.000428	mg/Kg		08/13/25 14:21	08/13/25 18:14	1
o-Xylene	<0.000312	U	0.000988	0.000312	mg/Kg		08/13/25 14:21	08/13/25 18:14	1
Xylenes, Total	<0.000428	U	0.00198	0.000428	mg/Kg		08/13/25 14:21	08/13/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/13/25 14:21*	*08/13/25 18:14*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:21*	*08/13/25 18:14*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*08/13/25 14:21*	*08/13/25 18:14*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:21*	*08/13/25 18:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000428	U	0.00198	0.000428	mg/Kg			08/13/25 18:14	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (20-25)

Lab Sample ID: 880-61361-75
Matrix: Solid
Date Collected: 08/11/25 16:41
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/18/25 19:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/18/25 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:09*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.8**		9.94	0.393	mg/Kg			08/13/25 20:56	1

Client Sample ID: TMW-36 (25-30)

Lab Sample ID: 880-61361-76
Matrix: Solid
Date Collected: 08/11/25 16:43
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:21	08/13/25 22:40	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:21	08/13/25 22:40	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:21	08/13/25 22:40	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/13/25 22:40	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:21	08/13/25 22:40	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:21	08/13/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/13/25 14:21*	*08/13/25 22:40*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/13/25 14:21*	*08/13/25 22:40*	*1*
Dibromofluoromethane (Surr)	*106*		*53 - 142*	*08/13/25 14:21*	*08/13/25 22:40*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/13/25 14:21*	*08/13/25 22:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/13/25 22:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 19:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		08/12/25 12:59	08/18/25 19:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 19:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 19:24	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (25-30)

Lab Sample ID: 880-61361-76
Matrix: Solid
Date Collected: 08/11/25 16:43
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:24*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.7**		9.92	0.392	mg/Kg			08/13/25 21:03	1

Client Sample ID: TMW-36 (30-35)

Lab Sample ID: 880-61361-77
Matrix: Solid
Date Collected: 08/11/25 16:45
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 17:29	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 17:29	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 17:29	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 17:29	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 17:29	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/13/25 14:21*	*08/13/25 17:29*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:21*	*08/13/25 17:29*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/13/25 14:21*	*08/13/25 17:29*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:21*	*08/13/25 17:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 17:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 19:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		08/12/25 12:59	08/18/25 19:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 19:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:38*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.2**		9.96	0.393	mg/Kg			08/13/25 21:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (35-40)

Lab Sample ID: 880-61361-78
Matrix: Solid
Date Collected: 08/11/25 16:47
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:21	08/13/25 15:57	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:21	08/13/25 15:57	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:21	08/13/25 15:57	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 15:57	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:21	08/13/25 15:57	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/13/25 14:21*	*08/13/25 15:57*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:21*	*08/13/25 15:57*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/13/25 14:21*	*08/13/25 15:57*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:21*	*08/13/25 15:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 15:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 19:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:53*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/25 12:59*	*08/18/25 19:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.5**		10.1	0.399	mg/Kg			08/13/25 21:18	1

Client Sample ID: TMW-36 (40-45)

Lab Sample ID: 880-61361-79
Matrix: Solid
Date Collected: 08/11/25 16:49
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:21	08/13/25 16:43	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:21	08/13/25 16:43	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:21	08/13/25 16:43	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 16:43	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:21	08/13/25 16:43	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*	*08/13/25 14:21*	*08/13/25 16:43*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

Client Sample ID: TMW-36 (40-45) Lab Sample ID: 880-61361-79

Date Collected: 08/11/25 16:49 **Matrix: Solid**
Date Received: 08/12/25 10:15

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:21*	*08/13/25 16:43*	*1*
Dibromofluoromethane (Surr)	*94*		*53 - 142*	*08/13/25 14:21*	*08/13/25 16:43*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:21*	*08/13/25 16:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 16:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/18/25 20:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *+	49.8		mg/Kg		08/12/25 12:59	08/18/25 20:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 20:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/18/25 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 20:07*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.0**		10.1	0.398	mg/Kg			08/13/25 21:25	1

Client Sample ID: TMW-36 (45-50) Lab Sample ID: 880-61361-80

Date Collected: 08/11/25 16:51 **Matrix: Solid**
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:21	08/13/25 17:06	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:21	08/13/25 17:06	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:21	08/13/25 17:06	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 17:06	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:21	08/13/25 17:06	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/13/25 14:21*	*08/13/25 17:06*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:21*	*08/13/25 17:06*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:21*	*08/13/25 17:06*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:21*	*08/13/25 17:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 17:06	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 880-61361-1
Project/Site: EBDU 37

Client Sample ID: TMW-36 (45-50)
Lab Sample ID: 880-61361-80
Date Collected: 08/11/25 16:51
Matrix: Solid
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/18/25 20:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *+	50.0		mg/Kg		08/12/25 12:59	08/18/25 20:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 20:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*08/12/25 12:59*	*08/18/25 20:21*	*1*
o-Terphenyl	*115*		*70 - 130*	*08/12/25 12:59*	*08/18/25 20:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.2		10.1	0.397	mg/Kg			08/13/25 21:32	1

Client Sample ID: TMW-36 (50-55)
Lab Sample ID: 880-61361-81
Date Collected: 08/11/25 16:53
Matrix: Solid
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/13/25 19:50	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/13/25 19:50	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/13/25 19:50	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 19:50	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/13/25 19:50	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:21*	*08/13/25 19:50*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:21*	*08/13/25 19:50*	*1*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*08/13/25 14:21*	*08/13/25 19:50*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:21*	*08/13/25 19:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 19:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 17:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 17:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 17:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 17:13	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (50-55)

Lab Sample ID: 880-61361-81
Matrix: Solid
Date Collected: 08/11/25 16:53
Date Received: 08/12/25 10:15

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	08/12/25 12:59	08/19/25 17:13	1
o-Terphenyl	110		70 - 130	08/12/25 12:59	08/19/25 17:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.6	F1	9.92	0.392	mg/Kg			08/13/25 19:04	1

Client Sample ID: SB-2 (40)

Lab Sample ID: 880-61361-82
Matrix: Solid
Date Collected: 08/11/25 16:00
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00101	0.000388	mg/Kg		08/13/25 14:21	08/13/25 19:25	1
Toluene	<0.00123	U	0.00507	0.00123	mg/Kg		08/13/25 14:21	08/13/25 19:25	1
Ethylbenzene	<0.000309	U	0.00101	0.000309	mg/Kg		08/13/25 14:21	08/13/25 19:25	1
m,p-Xylenes	<0.000439	U	0.00203	0.000439	mg/Kg		08/13/25 14:21	08/13/25 19:25	1
o-Xylene	<0.000321	U	0.00101	0.000321	mg/Kg		08/13/25 14:21	08/13/25 19:25	1
Xylenes, Total	<0.000439	U	0.00203	0.000439	mg/Kg		08/13/25 14:21	08/13/25 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		56 - 150	08/13/25 14:21	08/13/25 19:25	1
4-Bromofluorobenzene (Surr)	97		68 - 152	08/13/25 14:21	08/13/25 19:25	1
Dibromofluoromethane (Surr)	89		53 - 142	08/13/25 14:21	08/13/25 19:25	1
Toluene-d8 (Surr)	97		70 - 130	08/13/25 14:21	08/13/25 19:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000439	U	0.00203	0.000439	mg/Kg			08/13/25 19:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 17:57	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 17:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 17:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130	08/12/25 12:59	08/19/25 17:57	1
o-Terphenyl	111		70 - 130	08/12/25 12:59	08/19/25 17:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	594		9.98	0.394	mg/Kg			08/13/25 19:21	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (45)

Lab Sample ID: 880-61361-83
Matrix: Solid
Date Collected: 08/11/25 16:10
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000377	U	0.000986	0.000377	mg/Kg		08/13/25 14:21	08/13/25 15:35	1
Toluene	<0.00119	U	0.00493	0.00119	mg/Kg		08/13/25 14:21	08/13/25 15:35	1
Ethylbenzene	<0.000300	U	0.000986	0.000300	mg/Kg		08/13/25 14:21	08/13/25 15:35	1
m,p-Xylenes	<0.000427	U	0.00197	0.000427	mg/Kg		08/13/25 14:21	08/13/25 15:35	1
o-Xylene	<0.000312	U	0.000986	0.000312	mg/Kg		08/13/25 14:21	08/13/25 15:35	1
Xylenes, Total	<0.000427	U	0.00197	0.000427	mg/Kg		08/13/25 14:21	08/13/25 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/13/25 14:21*	*08/13/25 15:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:21*	*08/13/25 15:35*	*1*
Dibromofluoromethane (Surr)	*91*		*53 - 142*	*08/13/25 14:21*	*08/13/25 15:35*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:21*	*08/13/25 15:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000427	U	0.00197	0.000427	mg/Kg			08/13/25 15:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 18:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 18:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 18:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 12:59*	*08/19/25 18:11*	*1*
o-Terphenyl	*107*		*70 - 130*	*08/12/25 12:59*	*08/19/25 18:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2300**		50.2	1.98	mg/Kg			08/13/25 19:26	5

Client Sample ID: SB-2 (50)

Lab Sample ID: 880-61361-84
Matrix: Solid
Date Collected: 08/11/25 16:25
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000992	0.000379	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
Toluene	<0.00120	U	0.00496	0.00120	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
Ethylbenzene	<0.000302	U	0.000992	0.000302	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
o-Xylene	<0.000314	U	0.000992	0.000314	mg/Kg		08/13/25 14:21	08/13/25 19:00	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/13/25 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*08/13/25 14:21*	*08/13/25 19:00*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (50)

Lab Sample ID: 880-61361-84
Matrix: Solid
Date Collected: 08/11/25 16:25
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/13/25 14:21*	*08/13/25 19:00*	*1*
Dibromofluoromethane (Surr)	*87*		*53 - 142*	*08/13/25 14:21*	*08/13/25 19:00*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:21*	*08/13/25 19:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/13/25 19:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 18:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 18:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 18:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 12:59*	*08/19/25 18:26*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/25 12:59*	*08/19/25 18:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1970**		50.4	1.99	mg/Kg			08/13/25 19:32	5

Client Sample ID: SB-2 (0-2.5)

Lab Sample ID: 880-61361-85
Matrix: Solid
Date Collected: 08/11/25 14:20
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/14/25 17:12	08/14/25 19:52	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/14/25 17:12	08/14/25 19:52	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/14/25 17:12	08/14/25 19:52	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/14/25 19:52	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/14/25 17:12	08/14/25 19:52	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/14/25 17:12	08/14/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/14/25 17:12*	*08/14/25 19:52*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*08/14/25 17:12*	*08/14/25 19:52*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/14/25 17:12*	*08/14/25 19:52*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/14/25 17:12*	*08/14/25 19:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 19:52	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (0-2.5)

Lab Sample ID: 880-61361-85
Matrix: Solid
Date Collected: 08/11/25 14:20
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5250**		49.8		mg/Kg			08/21/25 00:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/20/25 10:11	08/21/25 00:43	1
Diesel Range Organics (Over C10-C28)	**4300**		49.8		mg/Kg		08/20/25 10:11	08/21/25 00:43	1
Oil Range Organics (Over C28-C36)	**946**		49.8		mg/Kg		08/20/25 10:11	08/21/25 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*08/20/25 10:11*	*08/21/25 00:43*	*1*
o-Terphenyl	*120*		*70 - 130*	*08/20/25 10:11*	*08/21/25 00:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1140**		49.8	1.97	mg/Kg			08/13/25 19:38	5

Client Sample ID: DUP-7-S

Lab Sample ID: 880-61361-86
Matrix: Solid
Date Collected: 08/11/25 00:00
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:50	08/14/25 05:36	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:50	08/14/25 05:36	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:50	08/14/25 05:36	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 05:36	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:50	08/14/25 05:36	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 05:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/13/25 14:50*	*08/14/25 05:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/14/25 05:36*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/13/25 14:50*	*08/14/25 05:36*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*	*08/13/25 14:50*	*08/14/25 05:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 05:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**54.6**		49.9		mg/Kg			08/19/25 18:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 18:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 18:55	1

Eurofins Midland

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: DUP-7-S

Lab Sample ID: 880-61361-86
Matrix: Solid
Date Collected: 08/11/25 00:00
Date Received: 08/12/25 10:15

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	54.6		49.9		mg/Kg		08/12/25 12:59	08/19/25 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:59*	*08/19/25 18:55*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/12/25 12:59*	*08/19/25 18:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	49.5		9.92	0.392	mg/Kg			08/13/25 19:55	1

Client Sample ID: SB-2 (4-4.5)

Lab Sample ID: 880-61361-87
Matrix: Solid
Date Collected: 08/11/25 14:35
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0193	U	0.0504	0.0193	mg/Kg		08/13/25 14:50	08/14/25 03:12	50
Toluene	<0.0610	U	0.252	0.0610	mg/Kg		08/13/25 14:50	08/14/25 03:12	50
Ethylbenzene	1.01		0.0504	0.0153	mg/Kg		08/13/25 14:50	08/14/25 03:12	50
m,p-Xylenes	2.38		0.101	0.0218	mg/Kg		08/13/25 14:50	08/14/25 03:12	50
o-Xylene	0.918		0.0504	0.0159	mg/Kg		08/13/25 14:50	08/14/25 03:12	50
Xylenes, Total	3.30		0.101	0.0218	mg/Kg		08/13/25 14:50	08/14/25 03:12	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/13/25 14:50*	*08/14/25 03:12*	*50*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/13/25 14:50*	*08/14/25 03:12*	*50*
Dibromofluoromethane (Surr)	*77*		*53 - 142*	*08/13/25 14:50*	*08/14/25 03:12*	*50*
Toluene-d8 (Surr)	*90*		*70 - 130*	*08/13/25 14:50*	*08/14/25 03:12*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	4.31		0.101	0.0218	mg/Kg			08/14/25 03:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1720		50.0		mg/Kg			08/19/25 19:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	172		50.0		mg/Kg		08/12/25 12:59	08/19/25 19:10	1
Diesel Range Organics (Over C10-C28)	1390		50.0		mg/Kg		08/12/25 12:59	08/19/25 19:10	1
Oil Range Organics (Over C28-C36)	158		50.0		mg/Kg		08/12/25 12:59	08/19/25 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*08/12/25 12:59*	*08/19/25 19:10*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*08/12/25 12:59*	*08/19/25 19:10*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (4-4.5)

Lab Sample ID: 880-61361-87
Matrix: Solid
Date Collected: 08/11/25 14:35
Date Received: 08/12/25 10:15

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1450**		9.94	0.393	mg/Kg			08/13/25 20:00	1

Client Sample ID: SB-2 (6)

Lab Sample ID: 880-61361-88
Matrix: Solid
Date Collected: 08/11/25 14:45
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0190	U	0.0497	0.0190	mg/Kg		08/13/25 14:50	08/14/25 05:59	50
Toluene	<0.0602	U	0.249	0.0602	mg/Kg		08/13/25 14:50	08/14/25 05:59	50
Ethylbenzene	**0.0371**	**J**	0.0497	0.0151	mg/Kg		08/13/25 14:50	08/14/25 05:59	50
m,p-Xylenes	**0.0975**	**J**	0.0994	0.0215	mg/Kg		08/13/25 14:50	08/14/25 05:59	50
o-Xylene	<0.0157	U	0.0497	0.0157	mg/Kg		08/13/25 14:50	08/14/25 05:59	50
Xylenes, Total	**0.0975**	**J**	0.0994	0.0215	mg/Kg		08/13/25 14:50	08/14/25 05:59	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*08/13/25 14:50*	*08/14/25 05:59*	*50*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/13/25 14:50*	*08/14/25 05:59*	*50*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:50*	*08/14/25 05:59*	*50*
Toluene-d8 (Surr)	*88*		*70 - 130*	*08/13/25 14:50*	*08/14/25 05:59*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.135**		0.0994	0.0215	mg/Kg			08/14/25 05:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**318**		49.8		mg/Kg			08/19/25 19:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 19:25	1
Diesel Range Organics (Over C10-C28)	**318**		49.8		mg/Kg		08/12/25 12:59	08/19/25 19:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*08/12/25 12:59*	*08/19/25 19:25*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/19/25 19:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**889**		9.98	0.394	mg/Kg			08/13/25 20:06	1

Client Sample ID: SB-2 (8)

Lab Sample ID: 880-61361-89
Matrix: Solid
Date Collected: 08/11/25 14:50
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000384	U	0.00100	0.000384	mg/Kg		08/13/25 14:50	08/14/25 06:21	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (8)

Date Collected: 08/11/25 14:50
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-89

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00122	U	0.00502	0.00122	mg/Kg		08/13/25 14:50	08/14/25 06:21	1
Ethylbenzene	<0.000306	U	0.00100	0.000306	mg/Kg		08/13/25 14:50	08/14/25 06:21	1
m,p-Xylenes	**0.000560**	**J**	0.00201	0.000435	mg/Kg		08/13/25 14:50	08/14/25 06:21	1
o-Xylene	**0.00125**		0.00100	0.000317	mg/Kg		08/13/25 14:50	08/14/25 06:21	1
Xylenes, Total	**0.00181**	**J**	0.00201	0.000435	mg/Kg		08/13/25 14:50	08/14/25 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*	*08/13/25 14:50*	*08/14/25 06:21*	*1*
4-Bromofluorobenzene (Surr)	*111*		*68 - 152*	*08/13/25 14:50*	*08/14/25 06:21*	*1*
Dibromofluoromethane (Surr)	*77*		*53 - 142*	*08/13/25 14:50*	*08/14/25 06:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/13/25 14:50*	*08/14/25 06:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00181**	**J**	0.00201	0.000435	mg/Kg			08/14/25 06:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**434**		49.8		mg/Kg			08/19/25 19:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 19:39	1
Diesel Range Organics (Over C10-C28)	**434**		49.8		mg/Kg		08/12/25 12:59	08/19/25 19:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/12/25 12:59*	*08/19/25 19:39*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/25 12:59*	*08/19/25 19:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1590**		49.7	1.96	mg/Kg			08/13/25 20:12	5

Client Sample ID: SB-2 (10)

Date Collected: 08/11/25 14:55
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-90

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000380	U	0.000994	0.000380	mg/Kg		08/13/25 14:50	08/14/25 01:37	1
Toluene	<0.00120	U	0.00497	0.00120	mg/Kg		08/13/25 14:50	08/14/25 01:37	1
Ethylbenzene	<0.000303	U	0.000994	0.000303	mg/Kg		08/13/25 14:50	08/14/25 01:37	1
m,p-Xylenes	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 01:37	1
o-Xylene	<0.000314	U	0.000994	0.000314	mg/Kg		08/13/25 14:50	08/14/25 01:37	1
Xylenes, Total	<0.000430	U	0.00199	0.000430	mg/Kg		08/13/25 14:50	08/14/25 01:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*56 - 150*	*08/13/25 14:50*	*08/14/25 01:37*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*	*08/13/25 14:50*	*08/14/25 01:37*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 880-61361-1
Project/Site: EBDU 37

Client Sample ID: SB-2 (10)
Lab Sample ID: 880-61361-90
Date Collected: 08/11/25 14:55
Matrix: Solid
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*84*		*53 - 142*	*08/13/25 14:50*	*08/14/25 01:37*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 14:50*	*08/14/25 01:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000430	U	0.00199	0.000430	mg/Kg			08/14/25 01:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**75.5**		50.0		mg/Kg			08/19/25 19:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 19:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 19:54	1
Oil Range Organics (Over C28-C36)	**75.5**		50.0		mg/Kg		08/12/25 12:59	08/19/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/12/25 12:59*	*08/19/25 19:54*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/12/25 12:59*	*08/19/25 19:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**262**		9.96	0.393	mg/Kg			08/13/25 20:17	1

Client Sample ID: SB-2 (12)
Lab Sample ID: 880-61361-91
Date Collected: 08/11/25 15:00
Matrix: Solid
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 03:06	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 03:06	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 03:06	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 03:06	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 03:06	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 03:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*56 - 150*	*08/13/25 14:50*	*08/15/25 03:06*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/13/25 14:50*	*08/15/25 03:06*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*	*08/13/25 14:50*	*08/15/25 03:06*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:50*	*08/15/25 03:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 03:06	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (12)

Lab Sample ID: 880-61361-91
Matrix: Solid
Date Collected: 08/11/25 15:00
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 20:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 20:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 20:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/12/25 12:59*	*08/19/25 20:23*	*1*
o-Terphenyl	*105*		*70 - 130*	*08/12/25 12:59*	*08/19/25 20:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3220**		50.2	1.98	mg/Kg			08/13/25 20:23	5

Client Sample ID: SB-2 (15)

Lab Sample ID: 880-61361-92
Matrix: Solid
Date Collected: 08/11/25 15:05
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 03:30	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 03:30	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 03:30	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 03:30	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 03:30	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/13/25 14:50*	*08/15/25 03:30*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*	*08/13/25 14:50*	*08/15/25 03:30*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/13/25 14:50*	*08/15/25 03:30*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/13/25 14:50*	*08/15/25 03:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 03:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 20:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 20:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 20:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 20:38	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (15)

Lab Sample ID: 880-61361-92
Matrix: Solid
Date Collected: 08/11/25 15:05
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/12/25 12:59*	*08/19/25 20:38*	*1*
o-Terphenyl	*108*		*70 - 130*	*08/12/25 12:59*	*08/19/25 20:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**307**		10.1	0.399	mg/Kg			08/13/25 20:40	1

Client Sample ID: SB-2 (18)

Lab Sample ID: 880-61361-93
Matrix: Solid
Date Collected: 08/11/25 15:10
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 02:18	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 02:18	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 02:18	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 02:18	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 02:18	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/13/25 14:50*	*08/15/25 02:18*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/15/25 02:18*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/13/25 14:50*	*08/15/25 02:18*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/13/25 14:50*	*08/15/25 02:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 02:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 20:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 20:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 20:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 12:59*	*08/19/25 20:52*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/25 12:59*	*08/19/25 20:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1820**		50.4	1.99	mg/Kg			08/13/25 20:46	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: DUP8-S

Lab Sample ID: 880-61361-94
Matrix: Solid
Date Collected: 08/11/25 00:00
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 02:42	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 02:42	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 02:42	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 02:42	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 02:42	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*	*08/13/25 14:50*	*08/15/25 02:42*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/15/25 02:42*	*1*
Dibromofluoromethane (Surr)	*102*		*53 - 142*	*08/13/25 14:50*	*08/15/25 02:42*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/13/25 14:50*	*08/15/25 02:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 02:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 21:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 21:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 21:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:08*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1310**		9.98	0.394	mg/Kg			08/13/25 21:03	1

Client Sample ID: SB-2 (20)

Lab Sample ID: 880-61361-95
Matrix: Solid
Date Collected: 08/11/25 15:15
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/16/25 15:50	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/16/25 15:50	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/16/25 15:50	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/16/25 15:50	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/16/25 15:50	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/16/25 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*	*08/13/25 14:50*	*08/16/25 15:50*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (20)

Lab Sample ID: 880-61361-95
Matrix: Solid
Date Collected: 08/11/25 15:15
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/13/25 14:50*	*08/16/25 15:50*	*1*
Dibromofluoromethane (Surr)	*80*		*53 - 142*	*08/13/25 14:50*	*08/16/25 15:50*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:50*	*08/16/25 15:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/16/25 15:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 21:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 21:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 21:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 21:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:22*	*1*
o-Terphenyl	*114*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2070**		49.6	1.96	mg/Kg			08/13/25 21:08	5

Client Sample ID: SB-2 (25)

Lab Sample ID: 880-61361-96
Matrix: Solid
Date Collected: 08/11/25 15:30
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/15/25 03:54	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/15/25 03:54	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/15/25 03:54	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 03:54	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/15/25 03:54	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/15/25 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*08/13/25 14:50*	*08/15/25 03:54*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/13/25 14:50*	*08/15/25 03:54*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*	*08/13/25 14:50*	*08/15/25 03:54*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/13/25 14:50*	*08/15/25 03:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 03:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (25)

Lab Sample ID: 880-61361-96
Matrix: Solid
Date Collected: 08/11/25 15:30
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 21:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 21:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 21:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:38*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**940**		9.96	0.393	mg/Kg			08/13/25 21:14	1

Client Sample ID: SB-2 (35)

Lab Sample ID: 880-61361-97
Matrix: Solid
Date Collected: 08/11/25 15:50
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 04:16	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 04:16	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 04:16	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 04:16	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 04:16	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:21*	*08/14/25 04:16*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/13/25 14:21*	*08/14/25 04:16*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*08/13/25 14:21*	*08/14/25 04:16*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/13/25 14:21*	*08/14/25 04:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 04:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 21:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 21:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 21:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 21:52	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (35)

Lab Sample ID: 880-61361-97
Matrix: Solid
Date Collected: 08/11/25 15:50
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:52*	*1*
o-Terphenyl	*110*		*70 - 130*	*08/12/25 12:59*	*08/19/25 21:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4250**		50.4	1.99	mg/Kg			08/13/25 21:20	5

Client Sample ID: SB-1 (01)

Lab Sample ID: 880-61361-98
Matrix: Solid
Date Collected: 08/11/25 10:33
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 00:51	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 00:51	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 00:51	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 00:51	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 00:51	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*	*08/13/25 14:21*	*08/14/25 00:51*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 152*	*08/13/25 14:21*	*08/14/25 00:51*	*1*
Dibromofluoromethane (Surr)	*84*		*53 - 142*	*08/13/25 14:21*	*08/14/25 00:51*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/13/25 14:21*	*08/14/25 00:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 00:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/19/25 22:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/12/25 12:59	08/19/25 22:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/12/25 12:59	08/19/25 22:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/12/25 12:59	08/19/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*08/12/25 12:59*	*08/19/25 22:07*	*1*
o-Terphenyl	*109*		*70 - 130*	*08/12/25 12:59*	*08/19/25 22:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**912**		49.7	1.96	mg/Kg			08/13/25 21:25	5

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (50)

Lab Sample ID: 880-61361-99
Matrix: Solid
Date Collected: 08/11/25 10:00
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 03:55	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 03:55	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 03:55	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 03:55	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 03:55	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 03:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/13/25 14:21*	*08/14/25 03:55*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/13/25 14:21*	*08/14/25 03:55*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*	*08/13/25 14:21*	*08/14/25 03:55*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*	*08/13/25 14:21*	*08/14/25 03:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 03:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 22:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 22:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 22:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*08/12/25 12:59*	*08/19/25 22:21*	*1*
o-Terphenyl	*106*		*70 - 130*	*08/12/25 12:59*	*08/19/25 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**60.3**		9.96	0.393	mg/Kg			08/13/25 21:31	1

Client Sample ID: SB-1 (05)

Lab Sample ID: 880-61361-100
Matrix: Solid
Date Collected: 08/11/25 10:45
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 04:37	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 04:37	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 04:37	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 04:37	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 04:37	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/13/25 14:21*	*08/14/25 04:37*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

Client Sample ID: SB-1 (05) Lab Sample ID: 880-61361-100

Date Collected: 08/11/25 10:45 **Matrix: Solid**
Date Received: 08/12/25 10:15

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/13/25 14:21*	*08/14/25 04:37*	*1*
Dibromofluoromethane (Surr)	*107*		*53 - 142*	*08/13/25 14:21*	*08/14/25 04:37*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*	*08/13/25 14:21*	*08/14/25 04:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 04:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 22:35	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 22:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*08/12/25 12:59*	*08/19/25 22:35*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/19/25 22:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**952**		10.1	0.399	mg/Kg			08/13/25 21:37	1

Client Sample ID: SB-1 (10) Lab Sample ID: 880-61361-101

Date Collected: 08/11/25 10:50 **Matrix: Solid**
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000379	U	0.000990	0.000379	mg/Kg		08/13/25 14:21	08/14/25 01:41	1
Toluene	<0.00120	U	0.00495	0.00120	mg/Kg		08/13/25 14:21	08/14/25 01:41	1
Ethylbenzene	<0.000301	U	0.000990	0.000301	mg/Kg		08/13/25 14:21	08/14/25 01:41	1
m,p-Xylenes	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/14/25 01:41	1
o-Xylene	<0.000313	U	0.000990	0.000313	mg/Kg		08/13/25 14:21	08/14/25 01:41	1
Xylenes, Total	<0.000429	U	0.00198	0.000429	mg/Kg		08/13/25 14:21	08/14/25 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:21*	*08/14/25 01:41*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/13/25 14:21*	*08/14/25 01:41*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:21*	*08/14/25 01:41*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:21*	*08/14/25 01:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000429	U	0.00198	0.000429	mg/Kg			08/14/25 01:41	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (10)

Lab Sample ID: 880-61361-101
Matrix: Solid
Date Collected: 08/11/25 10:50
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 09:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 09:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 09:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*78*		*70 - 130*	*08/12/25 12:59*	*08/19/25 09:47*	*1*
o-Terphenyl	*79*		*70 - 130*	*08/12/25 12:59*	*08/19/25 09:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2620	F1	50.3	1.99	mg/Kg			08/14/25 19:30	5

Client Sample ID: SB-1 (15)

Lab Sample ID: 880-61361-102
Matrix: Solid
Date Collected: 08/11/25 10:55
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.000996	0.000381	mg/Kg		08/13/25 14:21	08/14/25 01:16	1
Toluene	<0.00121	U	0.00498	0.00121	mg/Kg		08/13/25 14:21	08/14/25 01:16	1
Ethylbenzene	<0.000303	U	0.000996	0.000303	mg/Kg		08/13/25 14:21	08/14/25 01:16	1
m,p-Xylenes	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 01:16	1
o-Xylene	<0.000315	U	0.000996	0.000315	mg/Kg		08/13/25 14:21	08/14/25 01:16	1
Xylenes, Total	<0.000431	U	0.00199	0.000431	mg/Kg		08/13/25 14:21	08/14/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*08/13/25 14:21*	*08/14/25 01:16*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*	*08/13/25 14:21*	*08/14/25 01:16*	*1*
Dibromofluoromethane (Surr)	*86*		*53 - 142*	*08/13/25 14:21*	*08/14/25 01:16*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:21*	*08/14/25 01:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000431	U	0.00199	0.000431	mg/Kg			08/14/25 01:16	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 09:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 09:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 09:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 09:01	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (15)

Date Collected: 08/11/25 10:55
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-102

Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	08/12/25 12:59	08/19/25 09:01	1
o-Terphenyl	81		70 - 130	08/12/25 12:59	08/19/25 09:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		50.5	1.99	mg/Kg			08/14/25 19:52	5

Client Sample ID: SB-1 (20)

Date Collected: 08/11/25 11:05
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-103

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 02:06	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 02:06	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 02:06	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 02:06	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 02:06	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 02:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		56 - 150	08/13/25 14:50	08/14/25 02:06	1
4-Bromofluorobenzene (Surr)	95		68 - 152	08/13/25 14:50	08/14/25 02:06	1
Dibromofluoromethane (Surr)	88		53 - 142	08/13/25 14:50	08/14/25 02:06	1
Toluene-d8 (Surr)	96		70 - 130	08/13/25 14:50	08/14/25 02:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 02:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 10:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 10:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 10:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 10:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	08/12/25 12:59	08/19/25 10:03	1
o-Terphenyl	77		70 - 130	08/12/25 12:59	08/19/25 10:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	243		10.1	0.398	mg/Kg			08/14/25 20:00	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (25)

Lab Sample ID: 880-61361-104
Matrix: Solid
Date Collected: 08/11/25 11:15
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg		08/13/25 14:50	08/18/25 12:21	1
Toluene	<0.00500	U	0.00500		mg/Kg		08/13/25 14:50	08/18/25 12:21	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg		08/13/25 14:50	08/18/25 12:21	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/13/25 14:50	08/18/25 12:21	1
o-Xylene	<0.00100	U	0.00100		mg/Kg		08/13/25 14:50	08/18/25 12:21	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/13/25 14:50	08/18/25 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*56 - 150*	*08/13/25 14:50*	*08/18/25 12:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 14:50*	*08/18/25 12:21*	*1*
Dibromofluoromethane (Surr)	*84*		*53 - 142*	*08/13/25 14:50*	*08/18/25 12:21*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/18/25 12:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/18/25 12:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 10:18	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 10:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 10:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 10:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/12/25 12:59*	*08/19/25 10:18*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/12/25 12:59*	*08/19/25 10:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**283**		9.96	0.393	mg/Kg			08/14/25 20:07	1

Client Sample ID: SB-1 (30)

Lab Sample ID: 880-61361-105
Matrix: Solid
Date Collected: 08/11/25 11:25
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 02:31	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 02:31	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 02:31	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 02:31	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 02:31	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*08/13/25 14:50*	*08/14/25 02:31*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (30)
Date Collected: 08/11/25 11:25
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-105
Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/13/25 14:50*	*08/14/25 02:31*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:50*	*08/14/25 02:31*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/13/25 14:50*	*08/14/25 02:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 02:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 10:34	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 10:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 10:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/12/25 12:59*	*08/19/25 10:34*	*1*
o-Terphenyl	*75*		*70 - 130*	*08/12/25 12:59*	*08/19/25 10:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.3**		10.0	0.395	mg/Kg			08/14/25 20:15	1

Client Sample ID: SB-1 (35)
Date Collected: 08/11/25 11:35
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-106
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg		08/13/25 14:50	08/14/25 02:56	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg		08/13/25 14:50	08/14/25 02:56	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg		08/13/25 14:50	08/14/25 02:56	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 02:56	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg		08/13/25 14:50	08/14/25 02:56	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg		08/13/25 14:50	08/14/25 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/13/25 14:50*	*08/14/25 02:56*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/13/25 14:50*	*08/14/25 02:56*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/13/25 14:50*	*08/14/25 02:56*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:50*	*08/14/25 02:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 02:56	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (35)

Lab Sample ID: 880-61361-106
Matrix: Solid
Date Collected: 08/11/25 11:35
Date Received: 08/12/25 10:15

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/19/25 10:50	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 10:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 10:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/12/25 12:59*	*08/19/25 10:50*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/12/25 12:59*	*08/19/25 10:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		10.0	0.397	mg/Kg			08/14/25 20:38	1

Client Sample ID: SB-1 (40)

Lab Sample ID: 880-61361-107
Matrix: Solid
Date Collected: 08/11/25 11:45
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000386	U	0.00101	0.000386	mg/Kg		08/13/25 14:50	08/14/25 04:00	1
Toluene	<0.00122	U	0.00504	0.00122	mg/Kg		08/13/25 14:50	08/14/25 04:00	1
Ethylbenzene	<0.000307	U	0.00101	0.000307	mg/Kg		08/13/25 14:50	08/14/25 04:00	1
m,p-Xylenes	<0.000436	U	0.00202	0.000436	mg/Kg		08/13/25 14:50	08/14/25 04:00	1
o-Xylene	<0.000319	U	0.00101	0.000319	mg/Kg		08/13/25 14:50	08/14/25 04:00	1
Xylenes, Total	<0.000436	U	0.00202	0.000436	mg/Kg		08/13/25 14:50	08/14/25 04:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/13/25 14:50*	*08/14/25 04:00*	*1*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/13/25 14:50*	*08/14/25 04:00*	*1*
Dibromofluoromethane (Surr)	*77*		*53 - 142*	*08/13/25 14:50*	*08/14/25 04:00*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/13/25 14:50*	*08/14/25 04:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000436	U	0.00202	0.000436	mg/Kg			08/14/25 04:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/19/25 11:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 11:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 11:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 12:59	08/19/25 11:06	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (40)

Lab Sample ID: 880-61361-107
Matrix: Solid
Date Collected: 08/11/25 11:45
Date Received: 08/12/25 10:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*76*		*70 - 130*	*08/12/25 12:59*	*08/19/25 11:06*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/12/25 12:59*	*08/19/25 11:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.9**		10.0	0.396	mg/Kg			08/14/25 20:45	1

Client Sample ID: SB-1 (45)

Lab Sample ID: 880-61361-108
Matrix: Solid
Date Collected: 08/11/25 11:55
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00101	0.000385	mg/Kg		08/13/25 14:50	08/14/25 03:36	1
Toluene	<0.00122	U	0.00503	0.00122	mg/Kg		08/13/25 14:50	08/14/25 03:36	1
Ethylbenzene	<0.000306	U	0.00101	0.000306	mg/Kg		08/13/25 14:50	08/14/25 03:36	1
m,p-Xylenes	<0.000436	U	0.00201	0.000436	mg/Kg		08/13/25 14:50	08/14/25 03:36	1
o-Xylene	<0.000318	U	0.00101	0.000318	mg/Kg		08/13/25 14:50	08/14/25 03:36	1
Xylenes, Total	<0.000436	U	0.00201	0.000436	mg/Kg		08/13/25 14:50	08/14/25 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/13/25 14:50*	*08/14/25 03:36*	*1*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/13/25 14:50*	*08/14/25 03:36*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*	*08/13/25 14:50*	*08/14/25 03:36*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*	*08/13/25 14:50*	*08/14/25 03:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000436	U	0.00201	0.000436	mg/Kg			08/14/25 03:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/19/25 11:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 11:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 11:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 12:59	08/19/25 11:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/12/25 12:59*	*08/19/25 11:22*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/12/25 12:59*	*08/19/25 11:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.5**		9.98	0.394	mg/Kg			08/14/25 20:53	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (2.5-3)

Lab Sample ID: 880-61361-109
Matrix: Solid
Date Collected: 08/11/25 14:25
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0191	U	0.0500	0.0191	mg/Kg		08/13/25 14:50	08/14/25 02:00	50
Toluene	**0.0860**	**J**	0.250	0.0606	mg/Kg		08/13/25 14:50	08/14/25 02:00	50
Ethylbenzene	**2.39**		0.0500	0.0152	mg/Kg		08/13/25 14:50	08/14/25 02:00	50
m,p-Xylenes	**4.89**		0.100	0.0216	mg/Kg		08/13/25 14:50	08/14/25 02:00	50
o-Xylene	**1.38**		0.0500	0.0158	mg/Kg		08/13/25 14:50	08/14/25 02:00	50
Xylenes, Total	**6.27**		0.100	0.0216	mg/Kg		08/13/25 14:50	08/14/25 02:00	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*	*08/13/25 14:50*	*08/14/25 02:00*	*50*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/13/25 14:50*	*08/14/25 02:00*	*50*
Dibromofluoromethane (Surr)	*81*		*53 - 142*	*08/13/25 14:50*	*08/14/25 02:00*	*50*
Toluene-d8 (Surr)	*106*		*70 - 130*	*08/13/25 14:50*	*08/14/25 02:00*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**8.75**		0.100	0.0216	mg/Kg			08/14/25 02:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2150**		49.8		mg/Kg			08/16/25 22:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**205**		49.8		mg/Kg		08/12/25 08:11	08/16/25 22:23	1
Diesel Range Organics (Over C10-C28)	**1700**		49.8		mg/Kg		08/12/25 08:11	08/16/25 22:23	1
Oil Range Organics (Over C28-C36)	**240**		49.8		mg/Kg		08/12/25 08:11	08/16/25 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/12/25 08:11*	*08/16/25 22:23*	*1*
o-Terphenyl	*96*		*70 - 130*	*08/12/25 08:11*	*08/16/25 22:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**716**		10.0	0.395	mg/Kg			08/14/25 21:01	1

Client Sample ID: SB-2 (30)

Lab Sample ID: 880-61361-110
Matrix: Solid
Date Collected: 08/11/25 15:40
Date Received: 08/12/25 10:15

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000382	U	0.000998	0.000382	mg/Kg		08/13/25 14:50	08/14/25 02:24	1
Toluene	<0.00121	U	0.00499	0.00121	mg/Kg		08/13/25 14:50	08/14/25 02:24	1
Ethylbenzene	<0.000304	U	0.000998	0.000304	mg/Kg		08/13/25 14:50	08/14/25 02:24	1
m,p-Xylenes	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 02:24	1
o-Xylene	<0.000315	U	0.000998	0.000315	mg/Kg		08/13/25 14:50	08/14/25 02:24	1
Xylenes, Total	<0.000432	U	0.00200	0.000432	mg/Kg		08/13/25 14:50	08/14/25 02:24	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (30)
Date Collected: 08/11/25 15:40
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-110
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/13/25 14:50*	*08/14/25 02:24*	*1*
4-Bromofluorobenzene (Surr)	*90*		*68 - 152*	*08/13/25 14:50*	*08/14/25 02:24*	*1*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/13/25 14:50*	*08/14/25 02:24*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/13/25 14:50*	*08/14/25 02:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000432	U	0.00200	0.000432	mg/Kg			08/14/25 02:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 22:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 22:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 22:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:11	08/16/25 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*08/12/25 08:11*	*08/16/25 22:44*	*1*
o-Terphenyl	*72*		*70 - 130*	*08/12/25 08:11*	*08/16/25 22:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1340**		50.2	1.98	mg/Kg			08/15/25 09:33	5

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (56-150)	BFB (68-152)	DBFM (53-142)	TOL (70-130)
880-61361-1	DUP-5-S	102	98	86	93
880-61361-1 MS	DUP-5-S	102	94	101	103
880-61361-2	TMW-37 (0-5)	94	103	85	96
880-61361-3	TMW-37 (5-10)	85	100	75	96
880-61361-4	TMW-37 (10-15)	105	95	89	97
880-61361-5	TMW-37 (15-20)	91	100	83	94
880-61361-6	TMW-37 (20-25)	95	99	86	94
880-61361-7	TMW-37 (25-30)	85	100	79	96
880-61361-8	TMW-37 (30-35)	82	102	80	97
880-61361-9	TMW-37 (35-40)	90	100	81	96
880-61361-10	TMW-37 (40-45)	89	99	80	95
880-61361-11	TMW-37 (45-50)	88	98	83	95
880-61361-12	TMW-37 (50-55)	88	99	85	95
880-61361-13	TMW-37 (55-60)	88	98	83	94
880-61361-14	TMW-34 (0-5)	92	101	87	96
880-61361-15	TMW-34 (5-10)	107	96	89	94
880-61361-16	TMW-34 (10-15)	108	95	86	93
880-61361-17	TMW-34 (15-20)	105	94	87	97
880-61361-17	TMW-34 (15-20)	109	97	87	96
880-61361-18	TMW-34 (20-25)	106	96	87	95
880-61361-19	TMW-34 (25-30)	92	97	86	94
880-61361-20	TMW-34 (30-35)	93	100	86	96
880-61361-21	TMW-34 (35-40)	94	97	89	95
880-61361-22	TMW-34 (40-45)	92	98	88	95
880-61361-23	TMW-34 (45-50)	90	97	88	91
880-61361-24	TMW-34 (50-55)	91	98	88	94
880-61361-25	TMW-34 (55-60)	102	109	100	97
880-61361-26	TMW-34 (60-65)	102	109	105	98
880-61361-27	TMW-34 (65-70)	106	107	110	100
880-61361-28	TMW-34 (70-75)	105	107	108	100
880-61361-29	TMW-34 (75-80)	101	104	108	101
880-61361-30	TMW-34 (80-85)	100	105	109	103
880-61361-31	TMW-34 (85-90)	95	98	90	94
880-61361-32	TMW-36 (55-60)	99	96	92	93
880-61361-33	TMW-36 (60-65)	101	97	91	92
880-61361-34	TMW-36 (65-70)	103	106	105	97
880-61361-35	TMW-36 (70-75)	101	95	91	94
880-61361-36	TMW-36 (75-80)	104	108	109	100
880-61361-37	TMW-31 (0-5)	103	106	111	102
880-61361-38	TMW-31 (5-10)	103	110	111	104
880-61361-39	TMW-31 (10-15)	88	101	82	95
880-61361-40	TMW-31 (15-20)	95	99	89	93
880-61361-41	TMW-31 (20-25)	96	96	88	93
880-61361-42	TMW-31 (25-30)	99	95	89	93
880-61361-43	TMW-31 (30-35)	95	95	91	92
880-61361-44	TMW-31 (35-40)	93	95	89	91
880-61361-45	TMW-31 (40-45)	97	95	91	89
880-61361-46	TMW-31 (45-50)	95	95	89	92
880-61361-47	TMW-31 (50-55)	96	97	92	91

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
880-61361-48	TMW-31 (55-60)	96	97	92	93
880-61361-49	TMW-31 (60-65)	93	98	89	94
880-61361-50	TMW-31 (65-70)	96	98	90	91
880-61361-51	TMW-31 (70-75)	97	96	91	91
880-61361-52	TMW-31 (75-80)	99	95	91	91
880-61361-53	DUP-6-S	95	95	91	91
880-61361-54	TMW-30 (0-5)	111	93	92	92
880-61361-55	TMW-30 (5-10)	93	100	85	95
880-61361-56	TMW-30 (10-15)	113	96	89	94
880-61361-57	TMW-30 (15-20)	118	88	83	98
880-61361-58	TMW-30 (20-25)	118	90	82	96
880-61361-59	TMW-30 (25-30)	105	97	86	95
880-61361-60	TMW-30 (30-35)	108	98	88	96
880-61361-61	TMW-30 (35-40)	98	95	88	91
880-61361-62	TMW-30 (40-45)	97	98	90	92
880-61361-63	TMW-30 (45-50)	106	98	101	99
880-61361-64	TMW-30 (50-55)	106	97	102	96
880-61361-65	TMW-30 (55-60)	105	99	103	97
880-61361-66	TMW-30 (60-65)	101	99	101	97
880-61361-67	TMW-30 (65-70)	112	96	100	96
880-61361-68	TMW-30 (70-75)	96	100	84	94
880-61361-69	TMW-30 (75-80)	102	106	106	105
880-61361-70	TMW-30 (80-85)	106	108	110	104
880-61361-71	TMW-36 (0-5)	105	109	112	103
880-61361-72	TMW-36 (5-10)	100	105	107	102
880-61361-73	TMW-36 (10-15)	102	109	109	101
880-61361-74	TMW-36 (15-20)	104	107	106	106
880-61361-75	TMW-36 (20-25)	98	99	94	93
880-61361-76	TMW-36 (25-30)	100	106	106	100
880-61361-77	TMW-36 (30-35)	99	98	92	93
880-61361-78	TMW-36 (35-40)	95	99	89	95
880-61361-79	TMW-36 (40-45)	97	98	94	93
880-61361-80	TMW-36 (45-50)	98	98	91	95
880-61361-81	TMW-36 (50-55)	105	95	87	97
880-61361-82	SB-2 (40)	103	97	89	97
880-61361-83	SB-2 (45)	100	96	91	94
880-61361-84	SB-2 (50)	107	94	87	95
880-61361-85	SB-2 (0-2.5)	113	101	92	96
880-61361-86	DUP-7-S	100	97	92	91
880-61361-87	SB-2 (4-4.5)	113	90	77	90
880-61361-88	SB-2 (6)	109	93	86	88
880-61361-89	SB-2 (8)	93	111	77	101
880-61361-90	SB-2 (10)	109	91	84	94
880-61361-91	SB-2 (12)	119	93	104	97
880-61361-92	SB-2 (15)	115	98	102	98
880-61361-93	SB-2 (18)	112	97	100	98
880-61361-94	DUP8-S	114	97	102	99
880-61361-95	SB-2 (20)	91	100	80	93
880-61361-96	SB-2 (25)	110	94	104	99
880-61361-97	SB-2 (35)	105	109	107	101

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
880-61361-98	SB-1 (01)	102	92	84	98
880-61361-99	SB-1 (50)	108	105	104	105
880-61361-100	SB-1 (05)	112	106	107	102
880-61361-101	SB-1 (10)	105	95	88	96
880-61361-102	SB-1 (15)	107	96	86	95
880-61361-103	SB-1 (20)	104	95	88	96
880-61361-104	SB-1 (25)	91	99	84	96
880-61361-105	SB-1 (30)	107	94	88	96
880-61361-106	SB-1 (35)	105	97	88	97
880-61361-107	SB-1 (40)	112	90	77	97
880-61361-108	SB-1 (45)	115	90	81	95
880-61361-109	SB-2 (2.5-3)	106	93	81	106
880-61361-110	SB-2 (30)	111	90	85	93
LCS 860-254795/3	Lab Control Sample	98	94	97	104
LCS 860-254798/3	Lab Control Sample	106	96	97	102
LCS 860-254976/3	Lab Control Sample	99	101	97	99
LCS 860-254980/3	Lab Control Sample	102	95	86	96
LCS 860-254995/3	Lab Control Sample	98	95	97	103
LCS 860-255000/3	Lab Control Sample	107	99	89	95
LCS 860-255076/3	Lab Control Sample	103	93	88	97
LCS 860-255082/3	Lab Control Sample	99	96	101	102
LCS 860-255256/1014	Lab Control Sample	101	101	98	101
LCS 860-255329/3	Lab Control Sample	99	95	98	103
LCS 860-255609/3	Lab Control Sample	96	95	97	104
LCS 860-255759/3	Lab Control Sample	97	95	100	103
LCSD 860-254795/4	Lab Control Sample Dup	97	95	98	103
LCSD 860-254798/4	Lab Control Sample Dup	106	112	97	101
LCSD 860-254976/4	Lab Control Sample Dup	98	96	97	99
LCSD 860-254980/4	Lab Control Sample Dup	104	94	87	100
LCSD 860-254995/4	Lab Control Sample Dup	98	93	99	103
LCSD 860-255000/4	Lab Control Sample Dup	108	94	91	100
LCSD 860-255076/4	Lab Control Sample Dup	105	95	87	98
LCSD 860-255082/4	Lab Control Sample Dup	97	99	99	102
LCSD 860-255256/16	Lab Control Sample Dup	102	99	100	100
LCSD 860-255329/4	Lab Control Sample Dup	95	96	98	103
LCSD 860-255609/4	Lab Control Sample Dup	97	97	98	103
LCSD 860-255759/4	Lab Control Sample Dup	97	95	98	104
MB 860-254795/7	Method Blank	90	96	81	95
MB 860-254798/8	Method Blank	97	91	93	96
MB 860-254976/7	Method Blank	103	103	104	102
MB 860-254980/8	Method Blank	106	97	88	97
MB 860-254995/7	Method Blank	93	99	84	93
MB 860-255000/8	Method Blank	101	94	90	96
MB 860-255076/8	Method Blank	105	94	88	96
MB 860-255082/7	Method Blank	87	100	83	95
MB 860-255256/20	Method Blank	103	97	99	100
MB 860-255329/7	Method Blank	89	98	84	94
MB 860-255609/7	Method Blank	92	99	85	95
MB 860-255759/7	Method Blank	90	101	85	94

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-61361-1	DUP-5-S	90	93										
880-61361-1 MS	DUP-5-S	101	96										
880-61361-1 MSD	DUP-5-S	106	96										
880-61361-2	TMW-37 (0-5)	102	101										
880-61361-3	TMW-37 (5-10)	104	111										
880-61361-4	TMW-37 (10-15)	101	103										
880-61361-5	TMW-37 (15-20)	95	98										
880-61361-6	TMW-37 (20-25)	94	97										
880-61361-7	TMW-37 (25-30)	99	100										
880-61361-8	TMW-37 (30-35)	100	103										
880-61361-9	TMW-37 (35-40)	105	108										
880-61361-10	TMW-37 (40-45)	101	107										
880-61361-11	TMW-37 (45-50)	114	123										
880-61361-12	TMW-37 (50-55)	111	122										
880-61361-13	TMW-37 (55-60)	105	116										
880-61361-14	TMW-34 (0-5)	109	114										
880-61361-15	TMW-34 (5-10)	108	117										
880-61361-16	TMW-34 (10-15)	104	111										
880-61361-17	TMW-34 (15-20)	107	117										
880-61361-18	TMW-34 (20-25)	85	88										
880-61361-19	TMW-34 (25-30)	72	77										
880-61361-20	TMW-34 (30-35)	73	78										
880-61361-21	TMW-34 (35-40)	100	120										
880-61361-21 MS	TMW-34 (35-40)	115	116										
880-61361-21 MSD	TMW-34 (35-40)	116	116										
880-61361-22	TMW-34 (40-45)	108	123										
880-61361-23	TMW-34 (45-50)	104	116										
880-61361-24	TMW-34 (50-55)	98	116										
880-61361-25	TMW-34 (55-60)	96	118										
880-61361-26	TMW-34 (60-65)	107	127										
880-61361-27	TMW-34 (65-70)	103	121										
880-61361-28	TMW-34 (70-75)	102	120										
880-61361-29	TMW-34 (75-80)	102	118										
880-61361-30	TMW-34 (80-85)	102	119										
880-61361-31	TMW-34 (85-90)	107	122										
880-61361-32	TMW-36 (55-60)	101	123										
880-61361-33	TMW-36 (60-65)	93	108										
880-61361-34	TMW-36 (65-70)	102	119										
880-61361-35	TMW-36 (70-75)	111	132 S1+										
880-61361-36	TMW-36 (75-80)	102	119										
880-61361-36	TMW-36 (75-80)	101	105										
880-61361-36 MS	TMW-36 (75-80)	110	108										
880-61361-36 MSD	TMW-36 (75-80)	110	106										
880-61361-37	TMW-31 (0-5)	103	119										

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-61361-38	TMW-31 (5-10)	111	122								
880-61361-39	TMW-31 (10-15)	104	115								
880-61361-40	TMW-31 (15-20)	102	117								
880-61361-41	TMW-31 (20-25)	107	125								
880-61361-41 MS	TMW-31 (20-25)	109	111								
880-61361-41 MSD	TMW-31 (20-25)	112	112								
880-61361-42	TMW-31 (25-30)	102	120								
880-61361-43	TMW-31 (30-35)	99	111								
880-61361-44	TMW-31 (35-40)	100	115								
880-61361-45	TMW-31 (40-45)	102	118								
880-61361-46	TMW-31 (45-50)	98	114								
880-61361-47	TMW-31 (50-55)	105	121								
880-61361-48	TMW-31 (55-60)	99	116								
880-61361-49	TMW-31 (60-65)	102	118								
880-61361-50	TMW-31 (65-70)	107	125								
880-61361-51	TMW-31 (70-75)	101	117								
880-61361-52	TMW-31 (75-80)	98	115								
880-61361-53	DUP-6-S	101	116								
880-61361-54	TMW-30 (0-5)	103	116								
880-61361-55	TMW-30 (5-10)	105	120								
880-61361-56	TMW-30 (10-15)	103	117								
880-61361-57	TMW-30 (15-20)	100	116								
880-61361-58	TMW-30 (20-25)	115	132 S1+								
880-61361-59	TMW-30 (25-30)	114	132 S1+								
880-61361-60	TMW-30 (30-35)	119	139 S1+								
880-61361-61	TMW-30 (35-40)	115	112								
880-61361-61 MS	TMW-30 (35-40)	77	70								
880-61361-61 MSD	TMW-30 (35-40)	77	70								
880-61361-62	TMW-30 (40-45)	112	110								
880-61361-63	TMW-30 (45-50)	111	111								
880-61361-64	TMW-30 (50-55)	114	113								
880-61361-65	TMW-30 (55-60)	115	112								
880-61361-66	TMW-30 (60-65)	116	113								
880-61361-67	TMW-30 (65-70)	118	120								
880-61361-68	TMW-30 (70-75)	114	113								
880-61361-69	TMW-30 (75-80)	115	113								
880-61361-70	TMW-30 (80-85)	110	111								
880-61361-71	TMW-36 (0-5)	114	115								
880-61361-72	TMW-36 (5-10)	114	115								
880-61361-73	TMW-36 (10-15)	113	112								
880-61361-74	TMW-36 (15-20)	114	111								
880-61361-75	TMW-36 (20-25)	108	109								
880-61361-76	TMW-36 (25-30)	113	111								
880-61361-77	TMW-36 (30-35)	112	111								
880-61361-78	TMW-36 (35-40)	111	109								
880-61361-79	TMW-36 (40-45)	115	111								
880-61361-80	TMW-36 (45-50)	116	115								
880-61361-81	TMW-36 (50-55)	99	110								
880-61361-81 MS	TMW-36 (50-55)	126	130								
880-61361-81 MSD	TMW-36 (50-55)	125	127								

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-61361-82	SB-2 (40)	100	111								
880-61361-83	SB-2 (45)	98	107								
880-61361-84	SB-2 (50)	98	109								
880-61361-85	SB-2 (0-2.5)	86	120								
880-61361-86	DUP-7-S	102	112								
880-61361-87	SB-2 (4-4.5)	104	131 S1+								
880-61361-88	SB-2 (6)	98	111								
880-61361-89	SB-2 (8)	97	109								
880-61361-90	SB-2 (10)	96	108								
880-61361-91	SB-2 (12)	96	105								
880-61361-92	SB-2 (15)	99	108								
880-61361-93	SB-2 (18)	100	109								
880-61361-94	DUP8-S	100	112								
880-61361-95	SB-2 (20)	102	114								
880-61361-96	SB-2 (25)	100	113								
880-61361-97	SB-2 (35)	99	110								
880-61361-98	SB-1 (01)	97	109								
880-61361-99	SB-1 (50)	95	106								
880-61361-100	SB-1 (05)	101	111								
880-61361-101	SB-1 (10)	78	79								
880-61361-102	SB-1 (15)	77	81								
880-61361-102 MS	SB-1 (15)	110	107								
880-61361-102 MSD	SB-1 (15)	110	106								
880-61361-103	SB-1 (20)	74	77								
880-61361-104	SB-1 (25)	75	76								
880-61361-105	SB-1 (30)	74	75								
880-61361-106	SB-1 (35)	76	77								
880-61361-107	SB-1 (40)	76	76								
880-61361-108	SB-1 (45)	77	77								
880-61361-109	SB-2 (2.5-3)	100	96								
880-61361-110	SB-2 (30)	71	72								
LCS 880-116431/2-A	Lab Control Sample	142 S1+	136 S1+								
LCS 880-116506/2-A	Lab Control Sample	133 S1+	128								
LCS 880-116507/2-A	Lab Control Sample	117	129								
LCS 880-116508/2-A	Lab Control Sample	101	99								
LCS 880-116509/2-A	Lab Control Sample	128	121								
LCS 880-116510/2-A	Lab Control Sample	126	127								
LCS 880-116511/2-A	Lab Control Sample	76	87								
LCS 880-116866/2-A	Lab Control Sample	74	82								
LCS 880-117009/2-A	Lab Control Sample	72	71								
LCS 880-117130/2-A	Lab Control Sample	108	114								
LCS 880-118687/2-A	Lab Control Sample	132 S1+	125								
LCSD 880-116431/3-A	Lab Control Sample Dup	142 S1+	136 S1+								
LCSD 880-116506/3-A	Lab Control Sample Dup	145 S1+	140 S1+								
LCSD 880-116507/3-A	Lab Control Sample Dup	119	121								
LCSD 880-116508/3-A	Lab Control Sample Dup	101	98								
LCSD 880-116509/3-A	Lab Control Sample Dup	129	119								
LCSD 880-116510/3-A	Lab Control Sample Dup	116	117								
LCSD 880-116511/3-A	Lab Control Sample Dup	94	86								
LCSD 880-116866/3-A	Lab Control Sample Dup	93	81								

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
LCSD 880-117009/3-A	Lab Control Sample Dup	125	122								
LCSD 880-117130/3-A	Lab Control Sample Dup	111	114								
LCSD 880-118687/3-A	Lab Control Sample Dup	126	126								
MB 880-116431/1-A	Method Blank	141 S1+	140 S1+								
MB 880-116506/1-A	Method Blank	149 S1+	152 S1+								
MB 880-116507/1-A	Method Blank	91	102								
MB 880-116508/1-A	Method Blank	94	105								
MB 880-116509/1-A	Method Blank	108	111								
MB 880-116510/1-A	Method Blank	99	112								
MB 880-116511/1-A	Method Blank	81	89								
MB 880-116866/1-A	Method Blank	79	81								
MB 880-117009/1-A	Method Blank	110	109								
MB 880-117130/1-A	Method Blank	100	113								
MB 880-118687/1-A	Method Blank	114	117								

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: MB 860-254795/7
Matrix: Solid
Analysis Batch: 254795

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/13/25 10:37	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/13/25 10:37	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/13/25 10:37	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/13/25 10:37	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*08/13/25 10:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/13/25 10:37*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*		*08/13/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/13/25 10:37*	*1*

Lab Sample ID: LCS 860-254795/3
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04456		mg/Kg		89	66 - 142		
Toluene			0.0500	0.04481		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04839		mg/Kg		97	80 - 130		
m,p-Xylenes			0.0500	0.04797		mg/Kg		96	78 - 130		
o-Xylene			0.0500	0.04903		mg/Kg		98	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-254795/4
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04927		mg/Kg		99	66 - 142	10	25
Toluene			0.0500	0.04846		mg/Kg		97	74 - 130	8	25
Ethylbenzene			0.0500	0.05133		mg/Kg		103	80 - 130	6	25
m,p-Xylenes			0.0500	0.05166		mg/Kg		103	78 - 130	7	25
o-Xylene			0.0500	0.05294		mg/Kg		106	79 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: MB 860-254798/8
Matrix: Solid
Analysis Batch: 254798

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/13/25 10:56	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/13/25 10:56	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/13/25 10:56	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/13/25 10:56	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*		*08/13/25 10:56*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*		*08/13/25 10:56*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*		*08/13/25 10:56*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/13/25 10:56*	*1*

Lab Sample ID: LCS 860-254798/3
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04683		mg/Kg		94	66 - 142		
Toluene			0.0500	0.04499		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04662		mg/Kg		93	80 - 130		
m,p-Xylenes			0.0500	0.04555		mg/Kg		91	78 - 130		
o-Xylene			0.0500	0.04111		mg/Kg		82	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254798/4
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04696		mg/Kg		94	66 - 142	0	25
Toluene			0.0500	0.04603		mg/Kg		92	74 - 130	2	25
Ethylbenzene			0.0500	0.04740		mg/Kg		95	80 - 130	2	25
m,p-Xylenes			0.0500	0.04625		mg/Kg		92	78 - 130	2	25
o-Xylene			0.0500	0.04121		mg/Kg		82	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*112*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: 880-61361-1 MS
Matrix: Solid
Analysis Batch: 255609

Client Sample ID: DUP-5-S
Prep Type: Total/NA
Prep Batch: 254932

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0191	U	2.50	2.420		mg/Kg		97	71 - 119
Toluene	<0.0604	U	2.50	2.381		mg/Kg		95	74 - 122
Ethylbenzene	<0.0152	U	2.50	2.563		mg/Kg		103	80 - 123
m,p-Xylenes	<0.0216	U	2.50	2.545		mg/Kg		102	78 - 127
o-Xylene	<0.0158	U	2.50	2.698		mg/Kg		108	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*101*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 860-254976/7
Matrix: Solid
Analysis Batch: 254976

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/13/25 21:37	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/13/25 21:37	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/13/25 21:37	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 21:37	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/13/25 21:37	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 21:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*08/13/25 21:37*	*1*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*		*08/13/25 21:37*	*1*
Dibromofluoromethane (Surr)	*104*		*53 - 142*		*08/13/25 21:37*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*08/13/25 21:37*	*1*

Lab Sample ID: LCS 860-254976/3
Matrix: Solid
Analysis Batch: 254976

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.04495		mg/Kg		90	66 - 142
Toluene	0.0500	0.04255		mg/Kg		85	74 - 130
Ethylbenzene	0.0500	0.04513		mg/Kg		90	80 - 130
m,p-Xylenes	0.0500	0.04386		mg/Kg		88	78 - 130
o-Xylene	0.0500	0.04570		mg/Kg		91	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-254976/4
Matrix: Solid
Analysis Batch: 254976

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04467		mg/Kg		89	66 - 142	1	25
Toluene			0.0500	0.04365		mg/Kg		87	74 - 130	3	25
Ethylbenzene			0.0500	0.04497		mg/Kg		90	80 - 130	0	25
m,p-Xylenes			0.0500	0.04346		mg/Kg		87	78 - 130	1	25
o-Xylene			0.0500	0.04590		mg/Kg		92	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 860-254980/8
Matrix: Solid
Analysis Batch: 254980

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/14/25 00:26	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/14/25 00:26	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/14/25 00:26	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 00:26	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/14/25 00:26	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 00:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*		*08/14/25 00:26*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*		*08/14/25 00:26*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*		*08/14/25 00:26*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/14/25 00:26*	*1*

Lab Sample ID: LCS 860-254980/3
Matrix: Solid
Analysis Batch: 254980

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04013		mg/Kg		80	66 - 142		
Toluene			0.0500	0.04107		mg/Kg		82	74 - 130		
Ethylbenzene			0.0500	0.04335		mg/Kg		87	80 - 130		
m,p-Xylenes			0.0500	0.04220		mg/Kg		84	78 - 130		
o-Xylene			0.0500	0.04318		mg/Kg		86	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*86*		*53 - 142*
Toluene-d8 (Surr)	*96*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-254980/4
Matrix: Solid
Analysis Batch: 254980

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04091		mg/Kg		82	66 - 142	2	25
Toluene			0.0500	0.04235		mg/Kg		85	74 - 130	3	25
Ethylbenzene			0.0500	0.04482		mg/Kg		90	80 - 130	3	25
m,p-Xylenes			0.0500	0.04379		mg/Kg		88	78 - 130	4	25
o-Xylene			0.0500	0.04437		mg/Kg		89	79 - 130	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*87*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 860-254995/7
Matrix: Solid
Analysis Batch: 254995

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/13/25 22:47	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/13/25 22:47	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/13/25 22:47	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 22:47	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/13/25 22:47	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/13/25 22:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*56 - 150*		*08/13/25 22:47*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*		*08/13/25 22:47*	*1*
Dibromofluoromethane (Surr)	*84*		*53 - 142*		*08/13/25 22:47*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/13/25 22:47*	*1*

Lab Sample ID: LCS 860-254995/3
Matrix: Solid
Analysis Batch: 254995

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04737		mg/Kg		95	66 - 142		
Toluene			0.0500	0.04649		mg/Kg		93	74 - 130		
Ethylbenzene			0.0500	0.04961		mg/Kg		99	80 - 130		
m,p-Xylenes			0.0500	0.04916		mg/Kg		98	78 - 130		
o-Xylene			0.0500	0.05097		mg/Kg		102	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-254995/4
Matrix: Solid
Analysis Batch: 254995

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04786		mg/Kg		96	66 - 142	1	25
Toluene			0.0500	0.04627		mg/Kg		93	74 - 130	0	25
Ethylbenzene			0.0500	0.04945		mg/Kg		99	80 - 130	0	25
m,p-Xylenes			0.0500	0.04906		mg/Kg		98	78 - 130	0	25
o-Xylene			0.0500	0.05139		mg/Kg		103	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*
Dibromofluoromethane (Surr)	*99*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 860-255000/8
Matrix: Solid
Analysis Batch: 255000

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/14/25 01:13	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/14/25 01:13	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/14/25 01:13	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 01:13	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/14/25 01:13	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 01:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*		*08/14/25 01:13*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*08/14/25 01:13*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*		*08/14/25 01:13*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/14/25 01:13*	*1*

Lab Sample ID: LCS 860-255000/3
Matrix: Solid
Analysis Batch: 255000

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04262		mg/Kg		85	66 - 142		
Toluene			0.0500	0.04334		mg/Kg		87	74 - 130		
Ethylbenzene			0.0500	0.04653		mg/Kg		93	80 - 130		
m,p-Xylenes			0.0500	0.04806		mg/Kg		96	78 - 130		
o-Xylene			0.0500	0.04853		mg/Kg		97	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*89*		*53 - 142*
Toluene-d8 (Surr)	*95*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-255000/4
Matrix: Solid
Analysis Batch: 255000

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04408		mg/Kg		88	66 - 142	3	25
Toluene			0.0500	0.04493		mg/Kg		90	74 - 130	4	25
Ethylbenzene			0.0500	0.04863		mg/Kg		97	80 - 130	4	25
m,p-Xylenes			0.0500	0.05037		mg/Kg		101	78 - 130	5	25
o-Xylene			0.0500	0.05046		mg/Kg		101	79 - 130	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 860-255076/8
Matrix: Solid
Analysis Batch: 255076

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/14/25 11:29	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/14/25 11:29	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/14/25 11:29	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 11:29	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/14/25 11:29	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*		*08/14/25 11:29*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*08/14/25 11:29*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*		*08/14/25 11:29*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/14/25 11:29*	*1*

Lab Sample ID: LCS 860-255076/3
Matrix: Solid
Analysis Batch: 255076

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.03999		mg/Kg		80	66 - 142		
Toluene			0.0500	0.04211		mg/Kg		84	74 - 130		
Ethylbenzene			0.0500	0.04323		mg/Kg		86	80 - 130		
m,p-Xylenes			0.0500	0.04286		mg/Kg		86	78 - 130		
o-Xylene			0.0500	0.04380		mg/Kg		88	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*
Dibromofluoromethane (Surr)	*88*		*53 - 142*
Toluene-d8 (Surr)	*97*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-255076/4
Matrix: Solid
Analysis Batch: 255076

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04357		mg/Kg		87	66 - 142	9	25
Toluene			0.0500	0.04418		mg/Kg		88	74 - 130	5	25
Ethylbenzene			0.0500	0.04584		mg/Kg		92	80 - 130	6	25
m,p-Xylenes			0.0500	0.04513		mg/Kg		90	78 - 130	5	25
o-Xylene			0.0500	0.04629		mg/Kg		93	79 - 130	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*87*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 860-255082/7
Matrix: Solid
Analysis Batch: 255082

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/14/25 15:31	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/14/25 15:31	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/14/25 15:31	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 15:31	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/14/25 15:31	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 15:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*56 - 150*		*08/14/25 15:31*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*		*08/14/25 15:31*	*1*
Dibromofluoromethane (Surr)	*83*		*53 - 142*		*08/14/25 15:31*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/14/25 15:31*	*1*

Lab Sample ID: LCS 860-255082/3
Matrix: Solid
Analysis Batch: 255082

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.0500	0.04246		mg/Kg		85	66 - 142
Toluene			0.0500	0.04195		mg/Kg		84	74 - 130
Ethylbenzene			0.0500	0.04476		mg/Kg		90	80 - 130
m,p-Xylenes			0.0500	0.04417		mg/Kg		88	78 - 130
o-Xylene			0.0500	0.04561		mg/Kg		91	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*101*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-255082/4
Matrix: Solid
Analysis Batch: 255082

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04704		mg/Kg		94	66 - 142	10	25
Toluene			0.0500	0.04607		mg/Kg		92	74 - 130	9	25
Ethylbenzene			0.0500	0.04969		mg/Kg		99	80 - 130	10	25
m,p-Xylenes			0.0500	0.04878		mg/Kg		98	78 - 130	10	25
o-Xylene			0.0500	0.05102		mg/Kg		102	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*99*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 860-255256/20
Matrix: Solid
Analysis Batch: 255256

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/14/25 23:31	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/14/25 23:31	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/14/25 23:31	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 23:31	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/14/25 23:31	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/14/25 23:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*08/14/25 23:31*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*		*08/14/25 23:31*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/14/25 23:31*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/14/25 23:31*	*1*

Lab Sample ID: LCS 860-255256/1014
Matrix: Solid
Analysis Batch: 255256

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04884		mg/Kg		98	66 - 142		
Toluene			0.0500	0.04746		mg/Kg		95	74 - 130		
Ethylbenzene			0.0500	0.05047		mg/Kg		101	80 - 130		
m,p-Xylenes			0.0500	0.05001		mg/Kg		100	78 - 130		
o-Xylene			0.0500	0.04941		mg/Kg		99	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-255256/16
Matrix: Solid
Analysis Batch: 255256

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04849		mg/Kg		97	66 - 142	1	25
Toluene			0.0500	0.04756		mg/Kg		95	74 - 130	0	25
Ethylbenzene			0.0500	0.05012		mg/Kg		100	80 - 130	1	25
m,p-Xylenes			0.0500	0.04828		mg/Kg		97	78 - 130	4	25
o-Xylene			0.0500	0.04888		mg/Kg		98	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 860-255329/7
Matrix: Solid
Analysis Batch: 255329

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/15/25 10:42	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/15/25 10:42	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/15/25 10:42	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 10:42	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/15/25 10:42	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/15/25 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*56 - 150*		*08/15/25 10:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 152*		*08/15/25 10:42*	*1*
Dibromofluoromethane (Surr)	*84*		*53 - 142*		*08/15/25 10:42*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/15/25 10:42*	*1*

Lab Sample ID: LCS 860-255329/3
Matrix: Solid
Analysis Batch: 255329

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04527		mg/Kg		91	66 - 142		
Toluene			0.0500	0.04470		mg/Kg		89	74 - 130		
Ethylbenzene			0.0500	0.04750		mg/Kg		95	80 - 130		
m,p-Xylenes			0.0500	0.04701		mg/Kg		94	78 - 130		
o-Xylene			0.0500	0.04842		mg/Kg		97	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-255329/4
Matrix: Solid
Analysis Batch: 255329

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.05007		mg/Kg		100	66 - 142	10	25
Toluene			0.0500	0.04957		mg/Kg		99	74 - 130	10	25
Ethylbenzene			0.0500	0.05318		mg/Kg		106	80 - 130	11	25
m,p-Xylenes			0.0500	0.05212		mg/Kg		104	78 - 130	10	25
o-Xylene			0.0500	0.05427		mg/Kg		109	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 860-255609/7
Matrix: Solid
Analysis Batch: 255609

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00100	0.000383	mg/Kg			08/16/25 10:32	1
Toluene	<0.00121	U	0.00500	0.00121	mg/Kg			08/16/25 10:32	1
Ethylbenzene	<0.000304	U	0.00100	0.000304	mg/Kg			08/16/25 10:32	1
m,p-Xylenes	<0.000433	U	0.00200	0.000433	mg/Kg			08/16/25 10:32	1
o-Xylene	<0.000316	U	0.00100	0.000316	mg/Kg			08/16/25 10:32	1
Xylenes, Total	<0.000433	U	0.00200	0.000433	mg/Kg			08/16/25 10:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*56 - 150*		*08/16/25 10:32*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*		*08/16/25 10:32*	*1*
Dibromofluoromethane (Surr)	*85*		*53 - 142*		*08/16/25 10:32*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/16/25 10:32*	*1*

Lab Sample ID: LCS 860-255609/3
Matrix: Solid
Analysis Batch: 255609

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04632		mg/Kg		93	66 - 142		
Toluene			0.0500	0.04616		mg/Kg		92	74 - 130		
Ethylbenzene			0.0500	0.05031		mg/Kg		101	80 - 130		
m,p-Xylenes			0.0500	0.04964		mg/Kg		99	78 - 130		
o-Xylene			0.0500	0.05254		mg/Kg		105	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-255609/4
Matrix: Solid
Analysis Batch: 255609

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04473		mg/Kg		89	66 - 142	3	25
Toluene			0.0500	0.04420		mg/Kg		88	74 - 130	4	25
Ethylbenzene			0.0500	0.04750		mg/Kg		95	80 - 130	6	25
m,p-Xylenes			0.0500	0.04661		mg/Kg		93	78 - 130	6	25
o-Xylene			0.0500	0.04917		mg/Kg		98	79 - 130	7	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 860-255759/7
Matrix: Solid
Analysis Batch: 255759

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			08/18/25 11:01	1
Toluene	<0.00500	U	0.00500		mg/Kg			08/18/25 11:01	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			08/18/25 11:01	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			08/18/25 11:01	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			08/18/25 11:01	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			08/18/25 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*08/18/25 11:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*		*08/18/25 11:01*	*1*
Dibromofluoromethane (Surr)	*85*		*53 - 142*		*08/18/25 11:01*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/18/25 11:01*	*1*

Lab Sample ID: LCS 860-255759/3
Matrix: Solid
Analysis Batch: 255759

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05458		mg/Kg		109	66 - 142		
Toluene			0.0500	0.05392		mg/Kg		108	74 - 130		
Ethylbenzene			0.0500	0.05754		mg/Kg		115	80 - 130		
m,p-Xylenes			0.0500	0.05747		mg/Kg		115	78 - 130		
o-Xylene			0.0500	0.05843		mg/Kg		117	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

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

Lab Sample ID: LCSD 860-255759/4
Matrix: Solid
Analysis Batch: 255759

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04812		mg/Kg		96	66 - 142	13	25
Toluene			0.0500	0.04843		mg/Kg		97	74 - 130	11	25
Ethylbenzene			0.0500	0.05185		mg/Kg		104	80 - 130	10	25
m,p-Xylenes			0.0500	0.05176		mg/Kg		104	78 - 130	10	25
o-Xylene			0.0500	0.05227		mg/Kg		105	79 - 130	11	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116431/1-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116431

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:00	08/16/25 12:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*141*	*S1+*	*70 - 130*	*08/12/25 08:00*	*08/16/25 12:52*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*08/12/25 08:00*	*08/16/25 12:52*	*1*

Lab Sample ID: LCS 880-116431/2-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116431

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	849.0		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1098		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*142*	*S1+*	*70 - 130*
o-Terphenyl	*136*	*S1+*	*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116431/3-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116431

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	827.5		mg/Kg		83	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1089		mg/Kg		109	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*142*	*S1+*	*70 - 130*
o-Terphenyl	*136*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-116506/1-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116506

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/16/25 23:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/16/25 23:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/16/25 23:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*149*	*S1+*	*70 - 130*	*08/12/25 12:58*	*08/16/25 23:25*	*1*
o-Terphenyl	*152*	*S1+*	*70 - 130*	*08/12/25 12:58*	*08/16/25 23:25*	*1*

Lab Sample ID: LCS 880-116506/2-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116506

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1113		mg/Kg		111	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	951.5		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*133*	*S1+*	*70 - 130*
o-Terphenyl	*128*		*70 - 130*

Lab Sample ID: LCSD 880-116506/3-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1192		mg/Kg		119	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1050		mg/Kg		105	70 - 130	10	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116506/3-A
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116506

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*145*	*S1+*	*70 - 130*
o-Terphenyl	*140*	*S1+*	*70 - 130*

Lab Sample ID: 880-61361-1 MS
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: DUP-5-S
Prep Type: Total/NA
Prep Batch: 116506

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1094		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	803.6		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*101*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: 880-61361-1 MSD
Matrix: Solid
Analysis Batch: 116849

Client Sample ID: DUP-5-S
Prep Type: Total/NA
Prep Batch: 116506

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1223		mg/Kg		122	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	805.3		mg/Kg		81	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: MB 880-116507/1-A
Matrix: Solid
Analysis Batch: 116852

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116507

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 06:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 06:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:58	08/17/25 06:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*08/12/25 12:58*	*08/17/25 06:07*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/12/25 12:58*	*08/17/25 06:07*	*1*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-116507/2-A
Matrix: Solid
Analysis Batch: 116852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116507

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1176		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1058		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*129*		*70 - 130*

Lab Sample ID: LCSD 880-116507/3-A
Matrix: Solid
Analysis Batch: 116852

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116507

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1157		mg/Kg		116	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*119*		*70 - 130*
o-Terphenyl	*121*		*70 - 130*

Lab Sample ID: 880-61361-21 MS
Matrix: Solid
Analysis Batch: 116852

Client Sample ID: TMW-34 (35-40)
Prep Type: Total/NA
Prep Batch: 116507

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	964.9		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	999	791.8		mg/Kg		77	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*115*		*70 - 130*
o-Terphenyl	*116*		*70 - 130*

Lab Sample ID: 880-61361-21 MSD
Matrix: Solid
Analysis Batch: 116852

Client Sample ID: TMW-34 (35-40)
Prep Type: Total/NA
Prep Batch: 116507

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	984.3		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	810.4		mg/Kg		79	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*116*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-61361-21 MSD
Matrix: Solid
Analysis Batch: 116852

Client Sample ID: TMW-34 (35-40)
Prep Type: Total/NA
Prep Batch: 116507

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	116		70 - 130

Lab Sample ID: MB 880-116508/1-A
Matrix: Solid
Analysis Batch: 116959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116508

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 09:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 09:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 09:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/12/25 12:59	08/18/25 09:19	1
o-Terphenyl	105		70 - 130	08/12/25 12:59	08/18/25 09:19	1

Lab Sample ID: LCS 880-116508/2-A
Matrix: Solid
Analysis Batch: 116959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116508

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1153		mg/Kg		115	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1009		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-116508/3-A
Matrix: Solid
Analysis Batch: 116959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116508

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1007		mg/Kg		101	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	98		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-61361-41 MS
Matrix: Solid
Analysis Batch: 116959

Client Sample ID: TMW-31 (20-25)
Prep Type: Total/NA
Prep Batch: 116508

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	961.5		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	825.2		mg/Kg		83	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: 880-61361-41 MSD
Matrix: Solid
Analysis Batch: 116959

Client Sample ID: TMW-31 (20-25)
Prep Type: Total/NA
Prep Batch: 116508

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	994.9		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	845.5		mg/Kg		85	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*112*		*70 - 130*
o-Terphenyl	*112*		*70 - 130*

Lab Sample ID: MB 880-116509/1-A
Matrix: Solid
Analysis Batch: 116921

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116509

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 09:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 09:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/18/25 09:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*08/12/25 12:59*	*08/18/25 09:19*	*1*
o-Terphenyl	*111*		*70 - 130*	*08/12/25 12:59*	*08/18/25 09:19*	*1*

Lab Sample ID: LCS 880-116509/2-A
Matrix: Solid
Analysis Batch: 116921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116509

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1306	*+	mg/Kg		131	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1246		mg/Kg		125	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-116509/2-A
Matrix: Solid
Analysis Batch: 116921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116509

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	121		70 - 130

Lab Sample ID: LCSD 880-116509/3-A
Matrix: Solid
Analysis Batch: 116921

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116509

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1323	*+	mg/Kg		132	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1266		mg/Kg		127	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	119		70 - 130

Lab Sample ID: 880-61361-61 MS
Matrix: Solid
Analysis Batch: 116921

Client Sample ID: TMW-30 (35-40)
Prep Type: Total/NA
Prep Batch: 116509

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	998	1090		mg/Kg		109	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1023		mg/Kg		103	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	70		70 - 130

Lab Sample ID: 880-61361-61 MSD
Matrix: Solid
Analysis Batch: 116921

Client Sample ID: TMW-30 (35-40)
Prep Type: Total/NA
Prep Batch: 116509

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+	998	1106		mg/Kg		111	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1027		mg/Kg		103	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	70		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-116510/1-A
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116510

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 16:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 16:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 16:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*08/12/25 12:59*	*08/19/25 16:19*	*1*
o-Terphenyl	*112*		*70 - 130*	*08/12/25 12:59*	*08/19/25 16:19*	*1*

Lab Sample ID: LCS 880-116510/2-A
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116510

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1254		mg/Kg		125	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1079		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*126*		*70 - 130*
o-Terphenyl	*127*		*70 - 130*

Lab Sample ID: LCSD 880-116510/3-A
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116510

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1131		mg/Kg		113	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	966.7		mg/Kg		97	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*116*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: 880-61361-81 MS
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: TMW-36 (50-55)
Prep Type: Total/NA
Prep Batch: 116510

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1082		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	957.4		mg/Kg		94	70 - 130		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-61361-81 MS
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: TMW-36 (50-55)
Prep Type: Total/NA
Prep Batch: 116510

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	126		70 - 130
o-Terphenyl	130		70 - 130

Lab Sample ID: 880-61361-81 MSD
Matrix: Solid
Analysis Batch: 117019

Client Sample ID: TMW-36 (50-55)
Prep Type: Total/NA
Prep Batch: 116510

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1064		mg/Kg		107	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	934.4		mg/Kg		92	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	127		70 - 130

Lab Sample ID: MB 880-116511/1-A
Matrix: Solid
Analysis Batch: 117014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116511

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 05:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 12:59	08/19/25 05:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	08/12/25 12:59	08/19/25 05:03	1
o-Terphenyl	89		70 - 130	08/12/25 12:59	08/19/25 05:03	1

Lab Sample ID: LCS 880-116511/2-A
Matrix: Solid
Analysis Batch: 117014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116511

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1030		mg/Kg		103	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1075		mg/Kg		108	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	76		70 - 130
o-Terphenyl	87		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116511/3-A
Matrix: Solid
Analysis Batch: 117014

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116511

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1081		mg/Kg		108	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1043		mg/Kg		104	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*94*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: 880-61361-102 MS
Matrix: Solid
Analysis Batch: 117014

Client Sample ID: SB-1 (15)
Prep Type: Total/NA
Prep Batch: 116511

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	889.7		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	850.8		mg/Kg		83	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*107*		*70 - 130*

Lab Sample ID: 880-61361-102 MSD
Matrix: Solid
Analysis Batch: 117014

Client Sample ID: SB-1 (15)
Prep Type: Total/NA
Prep Batch: 116511

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	940.9		mg/Kg		94	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	889.6		mg/Kg		87	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: MB 880-116866/1-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116866

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/17/25 17:35	08/18/25 09:20	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-116866/1-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116866

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	08/17/25 17:35	08/18/25 09:20	1
o-Terphenyl	81		70 - 130	08/17/25 17:35	08/18/25 09:20	1

Lab Sample ID: LCS 880-116866/2-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116866

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1077		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	74		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: LCSD 880-116866/3-A
Matrix: Solid
Analysis Batch: 116927

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116866

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1101		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1012		mg/Kg		101	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 130
o-Terphenyl	81		70 - 130

Lab Sample ID: MB 880-117009/1-A
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117009

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 04:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 04:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:52	08/19/25 04:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	08/19/25 06:52	08/19/25 04:47	1
o-Terphenyl	109		70 - 130	08/19/25 06:52	08/19/25 04:47	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-117009/2-A
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117009

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1221		mg/Kg		122	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1292		mg/Kg		129	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*72*		*70 - 130*
o-Terphenyl	*71*		*70 - 130*

Lab Sample ID: LCSD 880-117009/3-A
Matrix: Solid
Analysis Batch: 117021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117009

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1057		mg/Kg		106	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130	18	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*125*		*70 - 130*
o-Terphenyl	*122*		*70 - 130*

Lab Sample ID: MB 880-117130/1-A
Matrix: Solid
Analysis Batch: 117136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117130

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/20/25 10:11	08/20/25 18:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/20/25 10:11	08/20/25 18:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/20/25 10:11	08/20/25 18:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*08/20/25 10:11*	*08/20/25 18:04*	*1*
o-Terphenyl	*113*		*70 - 130*	*08/20/25 10:11*	*08/20/25 18:04*	*1*

Lab Sample ID: LCS 880-117130/2-A
Matrix: Solid
Analysis Batch: 117136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117130

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1027		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	963.1		mg/Kg		96	70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-117130/2-A
Matrix: Solid
Analysis Batch: 117136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-117130/3-A
Matrix: Solid
Analysis Batch: 117136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117130

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1057		mg/Kg		106	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	961.9		mg/Kg		96	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: MB 880-118687/1-A
Matrix: Solid
Analysis Batch: 118702

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 118687

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/11/25 11:11	09/11/25 12:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/11/25 11:11	09/11/25 12:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/11/25 11:11	09/11/25 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	09/11/25 11:11	09/11/25 12:08	1
o-Terphenyl	117		70 - 130	09/11/25 11:11	09/11/25 12:08	1

Lab Sample ID: LCS 880-118687/2-A
Matrix: Solid
Analysis Batch: 118702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 118687

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	936.6		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1010		mg/Kg		101	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	132	S1+	70 - 130
o-Terphenyl	125		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-118687/3-A
Matrix: Solid
Analysis Batch: 118702

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 118687

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	931.0		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1011		mg/Kg		101	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*126*		*70 - 130*
o-Terphenyl	*126*		*70 - 130*

Lab Sample ID: 880-61361-36 MS
Matrix: Solid
Analysis Batch: 118702

Client Sample ID: TMW-36 (75-80)
Prep Type: Total/NA
Prep Batch: 118687

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.4	U H	994	788.2		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	<50.4	U H	994	906.8		mg/Kg		91	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: 880-61361-36 MSD
Matrix: Solid
Analysis Batch: 118702

Client Sample ID: TMW-36 (75-80)
Prep Type: Total/NA
Prep Batch: 118687

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.4	U H	994	787.7		mg/Kg		79	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.4	U H	994	911.4		mg/Kg		92	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116497/1-A
Matrix: Solid
Analysis Batch: 116523

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/14/25 07:27	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116497/2-A
Matrix: Solid
Analysis Batch: 116523

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.7		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-116497/3-A
Matrix: Solid
Analysis Batch: 116523

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.4		mg/Kg		101	90 - 110	2	20

Lab Sample ID: 880-61361-1 MS
Matrix: Solid
Analysis Batch: 116523

Client Sample ID: DUP-5-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	29.5		249	292.1		mg/Kg		105	90 - 110		

Lab Sample ID: 880-61361-1 MSD
Matrix: Solid
Analysis Batch: 116523

Client Sample ID: DUP-5-S
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	29.5		249	276.3		mg/Kg		99	90 - 110	6	20

Lab Sample ID: 880-61361-11 MS
Matrix: Solid
Analysis Batch: 116523

Client Sample ID: TMW-37 (45-50)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4.75	J	252	261.8		mg/Kg		102	90 - 110		

Lab Sample ID: 880-61361-11 MSD
Matrix: Solid
Analysis Batch: 116523

Client Sample ID: TMW-37 (45-50)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.75	J	252	260.2		mg/Kg		101	90 - 110	1	20

Lab Sample ID: MB 880-116498/1-A
Matrix: Solid
Analysis Batch: 116581

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/13/25 13:35	1

Lab Sample ID: LCS 880-116498/2-A
Matrix: Solid
Analysis Batch: 116581

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	247.6		mg/Kg		99	90 - 110		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-116498/3-A
Matrix: Solid
Analysis Batch: 116581

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	247.8		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-61361-21 MS
Matrix: Solid
Analysis Batch: 116581

Client Sample ID: TMW-34 (35-40)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	38.7		252	275.4		mg/Kg		94	90 - 110

Lab Sample ID: 880-61361-21 MSD
Matrix: Solid
Analysis Batch: 116581

Client Sample ID: TMW-34 (35-40)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38.7		252	275.0		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-61361-31 MS
Matrix: Solid
Analysis Batch: 116581

Client Sample ID: TMW-34 (85-90)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6.61	J	253	240.4		mg/Kg		93	90 - 110

Lab Sample ID: 880-61361-31 MSD
Matrix: Solid
Analysis Batch: 116581

Client Sample ID: TMW-34 (85-90)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6.61	J	253	239.2		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-116501/1-A
Matrix: Solid
Analysis Batch: 116601

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/13/25 18:47	1

Lab Sample ID: LCS 880-116501/2-A
Matrix: Solid
Analysis Batch: 116601

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	225.1		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-116501/3-A
Matrix: Solid
Analysis Batch: 116601

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	225.3		mg/Kg		90	90 - 110	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-61361-81 MS
Matrix: Solid
Analysis Batch: 116601

Client Sample ID: TMW-36 (50-55)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	32.6	F1	248	254.5	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-61361-81 MSD
Matrix: Solid
Analysis Batch: 116601

Client Sample ID: TMW-36 (50-55)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32.6	F1	248	252.0	F1	mg/Kg		88	90 - 110	1	20

Lab Sample ID: 880-61361-91 MS
Matrix: Solid
Analysis Batch: 116601

Client Sample ID: SB-2 (12)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3220		1260	4426		mg/Kg		96	90 - 110

Lab Sample ID: 880-61361-91 MSD
Matrix: Solid
Analysis Batch: 116601

Client Sample ID: SB-2 (12)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3220		1260	4417		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-116500/1-A
Matrix: Solid
Analysis Batch: 116602

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/13/25 17:51	1

Lab Sample ID: LCS 880-116500/2-A
Matrix: Solid
Analysis Batch: 116602

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	235.3		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-116500/3-A
Matrix: Solid
Analysis Batch: 116602

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	235.5		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-61361-61 MS
Matrix: Solid
Analysis Batch: 116602

Client Sample ID: TMW-30 (35-40)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	453		251	724.9		mg/Kg		109	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-61361-61 MSD
Matrix: Solid
Analysis Batch: 116602

Client Sample ID: TMW-30 (35-40)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	453		251	724.8		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-61361-71 MS
Matrix: Solid
Analysis Batch: 116602

Client Sample ID: TMW-36 (0-5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	426		249	696.9		mg/Kg		109	90 - 110

Lab Sample ID: 880-61361-71 MSD
Matrix: Solid
Analysis Batch: 116602

Client Sample ID: TMW-36 (0-5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	426		249	697.9		mg/Kg		109	90 - 110	0	20

Lab Sample ID: MB 880-116499/1-A
Matrix: Solid
Analysis Batch: 116609

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/14/25 02:25	1

Lab Sample ID: LCS 880-116499/2-A
Matrix: Solid
Analysis Batch: 116609

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-116499/3-A
Matrix: Solid
Analysis Batch: 116609

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	242.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-61361-41 MS
Matrix: Solid
Analysis Batch: 116609

Client Sample ID: TMW-31 (20-25)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17.8		248	253.7		mg/Kg		95	90 - 110

Lab Sample ID: 880-61361-41 MSD
Matrix: Solid
Analysis Batch: 116609

Client Sample ID: TMW-31 (20-25)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.8		248	254.2		mg/Kg		95	90 - 110	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-61361-51 MS
Matrix: Solid
Analysis Batch: 116609

Client Sample ID: TMW-31 (70-75)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	242		252	496.2		mg/Kg		101	90 - 110		

Lab Sample ID: 880-61361-51 MSD
Matrix: Solid
Analysis Batch: 116609

Client Sample ID: TMW-31 (70-75)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	242		252	495.6		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-116502/1-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			08/14/25 19:07	1

Lab Sample ID: LCS 880-116502/2-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.4		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-116502/3-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.3		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-61361-101 MS
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: SB-1 (10)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2620	F1	1260	4155	F1	mg/Kg		122	90 - 110		

Lab Sample ID: 880-61361-101 MSD
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: SB-1 (10)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2620	F1	1260	4192	F1	mg/Kg		125	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC/MS VOA

Analysis Batch: 254795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-31	TMW-34 (85-90)	Total/NA	Solid	8260D	254932
880-61361-32	TMW-36 (55-60)	Total/NA	Solid	8260D	254932
880-61361-33	TMW-36 (60-65)	Total/NA	Solid	8260D	254932
880-61361-35	TMW-36 (70-75)	Total/NA	Solid	8260D	254932
880-61361-75	TMW-36 (20-25)	Total/NA	Solid	8260D	254932
880-61361-77	TMW-36 (30-35)	Total/NA	Solid	8260D	254932
880-61361-78	TMW-36 (35-40)	Total/NA	Solid	8260D	254932
880-61361-79	TMW-36 (40-45)	Total/NA	Solid	8260D	254932
880-61361-80	TMW-36 (45-50)	Total/NA	Solid	8260D	254932
880-61361-83	SB-2 (45)	Total/NA	Solid	8260D	254932
MB 860-254795/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-254795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-15	TMW-34 (5-10)	Total/NA	Solid	8260D	254932
880-61361-16	TMW-34 (10-15)	Total/NA	Solid	8260D	254932
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	8260D	254932
880-61361-18	TMW-34 (20-25)	Total/NA	Solid	8260D	254932
880-61361-81	TMW-36 (50-55)	Total/NA	Solid	8260D	254932
880-61361-82	SB-2 (40)	Total/NA	Solid	8260D	254932
880-61361-84	SB-2 (50)	Total/NA	Solid	8260D	254932
MB 860-254798/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254798/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254798/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 254932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Total/NA	Solid	5035	
880-61361-2	TMW-37 (0-5)	Total/NA	Solid	5035	
880-61361-3	TMW-37 (5-10)	Total/NA	Solid	5035	
880-61361-4	TMW-37 (10-15)	Total/NA	Solid	5035	
880-61361-5	TMW-37 (15-20)	Total/NA	Solid	5035	
880-61361-6	TMW-37 (20-25)	Total/NA	Solid	5035	
880-61361-7	TMW-37 (25-30)	Total/NA	Solid	5035	
880-61361-8	TMW-37 (30-35)	Total/NA	Solid	5035	
880-61361-9	TMW-37 (35-40)	Total/NA	Solid	5035	
880-61361-10	TMW-37 (40-45)	Total/NA	Solid	5035	
880-61361-11	TMW-37 (45-50)	Total/NA	Solid	5035	
880-61361-12	TMW-37 (50-55)	Total/NA	Solid	5035	
880-61361-13	TMW-37 (55-60)	Total/NA	Solid	5035	
880-61361-14	TMW-34 (0-5)	Total/NA	Solid	5035	
880-61361-15	TMW-34 (5-10)	Total/NA	Solid	5035	
880-61361-16	TMW-34 (10-15)	Total/NA	Solid	5035	
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	5035	
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	5035	
880-61361-18	TMW-34 (20-25)	Total/NA	Solid	5035	
880-61361-19	TMW-34 (25-30)	Total/NA	Solid	5035	
880-61361-20	TMW-34 (30-35)	Total/NA	Solid	5035	
880-61361-21	TMW-34 (35-40)	Total/NA	Solid	5035	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC/MS VOA (Continued)

Prep Batch: 254932 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-22	TMW-34 (40-45)	Total/NA	Solid	5035	
880-61361-23	TMW-34 (45-50)	Total/NA	Solid	5035	
880-61361-24	TMW-34 (50-55)	Total/NA	Solid	5035	
880-61361-25	TMW-34 (55-60)	Total/NA	Solid	5035	
880-61361-26	TMW-34 (60-65)	Total/NA	Solid	5035	
880-61361-27	TMW-34 (65-70)	Total/NA	Solid	5035	
880-61361-28	TMW-34 (70-75)	Total/NA	Solid	5035	
880-61361-29	TMW-34 (75-80)	Total/NA	Solid	5035	
880-61361-30	TMW-34 (80-85)	Total/NA	Solid	5035	
880-61361-31	TMW-34 (85-90)	Total/NA	Solid	5035	
880-61361-32	TMW-36 (55-60)	Total/NA	Solid	5035	
880-61361-33	TMW-36 (60-65)	Total/NA	Solid	5035	
880-61361-34	TMW-36 (65-70)	Total/NA	Solid	5035	
880-61361-35	TMW-36 (70-75)	Total/NA	Solid	5035	
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	5035	
880-61361-37	TMW-31 (0-5)	Total/NA	Solid	5035	
880-61361-38	TMW-31 (5-10)	Total/NA	Solid	5035	
880-61361-39	TMW-31 (10-15)	Total/NA	Solid	5035	
880-61361-40	TMW-31 (15-20)	Total/NA	Solid	5035	
880-61361-41	TMW-31 (20-25)	Total/NA	Solid	5035	
880-61361-42	TMW-31 (25-30)	Total/NA	Solid	5035	
880-61361-43	TMW-31 (30-35)	Total/NA	Solid	5035	
880-61361-44	TMW-31 (35-40)	Total/NA	Solid	5035	
880-61361-45	TMW-31 (40-45)	Total/NA	Solid	5035	
880-61361-46	TMW-31 (45-50)	Total/NA	Solid	5035	
880-61361-47	TMW-31 (50-55)	Total/NA	Solid	5035	
880-61361-48	TMW-31 (55-60)	Total/NA	Solid	5035	
880-61361-49	TMW-31 (60-65)	Total/NA	Solid	5035	
880-61361-50	TMW-31 (65-70)	Total/NA	Solid	5035	
880-61361-51	TMW-31 (70-75)	Total/NA	Solid	5035	
880-61361-52	TMW-31 (75-80)	Total/NA	Solid	5035	
880-61361-53	DUP-6-S	Total/NA	Solid	5035	
880-61361-54	TMW-30 (0-5)	Total/NA	Solid	5035	
880-61361-55	TMW-30 (5-10)	Total/NA	Solid	5035	
880-61361-56	TMW-30 (10-15)	Total/NA	Solid	5035	
880-61361-57	TMW-30 (15-20)	Total/NA	Solid	5035	
880-61361-58	TMW-30 (20-25)	Total/NA	Solid	5035	
880-61361-59	TMW-30 (25-30)	Total/NA	Solid	5035	
880-61361-60	TMW-30 (30-35)	Total/NA	Solid	5035	
880-61361-61	TMW-30 (35-40)	Total/NA	Solid	5035	
880-61361-62	TMW-30 (40-45)	Total/NA	Solid	5035	
880-61361-63	TMW-30 (45-50)	Total/NA	Solid	5035	
880-61361-64	TMW-30 (50-55)	Total/NA	Solid	5035	
880-61361-65	TMW-30 (55-60)	Total/NA	Solid	5035	
880-61361-66	TMW-30 (60-65)	Total/NA	Solid	5035	
880-61361-67	TMW-30 (65-70)	Total/NA	Solid	5035	
880-61361-68	TMW-30 (70-75)	Total/NA	Solid	5035	
880-61361-69	TMW-30 (75-80)	Total/NA	Solid	5035	
880-61361-70	TMW-30 (80-85)	Total/NA	Solid	5035	
880-61361-71	TMW-36 (0-5)	Total/NA	Solid	5035	
880-61361-72	TMW-36 (5-10)	Total/NA	Solid	5035	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC/MS VOA (Continued)

Prep Batch: 254932 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-73	TMW-36 (10-15)	Total/NA	Solid	5035	
880-61361-74	TMW-36 (15-20)	Total/NA	Solid	5035	
880-61361-75	TMW-36 (20-25)	Total/NA	Solid	5035	
880-61361-76	TMW-36 (25-30)	Total/NA	Solid	5035	
880-61361-77	TMW-36 (30-35)	Total/NA	Solid	5035	
880-61361-78	TMW-36 (35-40)	Total/NA	Solid	5035	
880-61361-79	TMW-36 (40-45)	Total/NA	Solid	5035	
880-61361-80	TMW-36 (45-50)	Total/NA	Solid	5035	
880-61361-81	TMW-36 (50-55)	Total/NA	Solid	5035	
880-61361-82	SB-2 (40)	Total/NA	Solid	5035	
880-61361-83	SB-2 (45)	Total/NA	Solid	5035	
880-61361-84	SB-2 (50)	Total/NA	Solid	5035	
880-61361-85	SB-2 (0-2.5)	Total/NA	Solid	5035	
880-61361-86	DUP-7-S	Total/NA	Solid	5035	
880-61361-87	SB-2 (4-4.5)	Total/NA	Solid	5035	
880-61361-88	SB-2 (6)	Total/NA	Solid	5035	
880-61361-89	SB-2 (8)	Total/NA	Solid	5035	
880-61361-90	SB-2 (10)	Total/NA	Solid	5035	
880-61361-91	SB-2 (12)	Total/NA	Solid	5035	
880-61361-92	SB-2 (15)	Total/NA	Solid	5035	
880-61361-93	SB-2 (18)	Total/NA	Solid	5035	
880-61361-94	DUP8-S	Total/NA	Solid	5035	
880-61361-95	SB-2 (20)	Total/NA	Solid	5035	
880-61361-96	SB-2 (25)	Total/NA	Solid	5035	
880-61361-97	SB-2 (35)	Total/NA	Solid	5035	
880-61361-98	SB-1 (01)	Total/NA	Solid	5035	
880-61361-99	SB-1 (50)	Total/NA	Solid	5035	
880-61361-100	SB-1 (05)	Total/NA	Solid	5035	
880-61361-101	SB-1 (10)	Total/NA	Solid	5035	
880-61361-102	SB-1 (15)	Total/NA	Solid	5035	
880-61361-103	SB-1 (20)	Total/NA	Solid	5035	
880-61361-104	SB-1 (25)	Total/NA	Solid	5035	
880-61361-105	SB-1 (30)	Total/NA	Solid	5035	
880-61361-106	SB-1 (35)	Total/NA	Solid	5035	
880-61361-107	SB-1 (40)	Total/NA	Solid	5035	
880-61361-108	SB-1 (45)	Total/NA	Solid	5035	
880-61361-109	SB-2 (2.5-3)	Total/NA	Solid	5035	
880-61361-110	SB-2 (30)	Total/NA	Solid	5035	
880-61361-1 MS	DUP-5-S	Total/NA	Solid	5035	

Analysis Batch: 254976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-25	TMW-34 (55-60)	Total/NA	Solid	8260D	254932
880-61361-26	TMW-34 (60-65)	Total/NA	Solid	8260D	254932
880-61361-27	TMW-34 (65-70)	Total/NA	Solid	8260D	254932
880-61361-28	TMW-34 (70-75)	Total/NA	Solid	8260D	254932
880-61361-29	TMW-34 (75-80)	Total/NA	Solid	8260D	254932
880-61361-30	TMW-34 (80-85)	Total/NA	Solid	8260D	254932
880-61361-34	TMW-36 (65-70)	Total/NA	Solid	8260D	254932
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	8260D	254932
880-61361-37	TMW-31 (0-5)	Total/NA	Solid	8260D	254932

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC/MS VOA (Continued)

Analysis Batch: 254976 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-38	TMW-31 (5-10)	Total/NA	Solid	8260D	254932
880-61361-69	TMW-30 (75-80)	Total/NA	Solid	8260D	254932
880-61361-70	TMW-30 (80-85)	Total/NA	Solid	8260D	254932
880-61361-71	TMW-36 (0-5)	Total/NA	Solid	8260D	254932
880-61361-72	TMW-36 (5-10)	Total/NA	Solid	8260D	254932
880-61361-73	TMW-36 (10-15)	Total/NA	Solid	8260D	254932
880-61361-74	TMW-36 (15-20)	Total/NA	Solid	8260D	254932
880-61361-76	TMW-36 (25-30)	Total/NA	Solid	8260D	254932
880-61361-97	SB-2 (35)	Total/NA	Solid	8260D	254932
880-61361-99	SB-1 (50)	Total/NA	Solid	8260D	254932
880-61361-100	SB-1 (05)	Total/NA	Solid	8260D	254932
MB 860-254976/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-254976/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254976/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-98	SB-1 (01)	Total/NA	Solid	8260D	254932
880-61361-101	SB-1 (10)	Total/NA	Solid	8260D	254932
880-61361-102	SB-1 (15)	Total/NA	Solid	8260D	254932
880-61361-103	SB-1 (20)	Total/NA	Solid	8260D	254932
880-61361-105	SB-1 (30)	Total/NA	Solid	8260D	254932
880-61361-106	SB-1 (35)	Total/NA	Solid	8260D	254932
MB 860-254980/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254980/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254980/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-40	TMW-31 (15-20)	Total/NA	Solid	8260D	254932
880-61361-41	TMW-31 (20-25)	Total/NA	Solid	8260D	254932
880-61361-42	TMW-31 (25-30)	Total/NA	Solid	8260D	254932
880-61361-43	TMW-31 (30-35)	Total/NA	Solid	8260D	254932
880-61361-44	TMW-31 (35-40)	Total/NA	Solid	8260D	254932
880-61361-45	TMW-31 (40-45)	Total/NA	Solid	8260D	254932
880-61361-46	TMW-31 (45-50)	Total/NA	Solid	8260D	254932
880-61361-47	TMW-31 (50-55)	Total/NA	Solid	8260D	254932
880-61361-48	TMW-31 (55-60)	Total/NA	Solid	8260D	254932
880-61361-49	TMW-31 (60-65)	Total/NA	Solid	8260D	254932
880-61361-50	TMW-31 (65-70)	Total/NA	Solid	8260D	254932
880-61361-51	TMW-31 (70-75)	Total/NA	Solid	8260D	254932
880-61361-52	TMW-31 (75-80)	Total/NA	Solid	8260D	254932
880-61361-53	DUP-6-S	Total/NA	Solid	8260D	254932
880-61361-54	TMW-30 (0-5)	Total/NA	Solid	8260D	254932
880-61361-61	TMW-30 (35-40)	Total/NA	Solid	8260D	254932
880-61361-62	TMW-30 (40-45)	Total/NA	Solid	8260D	254932
880-61361-86	DUP-7-S	Total/NA	Solid	8260D	254932
880-61361-88	SB-2 (6)	Total/NA	Solid	8260D	254932
880-61361-89	SB-2 (8)	Total/NA	Solid	8260D	254932
MB 860-254995/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-254995/3	Lab Control Sample	Total/NA	Solid	8260D	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC/MS VOA (Continued)

Analysis Batch: 254995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-254995/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 255000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-57	TMW-30 (15-20)	Total/NA	Solid	8260D	254932
880-61361-58	TMW-30 (20-25)	Total/NA	Solid	8260D	254932
880-61361-87	SB-2 (4-4.5)	Total/NA	Solid	8260D	254932
880-61361-90	SB-2 (10)	Total/NA	Solid	8260D	254932
880-61361-107	SB-1 (40)	Total/NA	Solid	8260D	254932
880-61361-108	SB-1 (45)	Total/NA	Solid	8260D	254932
880-61361-109	SB-2 (2.5-3)	Total/NA	Solid	8260D	254932
880-61361-110	SB-2 (30)	Total/NA	Solid	8260D	254932
MB 860-255000/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-255000/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255000/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 255076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-4	TMW-37 (10-15)	Total/NA	Solid	8260D	254932
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	8260D	254932
880-61361-56	TMW-30 (10-15)	Total/NA	Solid	8260D	254932
880-61361-59	TMW-30 (25-30)	Total/NA	Solid	8260D	254932
880-61361-60	TMW-30 (30-35)	Total/NA	Solid	8260D	254932
880-61361-85	SB-2 (0-2.5)	Total/NA	Solid	8260D	254932
MB 860-255076/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-255076/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255076/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 255082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-2	TMW-37 (0-5)	Total/NA	Solid	8260D	254932
880-61361-3	TMW-37 (5-10)	Total/NA	Solid	8260D	254932
880-61361-5	TMW-37 (15-20)	Total/NA	Solid	8260D	254932
880-61361-6	TMW-37 (20-25)	Total/NA	Solid	8260D	254932
880-61361-7	TMW-37 (25-30)	Total/NA	Solid	8260D	254932
880-61361-8	TMW-37 (30-35)	Total/NA	Solid	8260D	254932
880-61361-55	TMW-30 (5-10)	Total/NA	Solid	8260D	254932
MB 860-255082/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-255082/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255082/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 255238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Total/NA	Solid	Total BTEX	
880-61361-2	TMW-37 (0-5)	Total/NA	Solid	Total BTEX	
880-61361-3	TMW-37 (5-10)	Total/NA	Solid	Total BTEX	
880-61361-4	TMW-37 (10-15)	Total/NA	Solid	Total BTEX	
880-61361-5	TMW-37 (15-20)	Total/NA	Solid	Total BTEX	
880-61361-6	TMW-37 (20-25)	Total/NA	Solid	Total BTEX	
880-61361-7	TMW-37 (25-30)	Total/NA	Solid	Total BTEX	
880-61361-8	TMW-37 (30-35)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC/MS VOA (Continued)

Analysis Batch: 255238 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-9	TMW-37 (35-40)	Total/NA	Solid	Total BTEX	
880-61361-10	TMW-37 (40-45)	Total/NA	Solid	Total BTEX	
880-61361-11	TMW-37 (45-50)	Total/NA	Solid	Total BTEX	
880-61361-12	TMW-37 (50-55)	Total/NA	Solid	Total BTEX	
880-61361-13	TMW-37 (55-60)	Total/NA	Solid	Total BTEX	
880-61361-14	TMW-34 (0-5)	Total/NA	Solid	Total BTEX	
880-61361-15	TMW-34 (5-10)	Total/NA	Solid	Total BTEX	
880-61361-16	TMW-34 (10-15)	Total/NA	Solid	Total BTEX	
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	Total BTEX	
880-61361-18	TMW-34 (20-25)	Total/NA	Solid	Total BTEX	
880-61361-19	TMW-34 (25-30)	Total/NA	Solid	Total BTEX	
880-61361-20	TMW-34 (30-35)	Total/NA	Solid	Total BTEX	
880-61361-21	TMW-34 (35-40)	Total/NA	Solid	Total BTEX	
880-61361-22	TMW-34 (40-45)	Total/NA	Solid	Total BTEX	
880-61361-23	TMW-34 (45-50)	Total/NA	Solid	Total BTEX	
880-61361-24	TMW-34 (50-55)	Total/NA	Solid	Total BTEX	
880-61361-25	TMW-34 (55-60)	Total/NA	Solid	Total BTEX	
880-61361-26	TMW-34 (60-65)	Total/NA	Solid	Total BTEX	
880-61361-27	TMW-34 (65-70)	Total/NA	Solid	Total BTEX	
880-61361-28	TMW-34 (70-75)	Total/NA	Solid	Total BTEX	
880-61361-29	TMW-34 (75-80)	Total/NA	Solid	Total BTEX	
880-61361-30	TMW-34 (80-85)	Total/NA	Solid	Total BTEX	
880-61361-31	TMW-34 (85-90)	Total/NA	Solid	Total BTEX	
880-61361-32	TMW-36 (55-60)	Total/NA	Solid	Total BTEX	
880-61361-33	TMW-36 (60-65)	Total/NA	Solid	Total BTEX	
880-61361-34	TMW-36 (65-70)	Total/NA	Solid	Total BTEX	
880-61361-35	TMW-36 (70-75)	Total/NA	Solid	Total BTEX	
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	Total BTEX	
880-61361-37	TMW-31 (0-5)	Total/NA	Solid	Total BTEX	
880-61361-38	TMW-31 (5-10)	Total/NA	Solid	Total BTEX	
880-61361-39	TMW-31 (10-15)	Total/NA	Solid	Total BTEX	
880-61361-40	TMW-31 (15-20)	Total/NA	Solid	Total BTEX	
880-61361-41	TMW-31 (20-25)	Total/NA	Solid	Total BTEX	
880-61361-42	TMW-31 (25-30)	Total/NA	Solid	Total BTEX	
880-61361-43	TMW-31 (30-35)	Total/NA	Solid	Total BTEX	
880-61361-44	TMW-31 (35-40)	Total/NA	Solid	Total BTEX	
880-61361-45	TMW-31 (40-45)	Total/NA	Solid	Total BTEX	
880-61361-46	TMW-31 (45-50)	Total/NA	Solid	Total BTEX	
880-61361-47	TMW-31 (50-55)	Total/NA	Solid	Total BTEX	
880-61361-48	TMW-31 (55-60)	Total/NA	Solid	Total BTEX	
880-61361-49	TMW-31 (60-65)	Total/NA	Solid	Total BTEX	
880-61361-50	TMW-31 (65-70)	Total/NA	Solid	Total BTEX	
880-61361-51	TMW-31 (70-75)	Total/NA	Solid	Total BTEX	
880-61361-52	TMW-31 (75-80)	Total/NA	Solid	Total BTEX	
880-61361-53	DUP-6-S	Total/NA	Solid	Total BTEX	
880-61361-54	TMW-30 (0-5)	Total/NA	Solid	Total BTEX	
880-61361-55	TMW-30 (5-10)	Total/NA	Solid	Total BTEX	
880-61361-56	TMW-30 (10-15)	Total/NA	Solid	Total BTEX	
880-61361-57	TMW-30 (15-20)	Total/NA	Solid	Total BTEX	
880-61361-58	TMW-30 (20-25)	Total/NA	Solid	Total BTEX	
880-61361-59	TMW-30 (25-30)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC/MS VOA (Continued)

Analysis Batch: 255238 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-60	TMW-30 (30-35)	Total/NA	Solid	Total BTEX	
880-61361-61	TMW-30 (35-40)	Total/NA	Solid	Total BTEX	
880-61361-62	TMW-30 (40-45)	Total/NA	Solid	Total BTEX	
880-61361-63	TMW-30 (45-50)	Total/NA	Solid	Total BTEX	
880-61361-64	TMW-30 (50-55)	Total/NA	Solid	Total BTEX	
880-61361-65	TMW-30 (55-60)	Total/NA	Solid	Total BTEX	
880-61361-66	TMW-30 (60-65)	Total/NA	Solid	Total BTEX	
880-61361-67	TMW-30 (65-70)	Total/NA	Solid	Total BTEX	
880-61361-68	TMW-30 (70-75)	Total/NA	Solid	Total BTEX	
880-61361-69	TMW-30 (75-80)	Total/NA	Solid	Total BTEX	
880-61361-70	TMW-30 (80-85)	Total/NA	Solid	Total BTEX	
880-61361-71	TMW-36 (0-5)	Total/NA	Solid	Total BTEX	
880-61361-72	TMW-36 (5-10)	Total/NA	Solid	Total BTEX	
880-61361-73	TMW-36 (10-15)	Total/NA	Solid	Total BTEX	
880-61361-74	TMW-36 (15-20)	Total/NA	Solid	Total BTEX	
880-61361-75	TMW-36 (20-25)	Total/NA	Solid	Total BTEX	
880-61361-76	TMW-36 (25-30)	Total/NA	Solid	Total BTEX	
880-61361-77	TMW-36 (30-35)	Total/NA	Solid	Total BTEX	
880-61361-78	TMW-36 (35-40)	Total/NA	Solid	Total BTEX	
880-61361-79	TMW-36 (40-45)	Total/NA	Solid	Total BTEX	
880-61361-80	TMW-36 (45-50)	Total/NA	Solid	Total BTEX	
880-61361-81	TMW-36 (50-55)	Total/NA	Solid	Total BTEX	
880-61361-82	SB-2 (40)	Total/NA	Solid	Total BTEX	
880-61361-83	SB-2 (45)	Total/NA	Solid	Total BTEX	
880-61361-84	SB-2 (50)	Total/NA	Solid	Total BTEX	
880-61361-85	SB-2 (0-2.5)	Total/NA	Solid	Total BTEX	
880-61361-86	DUP-7-S	Total/NA	Solid	Total BTEX	
880-61361-87	SB-2 (4-4.5)	Total/NA	Solid	Total BTEX	
880-61361-88	SB-2 (6)	Total/NA	Solid	Total BTEX	
880-61361-89	SB-2 (8)	Total/NA	Solid	Total BTEX	
880-61361-90	SB-2 (10)	Total/NA	Solid	Total BTEX	
880-61361-91	SB-2 (12)	Total/NA	Solid	Total BTEX	
880-61361-92	SB-2 (15)	Total/NA	Solid	Total BTEX	
880-61361-93	SB-2 (18)	Total/NA	Solid	Total BTEX	
880-61361-94	DUP8-S	Total/NA	Solid	Total BTEX	
880-61361-95	SB-2 (20)	Total/NA	Solid	Total BTEX	
880-61361-96	SB-2 (25)	Total/NA	Solid	Total BTEX	
880-61361-97	SB-2 (35)	Total/NA	Solid	Total BTEX	
880-61361-98	SB-1 (01)	Total/NA	Solid	Total BTEX	
880-61361-99	SB-1 (50)	Total/NA	Solid	Total BTEX	
880-61361-100	SB-1 (05)	Total/NA	Solid	Total BTEX	
880-61361-101	SB-1 (10)	Total/NA	Solid	Total BTEX	
880-61361-102	SB-1 (15)	Total/NA	Solid	Total BTEX	
880-61361-103	SB-1 (20)	Total/NA	Solid	Total BTEX	
880-61361-104	SB-1 (25)	Total/NA	Solid	Total BTEX	
880-61361-105	SB-1 (30)	Total/NA	Solid	Total BTEX	
880-61361-106	SB-1 (35)	Total/NA	Solid	Total BTEX	
880-61361-107	SB-1 (40)	Total/NA	Solid	Total BTEX	
880-61361-108	SB-1 (45)	Total/NA	Solid	Total BTEX	
880-61361-109	SB-2 (2.5-3)	Total/NA	Solid	Total BTEX	
880-61361-110	SB-2 (30)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC/MS VOA

Analysis Batch: 255256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-63	TMW-30 (45-50)	Total/NA	Solid	8260D	254932
880-61361-64	TMW-30 (50-55)	Total/NA	Solid	8260D	254932
880-61361-65	TMW-30 (55-60)	Total/NA	Solid	8260D	254932
880-61361-66	TMW-30 (60-65)	Total/NA	Solid	8260D	254932
880-61361-67	TMW-30 (65-70)	Total/NA	Solid	8260D	254932
880-61361-91	SB-2 (12)	Total/NA	Solid	8260D	254932
880-61361-92	SB-2 (15)	Total/NA	Solid	8260D	254932
880-61361-93	SB-2 (18)	Total/NA	Solid	8260D	254932
880-61361-94	DUP8-S	Total/NA	Solid	8260D	254932
880-61361-96	SB-2 (25)	Total/NA	Solid	8260D	254932
MB 860-255256/20	Method Blank	Total/NA	Solid	8260D	
LCS 860-255256/1014	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255256/16	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 255329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-11	TMW-37 (45-50)	Total/NA	Solid	8260D	254932
880-61361-12	TMW-37 (50-55)	Total/NA	Solid	8260D	254932
880-61361-13	TMW-37 (55-60)	Total/NA	Solid	8260D	254932
880-61361-14	TMW-34 (0-5)	Total/NA	Solid	8260D	254932
880-61361-19	TMW-34 (25-30)	Total/NA	Solid	8260D	254932
880-61361-20	TMW-34 (30-35)	Total/NA	Solid	8260D	254932
880-61361-21	TMW-34 (35-40)	Total/NA	Solid	8260D	254932
880-61361-22	TMW-34 (40-45)	Total/NA	Solid	8260D	254932
880-61361-23	TMW-34 (45-50)	Total/NA	Solid	8260D	254932
880-61361-24	TMW-34 (50-55)	Total/NA	Solid	8260D	254932
MB 860-255329/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-255329/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255329/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 255609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Total/NA	Solid	8260D	254932
880-61361-9	TMW-37 (35-40)	Total/NA	Solid	8260D	254932
880-61361-10	TMW-37 (40-45)	Total/NA	Solid	8260D	254932
880-61361-39	TMW-31 (10-15)	Total/NA	Solid	8260D	254932
880-61361-68	TMW-30 (70-75)	Total/NA	Solid	8260D	254932
880-61361-95	SB-2 (20)	Total/NA	Solid	8260D	254932
MB 860-255609/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-255609/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255609/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
880-61361-1 MS	DUP-5-S	Total/NA	Solid	8260D	254932

Analysis Batch: 255759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-104	SB-1 (25)	Total/NA	Solid	8260D	254932
MB 860-255759/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-255759/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-255759/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC Semi VOA

Prep Batch: 116431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-109	SB-2 (2.5-3)	Total/NA	Solid	8015NM Prep	
880-61361-110	SB-2 (30)	Total/NA	Solid	8015NM Prep	
MB 880-116431/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116431/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116431/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 116506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Total/NA	Solid	8015NM Prep	
880-61361-2	TMW-37 (0-5)	Total/NA	Solid	8015NM Prep	
880-61361-3	TMW-37 (5-10)	Total/NA	Solid	8015NM Prep	
880-61361-4	TMW-37 (10-15)	Total/NA	Solid	8015NM Prep	
880-61361-5	TMW-37 (15-20)	Total/NA	Solid	8015NM Prep	
880-61361-6	TMW-37 (20-25)	Total/NA	Solid	8015NM Prep	
880-61361-7	TMW-37 (25-30)	Total/NA	Solid	8015NM Prep	
880-61361-8	TMW-37 (30-35)	Total/NA	Solid	8015NM Prep	
880-61361-9	TMW-37 (35-40)	Total/NA	Solid	8015NM Prep	
880-61361-10	TMW-37 (40-45)	Total/NA	Solid	8015NM Prep	
MB 880-116506/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116506/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116506/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61361-1 MS	DUP-5-S	Total/NA	Solid	8015NM Prep	
880-61361-1 MSD	DUP-5-S	Total/NA	Solid	8015NM Prep	

Prep Batch: 116507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-21	TMW-34 (35-40)	Total/NA	Solid	8015NM Prep	
880-61361-22	TMW-34 (40-45)	Total/NA	Solid	8015NM Prep	
880-61361-23	TMW-34 (45-50)	Total/NA	Solid	8015NM Prep	
880-61361-24	TMW-34 (50-55)	Total/NA	Solid	8015NM Prep	
880-61361-25	TMW-34 (55-60)	Total/NA	Solid	8015NM Prep	
880-61361-26	TMW-34 (60-65)	Total/NA	Solid	8015NM Prep	
880-61361-27	TMW-34 (65-70)	Total/NA	Solid	8015NM Prep	
880-61361-28	TMW-34 (70-75)	Total/NA	Solid	8015NM Prep	
880-61361-29	TMW-34 (75-80)	Total/NA	Solid	8015NM Prep	
880-61361-30	TMW-34 (80-85)	Total/NA	Solid	8015NM Prep	
880-61361-31	TMW-34 (85-90)	Total/NA	Solid	8015NM Prep	
880-61361-32	TMW-36 (55-60)	Total/NA	Solid	8015NM Prep	
880-61361-33	TMW-36 (60-65)	Total/NA	Solid	8015NM Prep	
880-61361-34	TMW-36 (65-70)	Total/NA	Solid	8015NM Prep	
880-61361-35	TMW-36 (70-75)	Total/NA	Solid	8015NM Prep	
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	8015NM Prep	
880-61361-37	TMW-31 (0-5)	Total/NA	Solid	8015NM Prep	
880-61361-38	TMW-31 (5-10)	Total/NA	Solid	8015NM Prep	
880-61361-39	TMW-31 (10-15)	Total/NA	Solid	8015NM Prep	
880-61361-40	TMW-31 (15-20)	Total/NA	Solid	8015NM Prep	
MB 880-116507/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116507/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116507/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61361-21 MS	TMW-34 (35-40)	Total/NA	Solid	8015NM Prep	
880-61361-21 MSD	TMW-34 (35-40)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC Semi VOA

Prep Batch: 116508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-41	TMW-31 (20-25)	Total/NA	Solid	8015NM Prep	
880-61361-42	TMW-31 (25-30)	Total/NA	Solid	8015NM Prep	
880-61361-43	TMW-31 (30-35)	Total/NA	Solid	8015NM Prep	
880-61361-44	TMW-31 (35-40)	Total/NA	Solid	8015NM Prep	
880-61361-45	TMW-31 (40-45)	Total/NA	Solid	8015NM Prep	
880-61361-46	TMW-31 (45-50)	Total/NA	Solid	8015NM Prep	
880-61361-47	TMW-31 (50-55)	Total/NA	Solid	8015NM Prep	
880-61361-48	TMW-31 (55-60)	Total/NA	Solid	8015NM Prep	
880-61361-49	TMW-31 (60-65)	Total/NA	Solid	8015NM Prep	
880-61361-50	TMW-31 (65-70)	Total/NA	Solid	8015NM Prep	
880-61361-51	TMW-31 (70-75)	Total/NA	Solid	8015NM Prep	
880-61361-52	TMW-31 (75-80)	Total/NA	Solid	8015NM Prep	
880-61361-53	DUP-6-S	Total/NA	Solid	8015NM Prep	
880-61361-54	TMW-30 (0-5)	Total/NA	Solid	8015NM Prep	
880-61361-55	TMW-30 (5-10)	Total/NA	Solid	8015NM Prep	
880-61361-56	TMW-30 (10-15)	Total/NA	Solid	8015NM Prep	
880-61361-57	TMW-30 (15-20)	Total/NA	Solid	8015NM Prep	
880-61361-58	TMW-30 (20-25)	Total/NA	Solid	8015NM Prep	
880-61361-59	TMW-30 (25-30)	Total/NA	Solid	8015NM Prep	
880-61361-60	TMW-30 (30-35)	Total/NA	Solid	8015NM Prep	
MB 880-116508/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116508/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116508/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61361-41 MS	TMW-31 (20-25)	Total/NA	Solid	8015NM Prep	
880-61361-41 MSD	TMW-31 (20-25)	Total/NA	Solid	8015NM Prep	

Prep Batch: 116509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-61	TMW-30 (35-40)	Total/NA	Solid	8015NM Prep	
880-61361-62	TMW-30 (40-45)	Total/NA	Solid	8015NM Prep	
880-61361-63	TMW-30 (45-50)	Total/NA	Solid	8015NM Prep	
880-61361-64	TMW-30 (50-55)	Total/NA	Solid	8015NM Prep	
880-61361-65	TMW-30 (55-60)	Total/NA	Solid	8015NM Prep	
880-61361-66	TMW-30 (60-65)	Total/NA	Solid	8015NM Prep	
880-61361-67	TMW-30 (65-70)	Total/NA	Solid	8015NM Prep	
880-61361-68	TMW-30 (70-75)	Total/NA	Solid	8015NM Prep	
880-61361-69	TMW-30 (75-80)	Total/NA	Solid	8015NM Prep	
880-61361-70	TMW-30 (80-85)	Total/NA	Solid	8015NM Prep	
880-61361-71	TMW-36 (0-5)	Total/NA	Solid	8015NM Prep	
880-61361-72	TMW-36 (5-10)	Total/NA	Solid	8015NM Prep	
880-61361-73	TMW-36 (10-15)	Total/NA	Solid	8015NM Prep	
880-61361-74	TMW-36 (15-20)	Total/NA	Solid	8015NM Prep	
880-61361-75	TMW-36 (20-25)	Total/NA	Solid	8015NM Prep	
880-61361-76	TMW-36 (25-30)	Total/NA	Solid	8015NM Prep	
880-61361-77	TMW-36 (30-35)	Total/NA	Solid	8015NM Prep	
880-61361-78	TMW-36 (35-40)	Total/NA	Solid	8015NM Prep	
880-61361-79	TMW-36 (40-45)	Total/NA	Solid	8015NM Prep	
880-61361-80	TMW-36 (45-50)	Total/NA	Solid	8015NM Prep	
MB 880-116509/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116509/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116509/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC Semi VOA (Continued)

Prep Batch: 116509 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-61 MS	TMW-30 (35-40)	Total/NA	Solid	8015NM Prep	
880-61361-61 MSD	TMW-30 (35-40)	Total/NA	Solid	8015NM Prep	

Prep Batch: 116510

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-81	TMW-36 (50-55)	Total/NA	Solid	8015NM Prep	
880-61361-82	SB-2 (40)	Total/NA	Solid	8015NM Prep	
880-61361-83	SB-2 (45)	Total/NA	Solid	8015NM Prep	
880-61361-84	SB-2 (50)	Total/NA	Solid	8015NM Prep	
880-61361-86	DUP-7-S	Total/NA	Solid	8015NM Prep	
880-61361-87	SB-2 (4-4.5)	Total/NA	Solid	8015NM Prep	
880-61361-88	SB-2 (6)	Total/NA	Solid	8015NM Prep	
880-61361-89	SB-2 (8)	Total/NA	Solid	8015NM Prep	
880-61361-90	SB-2 (10)	Total/NA	Solid	8015NM Prep	
880-61361-91	SB-2 (12)	Total/NA	Solid	8015NM Prep	
880-61361-92	SB-2 (15)	Total/NA	Solid	8015NM Prep	
880-61361-93	SB-2 (18)	Total/NA	Solid	8015NM Prep	
880-61361-94	DUP8-S	Total/NA	Solid	8015NM Prep	
880-61361-95	SB-2 (20)	Total/NA	Solid	8015NM Prep	
880-61361-96	SB-2 (25)	Total/NA	Solid	8015NM Prep	
880-61361-97	SB-2 (35)	Total/NA	Solid	8015NM Prep	
880-61361-98	SB-1 (01)	Total/NA	Solid	8015NM Prep	
880-61361-99	SB-1 (50)	Total/NA	Solid	8015NM Prep	
880-61361-100	SB-1 (05)	Total/NA	Solid	8015NM Prep	
MB 880-116510/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116510/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116510/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61361-81 MS	TMW-36 (50-55)	Total/NA	Solid	8015NM Prep	
880-61361-81 MSD	TMW-36 (50-55)	Total/NA	Solid	8015NM Prep	

Prep Batch: 116511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-101	SB-1 (10)	Total/NA	Solid	8015NM Prep	
880-61361-102	SB-1 (15)	Total/NA	Solid	8015NM Prep	
880-61361-103	SB-1 (20)	Total/NA	Solid	8015NM Prep	
880-61361-104	SB-1 (25)	Total/NA	Solid	8015NM Prep	
880-61361-105	SB-1 (30)	Total/NA	Solid	8015NM Prep	
880-61361-106	SB-1 (35)	Total/NA	Solid	8015NM Prep	
880-61361-107	SB-1 (40)	Total/NA	Solid	8015NM Prep	
880-61361-108	SB-1 (45)	Total/NA	Solid	8015NM Prep	
MB 880-116511/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116511/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116511/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61361-102 MS	SB-1 (15)	Total/NA	Solid	8015NM Prep	
880-61361-102 MSD	SB-1 (15)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Total/NA	Solid	8015B NM	116506
880-61361-2	TMW-37 (0-5)	Total/NA	Solid	8015B NM	116506
880-61361-3	TMW-37 (5-10)	Total/NA	Solid	8015B NM	116506

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC Semi VOA (Continued)

Analysis Batch: 116849 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-4	TMW-37 (10-15)	Total/NA	Solid	8015B NM	116506
880-61361-5	TMW-37 (15-20)	Total/NA	Solid	8015B NM	116506
880-61361-6	TMW-37 (20-25)	Total/NA	Solid	8015B NM	116506
880-61361-7	TMW-37 (25-30)	Total/NA	Solid	8015B NM	116506
880-61361-8	TMW-37 (30-35)	Total/NA	Solid	8015B NM	116506
880-61361-9	TMW-37 (35-40)	Total/NA	Solid	8015B NM	116506
880-61361-10	TMW-37 (40-45)	Total/NA	Solid	8015B NM	116506
880-61361-109	SB-2 (2.5-3)	Total/NA	Solid	8015B NM	116431
880-61361-110	SB-2 (30)	Total/NA	Solid	8015B NM	116431
MB 880-116431/1-A	Method Blank	Total/NA	Solid	8015B NM	116431
MB 880-116506/1-A	Method Blank	Total/NA	Solid	8015B NM	116506
LCS 880-116431/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116431
LCS 880-116506/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116506
LCSD 880-116431/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116431
LCSD 880-116506/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116506
880-61361-1 MS	DUP-5-S	Total/NA	Solid	8015B NM	116506
880-61361-1 MSD	DUP-5-S	Total/NA	Solid	8015B NM	116506

Analysis Batch: 116852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-21	TMW-34 (35-40)	Total/NA	Solid	8015B NM	116507
880-61361-22	TMW-34 (40-45)	Total/NA	Solid	8015B NM	116507
880-61361-23	TMW-34 (45-50)	Total/NA	Solid	8015B NM	116507
880-61361-24	TMW-34 (50-55)	Total/NA	Solid	8015B NM	116507
880-61361-25	TMW-34 (55-60)	Total/NA	Solid	8015B NM	116507
880-61361-26	TMW-34 (60-65)	Total/NA	Solid	8015B NM	116507
880-61361-27	TMW-34 (65-70)	Total/NA	Solid	8015B NM	116507
880-61361-28	TMW-34 (70-75)	Total/NA	Solid	8015B NM	116507
880-61361-29	TMW-34 (75-80)	Total/NA	Solid	8015B NM	116507
880-61361-30	TMW-34 (80-85)	Total/NA	Solid	8015B NM	116507
880-61361-31	TMW-34 (85-90)	Total/NA	Solid	8015B NM	116507
880-61361-32	TMW-36 (55-60)	Total/NA	Solid	8015B NM	116507
880-61361-33	TMW-36 (60-65)	Total/NA	Solid	8015B NM	116507
880-61361-34	TMW-36 (65-70)	Total/NA	Solid	8015B NM	116507
880-61361-35	TMW-36 (70-75)	Total/NA	Solid	8015B NM	116507
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	8015B NM	116507
880-61361-37	TMW-31 (0-5)	Total/NA	Solid	8015B NM	116507
880-61361-38	TMW-31 (5-10)	Total/NA	Solid	8015B NM	116507
880-61361-39	TMW-31 (10-15)	Total/NA	Solid	8015B NM	116507
880-61361-40	TMW-31 (15-20)	Total/NA	Solid	8015B NM	116507
MB 880-116507/1-A	Method Blank	Total/NA	Solid	8015B NM	116507
LCS 880-116507/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116507
LCSD 880-116507/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116507
880-61361-21 MS	TMW-34 (35-40)	Total/NA	Solid	8015B NM	116507
880-61361-21 MSD	TMW-34 (35-40)	Total/NA	Solid	8015B NM	116507

Prep Batch: 116866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-11	TMW-37 (45-50)	Total/NA	Solid	8015NM Prep	
880-61361-12	TMW-37 (50-55)	Total/NA	Solid	8015NM Prep	
880-61361-13	TMW-37 (55-60)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC Semi VOA (Continued)

Prep Batch: 116866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-14	TMW-34 (0-5)	Total/NA	Solid	8015NM Prep	
880-61361-15	TMW-34 (5-10)	Total/NA	Solid	8015NM Prep	
880-61361-16	TMW-34 (10-15)	Total/NA	Solid	8015NM Prep	
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	8015NM Prep	
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Total/NA	Solid	8015 NM	
880-61361-2	TMW-37 (0-5)	Total/NA	Solid	8015 NM	
880-61361-3	TMW-37 (5-10)	Total/NA	Solid	8015 NM	
880-61361-4	TMW-37 (10-15)	Total/NA	Solid	8015 NM	
880-61361-5	TMW-37 (15-20)	Total/NA	Solid	8015 NM	
880-61361-6	TMW-37 (20-25)	Total/NA	Solid	8015 NM	
880-61361-7	TMW-37 (25-30)	Total/NA	Solid	8015 NM	
880-61361-8	TMW-37 (30-35)	Total/NA	Solid	8015 NM	
880-61361-9	TMW-37 (35-40)	Total/NA	Solid	8015 NM	
880-61361-10	TMW-37 (40-45)	Total/NA	Solid	8015 NM	
880-61361-11	TMW-37 (45-50)	Total/NA	Solid	8015 NM	
880-61361-12	TMW-37 (50-55)	Total/NA	Solid	8015 NM	
880-61361-13	TMW-37 (55-60)	Total/NA	Solid	8015 NM	
880-61361-14	TMW-34 (0-5)	Total/NA	Solid	8015 NM	
880-61361-15	TMW-34 (5-10)	Total/NA	Solid	8015 NM	
880-61361-16	TMW-34 (10-15)	Total/NA	Solid	8015 NM	
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	8015 NM	
880-61361-18	TMW-34 (20-25)	Total/NA	Solid	8015 NM	
880-61361-19	TMW-34 (25-30)	Total/NA	Solid	8015 NM	
880-61361-20	TMW-34 (30-35)	Total/NA	Solid	8015 NM	
880-61361-21	TMW-34 (35-40)	Total/NA	Solid	8015 NM	
880-61361-22	TMW-34 (40-45)	Total/NA	Solid	8015 NM	
880-61361-23	TMW-34 (45-50)	Total/NA	Solid	8015 NM	
880-61361-24	TMW-34 (50-55)	Total/NA	Solid	8015 NM	
880-61361-25	TMW-34 (55-60)	Total/NA	Solid	8015 NM	
880-61361-26	TMW-34 (60-65)	Total/NA	Solid	8015 NM	
880-61361-27	TMW-34 (65-70)	Total/NA	Solid	8015 NM	
880-61361-28	TMW-34 (70-75)	Total/NA	Solid	8015 NM	
880-61361-29	TMW-34 (75-80)	Total/NA	Solid	8015 NM	
880-61361-30	TMW-34 (80-85)	Total/NA	Solid	8015 NM	
880-61361-31	TMW-34 (85-90)	Total/NA	Solid	8015 NM	
880-61361-32	TMW-36 (55-60)	Total/NA	Solid	8015 NM	
880-61361-33	TMW-36 (60-65)	Total/NA	Solid	8015 NM	
880-61361-34	TMW-36 (65-70)	Total/NA	Solid	8015 NM	
880-61361-35	TMW-36 (70-75)	Total/NA	Solid	8015 NM	
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	8015 NM	
880-61361-37	TMW-31 (0-5)	Total/NA	Solid	8015 NM	
880-61361-38	TMW-31 (5-10)	Total/NA	Solid	8015 NM	
880-61361-39	TMW-31 (10-15)	Total/NA	Solid	8015 NM	
880-61361-40	TMW-31 (15-20)	Total/NA	Solid	8015 NM	
880-61361-41	TMW-31 (20-25)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC Semi VOA (Continued)

Analysis Batch: 116902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-42	TMW-31 (25-30)	Total/NA	Solid	8015 NM	
880-61361-43	TMW-31 (30-35)	Total/NA	Solid	8015 NM	
880-61361-44	TMW-31 (35-40)	Total/NA	Solid	8015 NM	
880-61361-45	TMW-31 (40-45)	Total/NA	Solid	8015 NM	
880-61361-46	TMW-31 (45-50)	Total/NA	Solid	8015 NM	
880-61361-47	TMW-31 (50-55)	Total/NA	Solid	8015 NM	
880-61361-48	TMW-31 (55-60)	Total/NA	Solid	8015 NM	
880-61361-49	TMW-31 (60-65)	Total/NA	Solid	8015 NM	
880-61361-50	TMW-31 (65-70)	Total/NA	Solid	8015 NM	
880-61361-51	TMW-31 (70-75)	Total/NA	Solid	8015 NM	
880-61361-52	TMW-31 (75-80)	Total/NA	Solid	8015 NM	
880-61361-53	DUP-6-S	Total/NA	Solid	8015 NM	
880-61361-54	TMW-30 (0-5)	Total/NA	Solid	8015 NM	
880-61361-55	TMW-30 (5-10)	Total/NA	Solid	8015 NM	
880-61361-56	TMW-30 (10-15)	Total/NA	Solid	8015 NM	
880-61361-57	TMW-30 (15-20)	Total/NA	Solid	8015 NM	
880-61361-58	TMW-30 (20-25)	Total/NA	Solid	8015 NM	
880-61361-59	TMW-30 (25-30)	Total/NA	Solid	8015 NM	
880-61361-60	TMW-30 (30-35)	Total/NA	Solid	8015 NM	
880-61361-61	TMW-30 (35-40)	Total/NA	Solid	8015 NM	
880-61361-62	TMW-30 (40-45)	Total/NA	Solid	8015 NM	
880-61361-63	TMW-30 (45-50)	Total/NA	Solid	8015 NM	
880-61361-64	TMW-30 (50-55)	Total/NA	Solid	8015 NM	
880-61361-65	TMW-30 (55-60)	Total/NA	Solid	8015 NM	
880-61361-66	TMW-30 (60-65)	Total/NA	Solid	8015 NM	
880-61361-67	TMW-30 (65-70)	Total/NA	Solid	8015 NM	
880-61361-68	TMW-30 (70-75)	Total/NA	Solid	8015 NM	
880-61361-69	TMW-30 (75-80)	Total/NA	Solid	8015 NM	
880-61361-70	TMW-30 (80-85)	Total/NA	Solid	8015 NM	
880-61361-71	TMW-36 (0-5)	Total/NA	Solid	8015 NM	
880-61361-72	TMW-36 (5-10)	Total/NA	Solid	8015 NM	
880-61361-73	TMW-36 (10-15)	Total/NA	Solid	8015 NM	
880-61361-74	TMW-36 (15-20)	Total/NA	Solid	8015 NM	
880-61361-75	TMW-36 (20-25)	Total/NA	Solid	8015 NM	
880-61361-76	TMW-36 (25-30)	Total/NA	Solid	8015 NM	
880-61361-77	TMW-36 (30-35)	Total/NA	Solid	8015 NM	
880-61361-78	TMW-36 (35-40)	Total/NA	Solid	8015 NM	
880-61361-79	TMW-36 (40-45)	Total/NA	Solid	8015 NM	
880-61361-80	TMW-36 (45-50)	Total/NA	Solid	8015 NM	
880-61361-81	TMW-36 (50-55)	Total/NA	Solid	8015 NM	
880-61361-82	SB-2 (40)	Total/NA	Solid	8015 NM	
880-61361-83	SB-2 (45)	Total/NA	Solid	8015 NM	
880-61361-84	SB-2 (50)	Total/NA	Solid	8015 NM	
880-61361-85	SB-2 (0-2.5)	Total/NA	Solid	8015 NM	
880-61361-86	DUP-7-S	Total/NA	Solid	8015 NM	
880-61361-87	SB-2 (4-4.5)	Total/NA	Solid	8015 NM	
880-61361-88	SB-2 (6)	Total/NA	Solid	8015 NM	
880-61361-89	SB-2 (8)	Total/NA	Solid	8015 NM	
880-61361-90	SB-2 (10)	Total/NA	Solid	8015 NM	
880-61361-91	SB-2 (12)	Total/NA	Solid	8015 NM	
880-61361-92	SB-2 (15)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC Semi VOA (Continued)

Analysis Batch: 116902 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-93	SB-2 (18)	Total/NA	Solid	8015 NM	
880-61361-94	DUP8-S	Total/NA	Solid	8015 NM	
880-61361-95	SB-2 (20)	Total/NA	Solid	8015 NM	
880-61361-96	SB-2 (25)	Total/NA	Solid	8015 NM	
880-61361-97	SB-2 (35)	Total/NA	Solid	8015 NM	
880-61361-98	SB-1 (01)	Total/NA	Solid	8015 NM	
880-61361-99	SB-1 (50)	Total/NA	Solid	8015 NM	
880-61361-100	SB-1 (05)	Total/NA	Solid	8015 NM	
880-61361-101	SB-1 (10)	Total/NA	Solid	8015 NM	
880-61361-102	SB-1 (15)	Total/NA	Solid	8015 NM	
880-61361-103	SB-1 (20)	Total/NA	Solid	8015 NM	
880-61361-104	SB-1 (25)	Total/NA	Solid	8015 NM	
880-61361-105	SB-1 (30)	Total/NA	Solid	8015 NM	
880-61361-106	SB-1 (35)	Total/NA	Solid	8015 NM	
880-61361-107	SB-1 (40)	Total/NA	Solid	8015 NM	
880-61361-108	SB-1 (45)	Total/NA	Solid	8015 NM	
880-61361-109	SB-2 (2.5-3)	Total/NA	Solid	8015 NM	
880-61361-110	SB-2 (30)	Total/NA	Solid	8015 NM	

Analysis Batch: 116921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-61	TMW-30 (35-40)	Total/NA	Solid	8015B NM	116509
880-61361-62	TMW-30 (40-45)	Total/NA	Solid	8015B NM	116509
880-61361-63	TMW-30 (45-50)	Total/NA	Solid	8015B NM	116509
880-61361-64	TMW-30 (50-55)	Total/NA	Solid	8015B NM	116509
880-61361-65	TMW-30 (55-60)	Total/NA	Solid	8015B NM	116509
880-61361-66	TMW-30 (60-65)	Total/NA	Solid	8015B NM	116509
880-61361-67	TMW-30 (65-70)	Total/NA	Solid	8015B NM	116509
880-61361-68	TMW-30 (70-75)	Total/NA	Solid	8015B NM	116509
880-61361-69	TMW-30 (75-80)	Total/NA	Solid	8015B NM	116509
880-61361-70	TMW-30 (80-85)	Total/NA	Solid	8015B NM	116509
880-61361-71	TMW-36 (0-5)	Total/NA	Solid	8015B NM	116509
880-61361-72	TMW-36 (5-10)	Total/NA	Solid	8015B NM	116509
880-61361-73	TMW-36 (10-15)	Total/NA	Solid	8015B NM	116509
880-61361-74	TMW-36 (15-20)	Total/NA	Solid	8015B NM	116509
880-61361-75	TMW-36 (20-25)	Total/NA	Solid	8015B NM	116509
880-61361-76	TMW-36 (25-30)	Total/NA	Solid	8015B NM	116509
880-61361-77	TMW-36 (30-35)	Total/NA	Solid	8015B NM	116509
880-61361-78	TMW-36 (35-40)	Total/NA	Solid	8015B NM	116509
880-61361-79	TMW-36 (40-45)	Total/NA	Solid	8015B NM	116509
880-61361-80	TMW-36 (45-50)	Total/NA	Solid	8015B NM	116509
MB 880-116509/1-A	Method Blank	Total/NA	Solid	8015B NM	116509
LCS 880-116509/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116509
LCSD 880-116509/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116509
880-61361-61 MS	TMW-30 (35-40)	Total/NA	Solid	8015B NM	116509
880-61361-61 MSD	TMW-30 (35-40)	Total/NA	Solid	8015B NM	116509

Analysis Batch: 116927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-11	TMW-37 (45-50)	Total/NA	Solid	8015B NM	116866
880-61361-12	TMW-37 (50-55)	Total/NA	Solid	8015B NM	116866

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC Semi VOA (Continued)

Analysis Batch: 116927 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-13	TMW-37 (55-60)	Total/NA	Solid	8015B NM	116866
880-61361-14	TMW-34 (0-5)	Total/NA	Solid	8015B NM	116866
880-61361-15	TMW-34 (5-10)	Total/NA	Solid	8015B NM	116866
880-61361-16	TMW-34 (10-15)	Total/NA	Solid	8015B NM	116866
880-61361-17	TMW-34 (15-20)	Total/NA	Solid	8015B NM	116866
MB 880-116866/1-A	Method Blank	Total/NA	Solid	8015B NM	116866
LCS 880-116866/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116866
LCSD 880-116866/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116866

Analysis Batch: 116959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-41	TMW-31 (20-25)	Total/NA	Solid	8015B NM	116508
880-61361-42	TMW-31 (25-30)	Total/NA	Solid	8015B NM	116508
880-61361-43	TMW-31 (30-35)	Total/NA	Solid	8015B NM	116508
880-61361-44	TMW-31 (35-40)	Total/NA	Solid	8015B NM	116508
880-61361-45	TMW-31 (40-45)	Total/NA	Solid	8015B NM	116508
880-61361-46	TMW-31 (45-50)	Total/NA	Solid	8015B NM	116508
880-61361-47	TMW-31 (50-55)	Total/NA	Solid	8015B NM	116508
880-61361-48	TMW-31 (55-60)	Total/NA	Solid	8015B NM	116508
880-61361-49	TMW-31 (60-65)	Total/NA	Solid	8015B NM	116508
880-61361-50	TMW-31 (65-70)	Total/NA	Solid	8015B NM	116508
880-61361-51	TMW-31 (70-75)	Total/NA	Solid	8015B NM	116508
880-61361-52	TMW-31 (75-80)	Total/NA	Solid	8015B NM	116508
880-61361-53	DUP-6-S	Total/NA	Solid	8015B NM	116508
880-61361-54	TMW-30 (0-5)	Total/NA	Solid	8015B NM	116508
880-61361-55	TMW-30 (5-10)	Total/NA	Solid	8015B NM	116508
880-61361-56	TMW-30 (10-15)	Total/NA	Solid	8015B NM	116508
880-61361-57	TMW-30 (15-20)	Total/NA	Solid	8015B NM	116508
880-61361-58	TMW-30 (20-25)	Total/NA	Solid	8015B NM	116508
880-61361-59	TMW-30 (25-30)	Total/NA	Solid	8015B NM	116508
880-61361-60	TMW-30 (30-35)	Total/NA	Solid	8015B NM	116508
MB 880-116508/1-A	Method Blank	Total/NA	Solid	8015B NM	116508
LCS 880-116508/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116508
LCSD 880-116508/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116508
880-61361-41 MS	TMW-31 (20-25)	Total/NA	Solid	8015B NM	116508
880-61361-41 MSD	TMW-31 (20-25)	Total/NA	Solid	8015B NM	116508

Prep Batch: 117009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-18	TMW-34 (20-25)	Total/NA	Solid	8015NM Prep	
880-61361-19	TMW-34 (25-30)	Total/NA	Solid	8015NM Prep	
880-61361-20	TMW-34 (30-35)	Total/NA	Solid	8015NM Prep	
MB 880-117009/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117009/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-101	SB-1 (10)	Total/NA	Solid	8015B NM	116511
880-61361-102	SB-1 (15)	Total/NA	Solid	8015B NM	116511
880-61361-103	SB-1 (20)	Total/NA	Solid	8015B NM	116511

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

GC Semi VOA (Continued)

Analysis Batch: 117014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-104	SB-1 (25)	Total/NA	Solid	8015B NM	116511
880-61361-105	SB-1 (30)	Total/NA	Solid	8015B NM	116511
880-61361-106	SB-1 (35)	Total/NA	Solid	8015B NM	116511
880-61361-107	SB-1 (40)	Total/NA	Solid	8015B NM	116511
880-61361-108	SB-1 (45)	Total/NA	Solid	8015B NM	116511
MB 880-116511/1-A	Method Blank	Total/NA	Solid	8015B NM	116511
LCS 880-116511/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116511
LCSD 880-116511/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116511
880-61361-102 MS	SB-1 (15)	Total/NA	Solid	8015B NM	116511
880-61361-102 MSD	SB-1 (15)	Total/NA	Solid	8015B NM	116511

Analysis Batch: 117019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-81	TMW-36 (50-55)	Total/NA	Solid	8015B NM	116510
880-61361-82	SB-2 (40)	Total/NA	Solid	8015B NM	116510
880-61361-83	SB-2 (45)	Total/NA	Solid	8015B NM	116510
880-61361-84	SB-2 (50)	Total/NA	Solid	8015B NM	116510
880-61361-86	DUP-7-S	Total/NA	Solid	8015B NM	116510
880-61361-87	SB-2 (4-4.5)	Total/NA	Solid	8015B NM	116510
880-61361-88	SB-2 (6)	Total/NA	Solid	8015B NM	116510
880-61361-89	SB-2 (8)	Total/NA	Solid	8015B NM	116510
880-61361-90	SB-2 (10)	Total/NA	Solid	8015B NM	116510
880-61361-91	SB-2 (12)	Total/NA	Solid	8015B NM	116510
880-61361-92	SB-2 (15)	Total/NA	Solid	8015B NM	116510
880-61361-93	SB-2 (18)	Total/NA	Solid	8015B NM	116510
880-61361-94	DUP8-S	Total/NA	Solid	8015B NM	116510
880-61361-95	SB-2 (20)	Total/NA	Solid	8015B NM	116510
880-61361-96	SB-2 (25)	Total/NA	Solid	8015B NM	116510
880-61361-97	SB-2 (35)	Total/NA	Solid	8015B NM	116510
880-61361-98	SB-1 (01)	Total/NA	Solid	8015B NM	116510
880-61361-99	SB-1 (50)	Total/NA	Solid	8015B NM	116510
880-61361-100	SB-1 (05)	Total/NA	Solid	8015B NM	116510
MB 880-116510/1-A	Method Blank	Total/NA	Solid	8015B NM	116510
LCS 880-116510/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116510
LCSD 880-116510/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116510
880-61361-81 MS	TMW-36 (50-55)	Total/NA	Solid	8015B NM	116510
880-61361-81 MSD	TMW-36 (50-55)	Total/NA	Solid	8015B NM	116510

Analysis Batch: 117021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-18	TMW-34 (20-25)	Total/NA	Solid	8015B NM	117009
880-61361-19	TMW-34 (25-30)	Total/NA	Solid	8015B NM	117009
880-61361-20	TMW-34 (30-35)	Total/NA	Solid	8015B NM	117009
MB 880-117009/1-A	Method Blank	Total/NA	Solid	8015B NM	117009
LCS 880-117009/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117009
LCSD 880-117009/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117009

Prep Batch: 117130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-85	SB-2 (0-2.5)	Total/NA	Solid	8015NM Prep	
MB 880-117130/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

GC Semi VOA (Continued)

Prep Batch: 117130 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-117130/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117130/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-85	SB-2 (0-2.5)	Total/NA	Solid	8015B NM	117130
MB 880-117130/1-A	Method Blank	Total/NA	Solid	8015B NM	117130
LCS 880-117130/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117130
LCSD 880-117130/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117130

Prep Batch: 118687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	8015NM Prep	
MB 880-118687/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-118687/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-118687/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61361-36 MS	TMW-36 (75-80)	Total/NA	Solid	8015NM Prep	
880-61361-36 MSD	TMW-36 (75-80)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 118702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-36	TMW-36 (75-80)	Total/NA	Solid	8015B NM	118687
MB 880-118687/1-A	Method Blank	Total/NA	Solid	8015B NM	118687
LCS 880-118687/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	118687
LCSD 880-118687/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	118687
880-61361-36 MS	TMW-36 (75-80)	Total/NA	Solid	8015B NM	118687
880-61361-36 MSD	TMW-36 (75-80)	Total/NA	Solid	8015B NM	118687

HPLC/IC

Leach Batch: 116497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Soluble	Solid	DI Leach	
880-61361-2	TMW-37 (0-5)	Soluble	Solid	DI Leach	
880-61361-3	TMW-37 (5-10)	Soluble	Solid	DI Leach	
880-61361-4	TMW-37 (10-15)	Soluble	Solid	DI Leach	
880-61361-5	TMW-37 (15-20)	Soluble	Solid	DI Leach	
880-61361-6	TMW-37 (20-25)	Soluble	Solid	DI Leach	
880-61361-7	TMW-37 (25-30)	Soluble	Solid	DI Leach	
880-61361-8	TMW-37 (30-35)	Soluble	Solid	DI Leach	
880-61361-9	TMW-37 (35-40)	Soluble	Solid	DI Leach	
880-61361-10	TMW-37 (40-45)	Soluble	Solid	DI Leach	
880-61361-11	TMW-37 (45-50)	Soluble	Solid	DI Leach	
880-61361-12	TMW-37 (50-55)	Soluble	Solid	DI Leach	
880-61361-13	TMW-37 (55-60)	Soluble	Solid	DI Leach	
880-61361-14	TMW-34 (0-5)	Soluble	Solid	DI Leach	
880-61361-15	TMW-34 (5-10)	Soluble	Solid	DI Leach	
880-61361-16	TMW-34 (10-15)	Soluble	Solid	DI Leach	
880-61361-17	TMW-34 (15-20)	Soluble	Solid	DI Leach	
880-61361-18	TMW-34 (20-25)	Soluble	Solid	DI Leach	
880-61361-19	TMW-34 (25-30)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

HPLC/IC (Continued)

Leach Batch: 116497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-20	TMW-34 (30-35)	Soluble	Solid	DI Leach	
MB 880-116497/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116497/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116497/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61361-1 MS	DUP-5-S	Soluble	Solid	DI Leach	
880-61361-1 MSD	DUP-5-S	Soluble	Solid	DI Leach	
880-61361-11 MS	TMW-37 (45-50)	Soluble	Solid	DI Leach	
880-61361-11 MSD	TMW-37 (45-50)	Soluble	Solid	DI Leach	

Leach Batch: 116498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-21	TMW-34 (35-40)	Soluble	Solid	DI Leach	
880-61361-22	TMW-34 (40-45)	Soluble	Solid	DI Leach	
880-61361-23	TMW-34 (45-50)	Soluble	Solid	DI Leach	
880-61361-24	TMW-34 (50-55)	Soluble	Solid	DI Leach	
880-61361-25	TMW-34 (55-60)	Soluble	Solid	DI Leach	
880-61361-26	TMW-34 (60-65)	Soluble	Solid	DI Leach	
880-61361-27	TMW-34 (65-70)	Soluble	Solid	DI Leach	
880-61361-28	TMW-34 (70-75)	Soluble	Solid	DI Leach	
880-61361-29	TMW-34 (75-80)	Soluble	Solid	DI Leach	
880-61361-30	TMW-34 (80-85)	Soluble	Solid	DI Leach	
880-61361-31	TMW-34 (85-90)	Soluble	Solid	DI Leach	
880-61361-32	TMW-36 (55-60)	Soluble	Solid	DI Leach	
880-61361-33	TMW-36 (60-65)	Soluble	Solid	DI Leach	
880-61361-34	TMW-36 (65-70)	Soluble	Solid	DI Leach	
880-61361-35	TMW-36 (70-75)	Soluble	Solid	DI Leach	
880-61361-36	TMW-36 (75-80)	Soluble	Solid	DI Leach	
880-61361-37	TMW-31 (0-5)	Soluble	Solid	DI Leach	
880-61361-38	TMW-31 (5-10)	Soluble	Solid	DI Leach	
880-61361-39	TMW-31 (10-15)	Soluble	Solid	DI Leach	
880-61361-40	TMW-31 (15-20)	Soluble	Solid	DI Leach	
MB 880-116498/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116498/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116498/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61361-21 MS	TMW-34 (35-40)	Soluble	Solid	DI Leach	
880-61361-21 MSD	TMW-34 (35-40)	Soluble	Solid	DI Leach	
880-61361-31 MS	TMW-34 (85-90)	Soluble	Solid	DI Leach	
880-61361-31 MSD	TMW-34 (85-90)	Soluble	Solid	DI Leach	

Leach Batch: 116499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-41	TMW-31 (20-25)	Soluble	Solid	DI Leach	
880-61361-42	TMW-31 (25-30)	Soluble	Solid	DI Leach	
880-61361-43	TMW-31 (30-35)	Soluble	Solid	DI Leach	
880-61361-44	TMW-31 (35-40)	Soluble	Solid	DI Leach	
880-61361-45	TMW-31 (40-45)	Soluble	Solid	DI Leach	
880-61361-46	TMW-31 (45-50)	Soluble	Solid	DI Leach	
880-61361-47	TMW-31 (50-55)	Soluble	Solid	DI Leach	
880-61361-48	TMW-31 (55-60)	Soluble	Solid	DI Leach	
880-61361-49	TMW-31 (60-65)	Soluble	Solid	DI Leach	
880-61361-50	TMW-31 (65-70)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

HPLC/IC (Continued)

Leach Batch: 116499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-51	TMW-31 (70-75)	Soluble	Solid	DI Leach	
880-61361-52	TMW-31 (75-80)	Soluble	Solid	DI Leach	
880-61361-53	DUP-6-S	Soluble	Solid	DI Leach	
880-61361-54	TMW-30 (0-5)	Soluble	Solid	DI Leach	
880-61361-55	TMW-30 (5-10)	Soluble	Solid	DI Leach	
880-61361-56	TMW-30 (10-15)	Soluble	Solid	DI Leach	
880-61361-57	TMW-30 (15-20)	Soluble	Solid	DI Leach	
880-61361-58	TMW-30 (20-25)	Soluble	Solid	DI Leach	
880-61361-59	TMW-30 (25-30)	Soluble	Solid	DI Leach	
880-61361-60	TMW-30 (30-35)	Soluble	Solid	DI Leach	
MB 880-116499/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116499/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116499/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61361-41 MS	TMW-31 (20-25)	Soluble	Solid	DI Leach	
880-61361-41 MSD	TMW-31 (20-25)	Soluble	Solid	DI Leach	
880-61361-51 MS	TMW-31 (70-75)	Soluble	Solid	DI Leach	
880-61361-51 MSD	TMW-31 (70-75)	Soluble	Solid	DI Leach	

Leach Batch: 116500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-61	TMW-30 (35-40)	Soluble	Solid	DI Leach	
880-61361-62	TMW-30 (40-45)	Soluble	Solid	DI Leach	
880-61361-63	TMW-30 (45-50)	Soluble	Solid	DI Leach	
880-61361-64	TMW-30 (50-55)	Soluble	Solid	DI Leach	
880-61361-65	TMW-30 (55-60)	Soluble	Solid	DI Leach	
880-61361-66	TMW-30 (60-65)	Soluble	Solid	DI Leach	
880-61361-67	TMW-30 (65-70)	Soluble	Solid	DI Leach	
880-61361-68	TMW-30 (70-75)	Soluble	Solid	DI Leach	
880-61361-69	TMW-30 (75-80)	Soluble	Solid	DI Leach	
880-61361-70	TMW-30 (80-85)	Soluble	Solid	DI Leach	
880-61361-71	TMW-36 (0-5)	Soluble	Solid	DI Leach	
880-61361-72	TMW-36 (5-10)	Soluble	Solid	DI Leach	
880-61361-73	TMW-36 (10-15)	Soluble	Solid	DI Leach	
880-61361-74	TMW-36 (15-20)	Soluble	Solid	DI Leach	
880-61361-75	TMW-36 (20-25)	Soluble	Solid	DI Leach	
880-61361-76	TMW-36 (25-30)	Soluble	Solid	DI Leach	
880-61361-77	TMW-36 (30-35)	Soluble	Solid	DI Leach	
880-61361-78	TMW-36 (35-40)	Soluble	Solid	DI Leach	
880-61361-79	TMW-36 (40-45)	Soluble	Solid	DI Leach	
880-61361-80	TMW-36 (45-50)	Soluble	Solid	DI Leach	
MB 880-116500/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116500/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116500/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61361-61 MS	TMW-30 (35-40)	Soluble	Solid	DI Leach	
880-61361-61 MSD	TMW-30 (35-40)	Soluble	Solid	DI Leach	
880-61361-71 MS	TMW-36 (0-5)	Soluble	Solid	DI Leach	
880-61361-71 MSD	TMW-36 (0-5)	Soluble	Solid	DI Leach	

Leach Batch: 116501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-81	TMW-36 (50-55)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

HPLC/IC (Continued)

Leach Batch: 116501 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-82	SB-2 (40)	Soluble	Solid	DI Leach	
880-61361-83	SB-2 (45)	Soluble	Solid	DI Leach	
880-61361-84	SB-2 (50)	Soluble	Solid	DI Leach	
880-61361-85	SB-2 (0-2.5)	Soluble	Solid	DI Leach	
880-61361-86	DUP-7-S	Soluble	Solid	DI Leach	
880-61361-87	SB-2 (4-4.5)	Soluble	Solid	DI Leach	
880-61361-88	SB-2 (6)	Soluble	Solid	DI Leach	
880-61361-89	SB-2 (8)	Soluble	Solid	DI Leach	
880-61361-90	SB-2 (10)	Soluble	Solid	DI Leach	
880-61361-91	SB-2 (12)	Soluble	Solid	DI Leach	
880-61361-92	SB-2 (15)	Soluble	Solid	DI Leach	
880-61361-93	SB-2 (18)	Soluble	Solid	DI Leach	
880-61361-94	DUP8-S	Soluble	Solid	DI Leach	
880-61361-95	SB-2 (20)	Soluble	Solid	DI Leach	
880-61361-96	SB-2 (25)	Soluble	Solid	DI Leach	
880-61361-97	SB-2 (35)	Soluble	Solid	DI Leach	
880-61361-98	SB-1 (01)	Soluble	Solid	DI Leach	
880-61361-99	SB-1 (50)	Soluble	Solid	DI Leach	
880-61361-100	SB-1 (05)	Soluble	Solid	DI Leach	
MB 880-116501/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116501/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116501/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61361-81 MS	TMW-36 (50-55)	Soluble	Solid	DI Leach	
880-61361-81 MSD	TMW-36 (50-55)	Soluble	Solid	DI Leach	
880-61361-91 MS	SB-2 (12)	Soluble	Solid	DI Leach	
880-61361-91 MSD	SB-2 (12)	Soluble	Solid	DI Leach	

Leach Batch: 116502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-101	SB-1 (10)	Soluble	Solid	DI Leach	
880-61361-102	SB-1 (15)	Soluble	Solid	DI Leach	
880-61361-103	SB-1 (20)	Soluble	Solid	DI Leach	
880-61361-104	SB-1 (25)	Soluble	Solid	DI Leach	
880-61361-105	SB-1 (30)	Soluble	Solid	DI Leach	
880-61361-106	SB-1 (35)	Soluble	Solid	DI Leach	
880-61361-107	SB-1 (40)	Soluble	Solid	DI Leach	
880-61361-108	SB-1 (45)	Soluble	Solid	DI Leach	
880-61361-109	SB-2 (2.5-3)	Soluble	Solid	DI Leach	
880-61361-110	SB-2 (30)	Soluble	Solid	DI Leach	
MB 880-116502/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61361-101 MS	SB-1 (10)	Soluble	Solid	DI Leach	
880-61361-101 MSD	SB-1 (10)	Soluble	Solid	DI Leach	

Analysis Batch: 116523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-1	DUP-5-S	Soluble	Solid	300.0	116497
880-61361-2	TMW-37 (0-5)	Soluble	Solid	300.0	116497
880-61361-3	TMW-37 (5-10)	Soluble	Solid	300.0	116497
880-61361-4	TMW-37 (10-15)	Soluble	Solid	300.0	116497

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

HPLC/IC (Continued)

Analysis Batch: 116523 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-5	TMW-37 (15-20)	Soluble	Solid	300.0	116497
880-61361-6	TMW-37 (20-25)	Soluble	Solid	300.0	116497
880-61361-7	TMW-37 (25-30)	Soluble	Solid	300.0	116497
880-61361-8	TMW-37 (30-35)	Soluble	Solid	300.0	116497
880-61361-9	TMW-37 (35-40)	Soluble	Solid	300.0	116497
880-61361-10	TMW-37 (40-45)	Soluble	Solid	300.0	116497
880-61361-11	TMW-37 (45-50)	Soluble	Solid	300.0	116497
880-61361-12	TMW-37 (50-55)	Soluble	Solid	300.0	116497
880-61361-13	TMW-37 (55-60)	Soluble	Solid	300.0	116497
880-61361-14	TMW-34 (0-5)	Soluble	Solid	300.0	116497
880-61361-15	TMW-34 (5-10)	Soluble	Solid	300.0	116497
880-61361-16	TMW-34 (10-15)	Soluble	Solid	300.0	116497
880-61361-17	TMW-34 (15-20)	Soluble	Solid	300.0	116497
880-61361-18	TMW-34 (20-25)	Soluble	Solid	300.0	116497
880-61361-19	TMW-34 (25-30)	Soluble	Solid	300.0	116497
880-61361-20	TMW-34 (30-35)	Soluble	Solid	300.0	116497
MB 880-116497/1-A	Method Blank	Soluble	Solid	300.0	116497
LCS 880-116497/2-A	Lab Control Sample	Soluble	Solid	300.0	116497
LCSD 880-116497/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116497
880-61361-1 MS	DUP-5-S	Soluble	Solid	300.0	116497
880-61361-1 MSD	DUP-5-S	Soluble	Solid	300.0	116497
880-61361-11 MS	TMW-37 (45-50)	Soluble	Solid	300.0	116497
880-61361-11 MSD	TMW-37 (45-50)	Soluble	Solid	300.0	116497

Analysis Batch: 116581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-21	TMW-34 (35-40)	Soluble	Solid	300.0	116498
880-61361-22	TMW-34 (40-45)	Soluble	Solid	300.0	116498
880-61361-23	TMW-34 (45-50)	Soluble	Solid	300.0	116498
880-61361-24	TMW-34 (50-55)	Soluble	Solid	300.0	116498
880-61361-25	TMW-34 (55-60)	Soluble	Solid	300.0	116498
880-61361-26	TMW-34 (60-65)	Soluble	Solid	300.0	116498
880-61361-27	TMW-34 (65-70)	Soluble	Solid	300.0	116498
880-61361-28	TMW-34 (70-75)	Soluble	Solid	300.0	116498
880-61361-29	TMW-34 (75-80)	Soluble	Solid	300.0	116498
880-61361-30	TMW-34 (80-85)	Soluble	Solid	300.0	116498
880-61361-31	TMW-34 (85-90)	Soluble	Solid	300.0	116498
880-61361-32	TMW-36 (55-60)	Soluble	Solid	300.0	116498
880-61361-33	TMW-36 (60-65)	Soluble	Solid	300.0	116498
880-61361-34	TMW-36 (65-70)	Soluble	Solid	300.0	116498
880-61361-35	TMW-36 (70-75)	Soluble	Solid	300.0	116498
880-61361-36	TMW-36 (75-80)	Soluble	Solid	300.0	116498
880-61361-37	TMW-31 (0-5)	Soluble	Solid	300.0	116498
880-61361-38	TMW-31 (5-10)	Soluble	Solid	300.0	116498
880-61361-39	TMW-31 (10-15)	Soluble	Solid	300.0	116498
880-61361-40	TMW-31 (15-20)	Soluble	Solid	300.0	116498
MB 880-116498/1-A	Method Blank	Soluble	Solid	300.0	116498
LCS 880-116498/2-A	Lab Control Sample	Soluble	Solid	300.0	116498
LCSD 880-116498/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116498
880-61361-21 MS	TMW-34 (35-40)	Soluble	Solid	300.0	116498
880-61361-21 MSD	TMW-34 (35-40)	Soluble	Solid	300.0	116498

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

HPLC/IC (Continued)

Analysis Batch: 116581 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-31 MS	TMW-34 (85-90)	Soluble	Solid	300.0	116498
880-61361-31 MSD	TMW-34 (85-90)	Soluble	Solid	300.0	116498

Analysis Batch: 116601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-81	TMW-36 (50-55)	Soluble	Solid	300.0	116501
880-61361-82	SB-2 (40)	Soluble	Solid	300.0	116501
880-61361-83	SB-2 (45)	Soluble	Solid	300.0	116501
880-61361-84	SB-2 (50)	Soluble	Solid	300.0	116501
880-61361-85	SB-2 (0-2.5)	Soluble	Solid	300.0	116501
880-61361-86	DUP-7-S	Soluble	Solid	300.0	116501
880-61361-87	SB-2 (4-4.5)	Soluble	Solid	300.0	116501
880-61361-88	SB-2 (6)	Soluble	Solid	300.0	116501
880-61361-89	SB-2 (8)	Soluble	Solid	300.0	116501
880-61361-90	SB-2 (10)	Soluble	Solid	300.0	116501
880-61361-91	SB-2 (12)	Soluble	Solid	300.0	116501
880-61361-92	SB-2 (15)	Soluble	Solid	300.0	116501
880-61361-93	SB-2 (18)	Soluble	Solid	300.0	116501
880-61361-94	DUP8-S	Soluble	Solid	300.0	116501
880-61361-95	SB-2 (20)	Soluble	Solid	300.0	116501
880-61361-96	SB-2 (25)	Soluble	Solid	300.0	116501
880-61361-97	SB-2 (35)	Soluble	Solid	300.0	116501
880-61361-98	SB-1 (01)	Soluble	Solid	300.0	116501
880-61361-99	SB-1 (50)	Soluble	Solid	300.0	116501
880-61361-100	SB-1 (05)	Soluble	Solid	300.0	116501
MB 880-116501/1-A	Method Blank	Soluble	Solid	300.0	116501
LCS 880-116501/2-A	Lab Control Sample	Soluble	Solid	300.0	116501
LCSD 880-116501/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116501
880-61361-81 MS	TMW-36 (50-55)	Soluble	Solid	300.0	116501
880-61361-81 MSD	TMW-36 (50-55)	Soluble	Solid	300.0	116501
880-61361-91 MS	SB-2 (12)	Soluble	Solid	300.0	116501
880-61361-91 MSD	SB-2 (12)	Soluble	Solid	300.0	116501

Analysis Batch: 116602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-61	TMW-30 (35-40)	Soluble	Solid	300.0	116500
880-61361-62	TMW-30 (40-45)	Soluble	Solid	300.0	116500
880-61361-63	TMW-30 (45-50)	Soluble	Solid	300.0	116500
880-61361-64	TMW-30 (50-55)	Soluble	Solid	300.0	116500
880-61361-65	TMW-30 (55-60)	Soluble	Solid	300.0	116500
880-61361-66	TMW-30 (60-65)	Soluble	Solid	300.0	116500
880-61361-67	TMW-30 (65-70)	Soluble	Solid	300.0	116500
880-61361-68	TMW-30 (70-75)	Soluble	Solid	300.0	116500
880-61361-69	TMW-30 (75-80)	Soluble	Solid	300.0	116500
880-61361-70	TMW-30 (80-85)	Soluble	Solid	300.0	116500
880-61361-71	TMW-36 (0-5)	Soluble	Solid	300.0	116500
880-61361-72	TMW-36 (5-10)	Soluble	Solid	300.0	116500
880-61361-73	TMW-36 (10-15)	Soluble	Solid	300.0	116500
880-61361-74	TMW-36 (15-20)	Soluble	Solid	300.0	116500
880-61361-75	TMW-36 (20-25)	Soluble	Solid	300.0	116500
880-61361-76	TMW-36 (25-30)	Soluble	Solid	300.0	116500

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

HPLC/IC (Continued)

Analysis Batch: 116602 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-77	TMW-36 (30-35)	Soluble	Solid	300.0	116500
880-61361-78	TMW-36 (35-40)	Soluble	Solid	300.0	116500
880-61361-79	TMW-36 (40-45)	Soluble	Solid	300.0	116500
880-61361-80	TMW-36 (45-50)	Soluble	Solid	300.0	116500
MB 880-116500/1-A	Method Blank	Soluble	Solid	300.0	116500
LCS 880-116500/2-A	Lab Control Sample	Soluble	Solid	300.0	116500
LCSD 880-116500/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116500
880-61361-61 MS	TMW-30 (35-40)	Soluble	Solid	300.0	116500
880-61361-61 MSD	TMW-30 (35-40)	Soluble	Solid	300.0	116500
880-61361-71 MS	TMW-36 (0-5)	Soluble	Solid	300.0	116500
880-61361-71 MSD	TMW-36 (0-5)	Soluble	Solid	300.0	116500

Analysis Batch: 116609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-41	TMW-31 (20-25)	Soluble	Solid	300.0	116499
880-61361-42	TMW-31 (25-30)	Soluble	Solid	300.0	116499
880-61361-43	TMW-31 (30-35)	Soluble	Solid	300.0	116499
880-61361-44	TMW-31 (35-40)	Soluble	Solid	300.0	116499
880-61361-45	TMW-31 (40-45)	Soluble	Solid	300.0	116499
880-61361-46	TMW-31 (45-50)	Soluble	Solid	300.0	116499
880-61361-47	TMW-31 (50-55)	Soluble	Solid	300.0	116499
880-61361-48	TMW-31 (55-60)	Soluble	Solid	300.0	116499
880-61361-49	TMW-31 (60-65)	Soluble	Solid	300.0	116499
880-61361-50	TMW-31 (65-70)	Soluble	Solid	300.0	116499
880-61361-51	TMW-31 (70-75)	Soluble	Solid	300.0	116499
880-61361-52	TMW-31 (75-80)	Soluble	Solid	300.0	116499
880-61361-53	DUP-6-S	Soluble	Solid	300.0	116499
880-61361-54	TMW-30 (0-5)	Soluble	Solid	300.0	116499
880-61361-55	TMW-30 (5-10)	Soluble	Solid	300.0	116499
880-61361-56	TMW-30 (10-15)	Soluble	Solid	300.0	116499
880-61361-57	TMW-30 (15-20)	Soluble	Solid	300.0	116499
880-61361-58	TMW-30 (20-25)	Soluble	Solid	300.0	116499
880-61361-59	TMW-30 (25-30)	Soluble	Solid	300.0	116499
880-61361-60	TMW-30 (30-35)	Soluble	Solid	300.0	116499
MB 880-116499/1-A	Method Blank	Soluble	Solid	300.0	116499
LCS 880-116499/2-A	Lab Control Sample	Soluble	Solid	300.0	116499
LCSD 880-116499/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116499
880-61361-41 MS	TMW-31 (20-25)	Soluble	Solid	300.0	116499
880-61361-41 MSD	TMW-31 (20-25)	Soluble	Solid	300.0	116499
880-61361-51 MS	TMW-31 (70-75)	Soluble	Solid	300.0	116499
880-61361-51 MSD	TMW-31 (70-75)	Soluble	Solid	300.0	116499

Analysis Batch: 116610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-101	SB-1 (10)	Soluble	Solid	300.0	116502
880-61361-102	SB-1 (15)	Soluble	Solid	300.0	116502
880-61361-103	SB-1 (20)	Soluble	Solid	300.0	116502
880-61361-104	SB-1 (25)	Soluble	Solid	300.0	116502
880-61361-105	SB-1 (30)	Soluble	Solid	300.0	116502
880-61361-106	SB-1 (35)	Soluble	Solid	300.0	116502
880-61361-107	SB-1 (40)	Soluble	Solid	300.0	116502

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

HPLC/IC (Continued)

Analysis Batch: 116610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61361-108	SB-1 (45)	Soluble	Solid	300.0	116502
880-61361-109	SB-2 (2.5-3)	Soluble	Solid	300.0	116502
880-61361-110	SB-2 (30)	Soluble	Solid	300.0	116502
MB 880-116502/1-A	Method Blank	Soluble	Solid	300.0	116502
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	300.0	116502
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116502
880-61361-101 MS	SB-1 (10)	Soluble	Solid	300.0	116502
880-61361-101 MSD	SB-1 (10)	Soluble	Solid	300.0	116502

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: DUP-5-S
Date Collected: 08/09/25 08:28
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	255609	08/16/25 15:28	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/16/25 15:28	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 00:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 00:28	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 08:05	CS	EET MID

Client Sample ID: TMW-37 (0-5)
Date Collected: 08/09/25 08:30
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 20:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 20:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 01:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 01:29	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 08:28	CS	EET MID

Client Sample ID: TMW-37 (5-10)
Date Collected: 08/09/25 08:32
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 20:44	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 20:44	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 01:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 01:49	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 08:36	CS	EET MID

Client Sample ID: TMW-37 (10-15)
Date Collected: 08/09/25 08:34
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255076	08/14/25 18:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 18:12	RJT	EET HOU

Eurofins Midland

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (10-15)
Date Collected: 08/09/25 08:34
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/17/25 02:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 02:09	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 08:43	CS	EET MID

Client Sample ID: TMW-37 (15-20)
Date Collected: 08/09/25 08:36
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 19:58	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 19:58	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 02:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 02:30	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 08:51	CS	EET MID

Client Sample ID: TMW-37 (20-25)
Date Collected: 08/09/25 08:38
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 21:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 21:06	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 02:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 02:51	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 09:14	CS	EET MID

Client Sample ID: TMW-37 (25-30)
Date Collected: 08/09/25 08:40
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 19:35	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 19:35	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 03:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 03:11	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (25-30)
Date Collected: 08/09/25 08:40
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 09:21	CS	EET MID

Client Sample ID: TMW-37 (30-35)
Date Collected: 08/09/25 08:42
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 19:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 19:13	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 03:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 03:32	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 09:29	CS	EET MID

Client Sample ID: TMW-37 (35-40)
Date Collected: 08/09/25 08:44
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.0 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255609	08/16/25 13:57	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/16/25 13:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 03:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 03:52	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 12:01	CS	EET MID

Client Sample ID: TMW-37 (40-45)
Date Collected: 08/09/25 08:46
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255609	08/16/25 14:20	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/16/25 14:20	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116506	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/17/25 04:13	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 12:08	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-37 (45-50)

Lab Sample ID: 880-61361-11
Matrix: Solid
Date Collected: 08/09/25 08:48
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 13:55	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 13:55	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 18:44	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 12:16	CS	EET MID

Client Sample ID: TMW-37 (50-55)

Lab Sample ID: 880-61361-12
Matrix: Solid
Date Collected: 08/09/25 08:50
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 14:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 14:18	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 18:59	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 12:39	CS	EET MID

Client Sample ID: TMW-37 (55-60)

Lab Sample ID: 880-61361-13
Matrix: Solid
Date Collected: 08/09/25 08:52
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 14:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 14:40	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 19:14	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 12:46	CS	EET MID

Client Sample ID: TMW-34 (0-5)

Lab Sample ID: 880-61361-14
Matrix: Solid
Date Collected: 08/10/25 11:15
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 15:03	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 15:03	RJT	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (0-5)

Lab Sample ID: 880-61361-14
Matrix: Solid
Date Collected: 08/10/25 11:15
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 19:29	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 13:09	CS	EET MID

Client Sample ID: TMW-34 (5-10)

Lab Sample ID: 880-61361-15
Matrix: Solid
Date Collected: 08/10/25 11:17
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 17:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 17:45	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 19:44	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 13:16	CS	EET MID

Client Sample ID: TMW-34 (10-15)

Lab Sample ID: 880-61361-16
Matrix: Solid
Date Collected: 08/10/25 11:19
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 17:20	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 17:20	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 20:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 20:00	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 13:24	CS	EET MID

Client Sample ID: TMW-34 (15-20)

Lab Sample ID: 880-61361-17
Matrix: Solid
Date Collected: 08/10/25 11:21
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 18:35	MTMG	EET HOU
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/14/25 17:12	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255076	08/14/25 20:17	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 18:35	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 20:14	SA	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (15-20)

Lab Sample ID: 880-61361-17
Matrix: Solid
Date Collected: 08/10/25 11:21
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116866	08/17/25 17:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116927	08/18/25 20:14	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 13:32	CS	EET MID

Client Sample ID: TMW-34 (20-25)

Lab Sample ID: 880-61361-18
Matrix: Solid
Date Collected: 08/10/25 11:23
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 18:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 18:10	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 12:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117009	08/19/25 06:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 12:13	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 13:39	CS	EET MID

Client Sample ID: TMW-34 (25-30)

Lab Sample ID: 880-61361-19
Matrix: Solid
Date Collected: 08/10/25 11:25
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 15:26	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 15:26	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 12:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117009	08/19/25 06:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 12:28	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 13:47	CS	EET MID

Client Sample ID: TMW-34 (30-35)

Lab Sample ID: 880-61361-20
Matrix: Solid
Date Collected: 08/10/25 11:27
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 15:49	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 15:49	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 12:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117009	08/19/25 06:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117021	08/19/25 12:43	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (30-35)
Date Collected: 08/10/25 11:27
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	116497	08/12/25 12:15	SA	EET MID
Soluble	Analysis	300.0		1			116523	08/14/25 13:54	CS	EET MID

Client Sample ID: TMW-34 (35-40)
Date Collected: 08/10/25 11:30
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 16:11	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 16:11	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 06:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 06:53	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 13:57	CS	EET MID

Client Sample ID: TMW-34 (40-45)
Date Collected: 08/10/25 11:32
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 16:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 16:34	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 07:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 07:39	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 14:19	CS	EET MID

Client Sample ID: TMW-34 (45-50)
Date Collected: 08/10/25 11:34
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 16:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 16:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 07:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 07:54	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 14:26	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (50-55)
Date Collected: 08/10/25 11:36
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255329	08/15/25 17:20	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 17:20	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 08:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 08:09	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 14:34	CS	EET MID

Client Sample ID: TMW-34 (55-60)
Date Collected: 08/10/25 11:38
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/13/25 23:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 23:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 08:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 08:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 14:41	CS	EET MID

Client Sample ID: TMW-34 (60-65)
Date Collected: 08/10/25 11:40
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/13/25 23:01	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 23:01	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 08:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 08:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 15:03	CS	EET MID

Client Sample ID: TMW-34 (65-70)
Date Collected: 08/10/25 11:42
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 00:04	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 00:04	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (65-70)
Date Collected: 08/10/25 11:42
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/17/25 08:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 08:54	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 15:10	CS	EET MID

Client Sample ID: TMW-34 (70-75)
Date Collected: 08/10/25 11:44
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/13/25 23:43	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 23:43	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 09:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 09:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 15:18	CS	EET MID

Client Sample ID: TMW-34 (75-80)
Date Collected: 08/10/25 11:46
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 00:46	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 00:46	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 09:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 09:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 15:25	CS	EET MID

Client Sample ID: TMW-34 (80-85)
Date Collected: 08/10/25 11:50
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 00:25	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 00:25	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 09:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 09:38	TKC	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-34 (80-85)
Date Collected: 08/10/25 11:50
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 15:32	CS	EET MID

Client Sample ID: TMW-34 (85-90)
Date Collected: 08/10/25 11:54
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 16:20	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 16:20	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 10:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 10:08	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 15:39	CS	EET MID

Client Sample ID: TMW-36 (55-60)
Date Collected: 08/10/25 16:55
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 17:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 17:51	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 10:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 10:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 16:01	CS	EET MID

Client Sample ID: TMW-36 (60-65)
Date Collected: 08/10/25 16:57
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 19:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 19:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 10:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 10:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 16:09	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (65-70)

Lab Sample ID: 880-61361-34
Matrix: Solid
Date Collected: 08/10/25 16:59
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/13/25 21:58	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 21:58	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 10:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 10:54	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 16:31	CS	EET MID

Client Sample ID: TMW-36 (70-75)

Lab Sample ID: 880-61361-35
Matrix: Solid
Date Collected: 08/10/25 17:01
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 18:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 18:37	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 11:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 11:08	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 16:38	CS	EET MID

Client Sample ID: TMW-36 (75-80)

Lab Sample ID: 880-61361-36
Matrix: Solid
Date Collected: 08/10/25 17:03
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/13/25 22:19	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 22:19	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 11:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 11:23	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	118687	09/11/25 11:11	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	118702	09/11/25 17:08	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 16:45	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (0-5)
Date Collected: 08/10/25 14:35
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 01:28	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:28	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 11:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 11:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 16:53	CS	EET MID

Client Sample ID: TMW-31 (5-10)
Date Collected: 08/10/25 14:37
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 01:07	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:07	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 11:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 11:54	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 17:00	CS	EET MID

Client Sample ID: TMW-31 (10-15)
Date Collected: 08/10/25 14:38
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255609	08/16/25 16:13	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/16/25 16:13	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/17/25 12:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 12:09	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 17:07	CS	EET MID

Client Sample ID: TMW-31 (15-20)
Date Collected: 08/10/25 14:39
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/13/25 23:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 23:10	RJT	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (15-20)
Date Collected: 08/10/25 14:39
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/17/25 12:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116507	08/12/25 12:58	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116852	08/17/25 12:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116498	08/12/25 12:17	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116581	08/13/25 17:14	CS	EET MID

Client Sample ID: TMW-31 (20-25)
Date Collected: 08/10/25 14:41
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-41
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/13/25 23:32	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 23:32	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 02:47	CS	EET MID

Client Sample ID: TMW-31 (25-30)
Date Collected: 08/10/25 14:43
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/13/25 23:55	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 23:55	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 15:11	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 03:09	CS	EET MID

Client Sample ID: TMW-31 (30-35)
Date Collected: 08/10/25 14:45
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 00:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 00:18	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 15:25	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (30-35)
Date Collected: 08/10/25 14:45
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-43
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 03:16	CS	EET MID

Client Sample ID: TMW-31 (35-40)
Date Collected: 08/10/25 14:47
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 00:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 00:40	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 15:40	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 03:23	CS	EET MID

Client Sample ID: TMW-31 (40-45)
Date Collected: 08/10/25 14:49
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 01:03	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:03	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 15:54	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 03:31	CS	EET MID

Client Sample ID: TMW-31 (45-50)
Date Collected: 08/10/25 14:51
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 01:26	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:26	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 16:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 16:20	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 03:53	CS	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (50-55)

Lab Sample ID: 880-61361-47
Matrix: Solid
Date Collected: 08/10/25 14:53
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 01:49	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:49	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 16:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 16:35	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 04:00	CS	EET MID

Client Sample ID: TMW-31 (55-60)

Lab Sample ID: 880-61361-48
Matrix: Solid
Date Collected: 08/10/25 14:55
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 02:11	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:11	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 16:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 16:49	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 04:07	CS	EET MID

Client Sample ID: TMW-31 (60-65)

Lab Sample ID: 880-61361-49
Matrix: Solid
Date Collected: 08/10/25 14:57
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 02:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:34	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 17:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 17:03	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 04:14	CS	EET MID

Client Sample ID: TMW-31 (65-70)

Lab Sample ID: 880-61361-50
Matrix: Solid
Date Collected: 08/10/25 14:59
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 02:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:57	RJT	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-31 (65-70)

Lab Sample ID: 880-61361-50
Matrix: Solid
Date Collected: 08/10/25 14:59
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/18/25 17:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 17:18	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 04:22	CS	EET MID

Client Sample ID: TMW-31 (70-75)

Lab Sample ID: 880-61361-51
Matrix: Solid
Date Collected: 08/10/25 15:01
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 03:20	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 03:20	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 18:12	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 04:29	CS	EET MID

Client Sample ID: TMW-31 (75-80)

Lab Sample ID: 880-61361-52
Matrix: Solid
Date Collected: 08/10/25 15:03
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.06 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 03:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 03:42	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 18:26	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 04:51	CS	EET MID

Client Sample ID: DUP-6-S

Lab Sample ID: 880-61361-53
Matrix: Solid
Date Collected: 08/10/25 00:00
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 04:05	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:05	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 18:41	TKC	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: DUP-6-S
Date Collected: 08/10/25 00:00
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-53
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 04:58	CS	EET MID

Client Sample ID: TMW-30 (0-5)
Date Collected: 08/10/25 08:10
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254995	08/14/25 04:28	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:28	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 18:55	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 05:20	CS	EET MID

Client Sample ID: TMW-30 (5-10)
Date Collected: 08/10/25 08:12
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-55
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255082	08/14/25 21:29	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 21:29	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 19:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 05:28	CS	EET MID

Client Sample ID: TMW-30 (10-15)
Date Collected: 08/10/25 08:15
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-56
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255076	08/14/25 19:02	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 19:02	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 19:24	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 05:35	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (15-20)

Lab Sample ID: 880-61361-57
Matrix: Solid
Date Collected: 08/10/25 08:17
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255000	08/14/25 04:48	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:48	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 19:38	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 05:42	CS	EET MID

Client Sample ID: TMW-30 (20-25)

Lab Sample ID: 880-61361-58
Matrix: Solid
Date Collected: 08/10/25 08:20
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255000	08/14/25 04:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:24	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 19:53	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 05:49	CS	EET MID

Client Sample ID: TMW-30 (25-30)

Lab Sample ID: 880-61361-59
Matrix: Solid
Date Collected: 08/10/25 08:22
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255076	08/14/25 18:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 18:37	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 20:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 20:07	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 05:57	CS	EET MID

Client Sample ID: TMW-30 (30-35)

Lab Sample ID: 880-61361-60
Matrix: Solid
Date Collected: 08/10/25 08:25
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/14/25 17:12	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255076	08/14/25 19:27	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 19:27	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (30-35)

Lab Sample ID: 880-61361-60
Matrix: Solid
Date Collected: 08/10/25 08:25
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/18/25 20:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116508	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116959	08/18/25 20:21	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116499	08/12/25 12:19	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116609	08/14/25 06:04	CS	EET MID

Client Sample ID: TMW-30 (35-40)

Lab Sample ID: 880-61361-61
Matrix: Solid
Date Collected: 08/10/25 08:27
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 04:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:51	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 14:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 14:28	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 18:15	CS	EET MID

Client Sample ID: TMW-30 (40-45)

Lab Sample ID: 880-61361-62
Matrix: Solid
Date Collected: 08/10/25 08:30
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 05:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 05:13	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 15:11	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 18:37	CS	EET MID

Client Sample ID: TMW-30 (45-50)

Lab Sample ID: 880-61361-63
Matrix: Solid
Date Collected: 08/10/25 08:32
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/14/25 17:12	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/14/25 23:55	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 23:55	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 15:25	TKC	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (45-50)
Date Collected: 08/10/25 08:32
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 18:44	CS	EET MID

Client Sample ID: TMW-30 (50-55)
Date Collected: 08/10/25 08:34
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 01:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 01:06	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 15:40	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 18:51	CS	EET MID

Client Sample ID: TMW-30 (55-60)
Date Collected: 08/10/25 08:36
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-65
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 01:30	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 01:30	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 15:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 15:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 18:59	CS	EET MID

Client Sample ID: TMW-30 (60-65)
Date Collected: 08/10/25 08:38
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 01:54	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 01:54	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 16:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 16:20	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 19:20	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (65-70)

Lab Sample ID: 880-61361-67
Matrix: Solid
Date Collected: 08/10/25 08:40
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/14/25 17:12	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 00:19	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 00:19	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 16:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 16:35	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 19:28	CS	EET MID

Client Sample ID: TMW-30 (70-75)

Lab Sample ID: 880-61361-68
Matrix: Solid
Date Collected: 08/10/25 08:42
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/14/25 17:12	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255609	08/16/25 14:42	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/16/25 14:42	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 16:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 16:49	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 19:35	CS	EET MID

Client Sample ID: TMW-30 (75-80)

Lab Sample ID: 880-61361-69
Matrix: Solid
Date Collected: 08/10/25 08:44
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 02:52	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:52	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 17:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 17:03	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 19:42	CS	EET MID

Client Sample ID: TMW-30 (80-85)

Lab Sample ID: 880-61361-70
Matrix: Solid
Date Collected: 08/10/25 08:46
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 01:49	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:49	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-30 (80-85)

Lab Sample ID: 880-61361-70
Matrix: Solid
Date Collected: 08/10/25 08:46
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/18/25 17:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 17:18	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 19:50	CS	EET MID

Client Sample ID: TMW-36 (0-5)

Lab Sample ID: 880-61361-71
Matrix: Solid
Date Collected: 08/11/25 16:33
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 02:31	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:31	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 18:12	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 19:57	CS	EET MID

Client Sample ID: TMW-36 (5-10)

Lab Sample ID: 880-61361-72
Matrix: Solid
Date Collected: 08/11/25 16:35
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 02:10	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:10	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 18:26	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 20:19	CS	EET MID

Client Sample ID: TMW-36 (10-15)

Lab Sample ID: 880-61361-73
Matrix: Solid
Date Collected: 08/11/25 16:37
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 03:34	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 03:34	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 18:41	TKC	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (10-15)
Date Collected: 08/11/25 16:37
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-73
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 20:26	CS	EET MID

Client Sample ID: TMW-36 (15-20)
Date Collected: 08/11/25 16:39
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-74
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 03:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 03:13	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 18:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 18:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 20:48	CS	EET MID

Client Sample ID: TMW-36 (20-25)
Date Collected: 08/11/25 16:41
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-75
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.06 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 18:14	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 18:14	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 19:09	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 20:56	CS	EET MID

Client Sample ID: TMW-36 (25-30)
Date Collected: 08/11/25 16:43
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/13/25 22:40	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 22:40	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 19:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 21:03	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (30-35)
Date Collected: 08/11/25 16:45
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-77
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 17:29	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 17:29	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 19:38	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 21:10	CS	EET MID

Client Sample ID: TMW-36 (35-40)
Date Collected: 08/11/25 16:47
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-78
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 15:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 15:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 19:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 19:53	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 21:18	CS	EET MID

Client Sample ID: TMW-36 (40-45)
Date Collected: 08/11/25 16:49
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-79
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 16:43	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 16:43	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/18/25 20:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 20:07	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 21:25	CS	EET MID

Client Sample ID: TMW-36 (45-50)
Date Collected: 08/11/25 16:51
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-80
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 17:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 17:06	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: TMW-36 (45-50)

Lab Sample ID: 880-61361-80
Matrix: Solid
Date Collected: 08/11/25 16:51
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/18/25 20:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116509	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116921	08/18/25 20:21	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116500	08/12/25 12:21	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	116602	08/13/25 21:32	CS	EET MID

Client Sample ID: TMW-36 (50-55)

Lab Sample ID: 880-61361-81
Matrix: Solid
Date Collected: 08/11/25 16:53
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 19:50	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 19:50	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 17:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 17:13	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 19:04	CS	EET MID

Client Sample ID: SB-2 (40)

Lab Sample ID: 880-61361-82
Matrix: Solid
Date Collected: 08/11/25 16:00
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.93 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 19:25	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 19:25	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 17:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 17:57	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 19:21	CS	EET MID

Client Sample ID: SB-2 (45)

Lab Sample ID: 880-61361-83
Matrix: Solid
Date Collected: 08/11/25 16:10
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.07 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254795	08/13/25 15:35	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 15:35	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 18:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 18:11	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (45)
Date Collected: 08/11/25 16:10
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-83
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 19:26	CS	EET MID

Client Sample ID: SB-2 (50)
Date Collected: 08/11/25 16:25
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-84
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 19:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/13/25 19:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 18:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 18:26	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 19:32	CS	EET MID

Client Sample ID: SB-2 (0-2.5)
Date Collected: 08/11/25 14:20
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-85
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/14/25 17:12	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255076	08/14/25 19:52	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 19:52	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/21/25 00:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117130	08/20/25 10:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117136	08/21/25 00:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 19:38	CS	EET MID

Client Sample ID: DUP-7-S
Date Collected: 08/11/25 00:00
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-86
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 05:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 05:36	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 18:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 18:55	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 19:55	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (4-4.5)

Lab Sample ID: 880-61361-87
Matrix: Solid
Date Collected: 08/11/25 14:35
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	255000	08/14/25 03:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 03:12	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 19:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 19:10	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 20:00	CS	EET MID

Client Sample ID: SB-2 (6)

Lab Sample ID: 880-61361-88
Matrix: Solid
Date Collected: 08/11/25 14:45
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254995	08/14/25 05:59	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 05:59	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 19:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 19:25	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 20:06	CS	EET MID

Client Sample ID: SB-2 (8)

Lab Sample ID: 880-61361-89
Matrix: Solid
Date Collected: 08/11/25 14:50
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254995	08/14/25 06:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 06:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 19:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 19:39	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 20:12	CS	EET MID

Client Sample ID: SB-2 (10)

Lab Sample ID: 880-61361-90
Matrix: Solid
Date Collected: 08/11/25 14:55
Date Received: 08/12/25 10:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255000	08/14/25 01:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:37	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (10)
Date Collected: 08/11/25 14:55
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-90
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/19/25 19:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 19:54	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 20:17	CS	EET MID

Client Sample ID: SB-2 (12)
Date Collected: 08/11/25 15:00
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-91
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 03:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 03:06	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 20:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 20:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 20:23	CS	EET MID

Client Sample ID: SB-2 (15)
Date Collected: 08/11/25 15:05
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-92
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 03:30	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 03:30	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 20:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 20:38	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 20:40	CS	EET MID

Client Sample ID: SB-2 (18)
Date Collected: 08/11/25 15:10
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-93
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 02:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 02:18	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 20:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 20:52	TKC	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (18)
Date Collected: 08/11/25 15:10
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-93
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 20:46	CS	EET MID

Client Sample ID: DUP8-S
Date Collected: 08/11/25 00:00
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-94
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 02:42	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 02:42	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 21:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 21:08	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 21:03	CS	EET MID

Client Sample ID: SB-2 (20)
Date Collected: 08/11/25 15:15
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-95
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255609	08/16/25 15:50	A1S	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/16/25 15:50	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 21:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 21:22	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 21:08	CS	EET MID

Client Sample ID: SB-2 (25)
Date Collected: 08/11/25 15:30
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-96
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255256	08/15/25 03:54	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/15/25 03:54	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 21:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 21:38	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 21:14	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (35)
Date Collected: 08/11/25 15:50
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-97
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 04:16	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:16	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 21:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 21:52	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 21:20	CS	EET MID

Client Sample ID: SB-1 (01)
Date Collected: 08/11/25 10:33
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-98
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254980	08/14/25 00:51	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 00:51	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 22:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		5			116601	08/13/25 21:25	CS	EET MID

Client Sample ID: SB-1 (50)
Date Collected: 08/11/25 10:00
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-99
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 03:55	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 03:55	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 22:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 22:21	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 21:31	CS	EET MID

Client Sample ID: SB-1 (05)
Date Collected: 08/11/25 10:45
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-100
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254976	08/14/25 04:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:37	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (05)

Date Collected: 08/11/25 10:45
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-100
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/19/25 22:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116510	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 22:35	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116501	08/12/25 12:23	SA	EET MID
Soluble	Analysis	300.0		1			116601	08/13/25 21:37	CS	EET MID

Client Sample ID: SB-1 (10)

Date Collected: 08/11/25 10:50
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-101
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254980	08/14/25 01:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:41	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 09:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/19/25 09:47	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		5			116610	08/14/25 19:30	CS	EET MID

Client Sample ID: SB-1 (15)

Date Collected: 08/11/25 10:55
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-102
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254932	08/13/25 14:21	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254980	08/14/25 01:16	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 01:16	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 09:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/19/25 09:01	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		5			116610	08/14/25 19:52	CS	EET MID

Client Sample ID: SB-1 (20)

Date Collected: 08/11/25 11:05
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-103
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254980	08/14/25 02:06	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:06	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 10:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117019	08/19/25 10:03	TKC	EET MID

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (20)
Date Collected: 08/11/25 11:05
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-103
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 20:00	CS	EET MID

Client Sample ID: SB-1 (25)
Date Collected: 08/11/25 11:15
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-104
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255759	08/18/25 12:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/18/25 12:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 10:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/19/25 10:18	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 20:07	CS	EET MID

Client Sample ID: SB-1 (30)
Date Collected: 08/11/25 11:25
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-105
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254980	08/14/25 02:31	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:31	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 10:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/19/25 10:34	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 20:15	CS	EET MID

Client Sample ID: SB-1 (35)
Date Collected: 08/11/25 11:35
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-106
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254980	08/14/25 02:56	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:56	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 10:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/19/25 10:50	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 20:38	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-1 (40)
Date Collected: 08/11/25 11:45
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-107
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255000	08/14/25 04:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 04:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 11:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/19/25 11:06	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 20:45	CS	EET MID

Client Sample ID: SB-1 (45)
Date Collected: 08/11/25 11:55
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-108
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255000	08/14/25 03:36	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 03:36	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/19/25 11:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116511	08/12/25 12:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117014	08/19/25 11:22	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 20:53	CS	EET MID

Client Sample ID: SB-2 (2.5-3)
Date Collected: 08/11/25 14:25
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-109
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	255000	08/14/25 02:00	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:00	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116902	08/16/25 22:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 22:23	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 21:01	CS	EET MID

Client Sample ID: SB-2 (30)
Date Collected: 08/11/25 15:40
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-110
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254932	08/13/25 14:50	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	255000	08/14/25 02:24	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			255238	08/14/25 02:24	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Client Sample ID: SB-2 (30)
Date Collected: 08/11/25 15:40
Date Received: 08/12/25 10:15

Lab Sample ID: 880-61361-110
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116902	08/16/25 22:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116431	08/12/25 08:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116849	08/16/25 22:44	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		5			116610	08/15/25 09:33	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 880-61361-1
Project/Site: EBDU 37

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	08-25-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61361-1	DUP-5-S	Solid	08/09/25 08:28	08/12/25 10:15	Texas
880-61361-2	TMW-37 (0-5)	Solid	08/09/25 08:30	08/12/25 10:15	Texas
880-61361-3	TMW-37 (5-10)	Solid	08/09/25 08:32	08/12/25 10:15	Texas
880-61361-4	TMW-37 (10-15)	Solid	08/09/25 08:34	08/12/25 10:15	Texas
880-61361-5	TMW-37 (15-20)	Solid	08/09/25 08:36	08/12/25 10:15	Texas
880-61361-6	TMW-37 (20-25)	Solid	08/09/25 08:38	08/12/25 10:15	Texas
880-61361-7	TMW-37 (25-30)	Solid	08/09/25 08:40	08/12/25 10:15	Texas
880-61361-8	TMW-37 (30-35)	Solid	08/09/25 08:42	08/12/25 10:15	Texas
880-61361-9	TMW-37 (35-40)	Solid	08/09/25 08:44	08/12/25 10:15	Texas
880-61361-10	TMW-37 (40-45)	Solid	08/09/25 08:46	08/12/25 10:15	Texas
880-61361-11	TMW-37 (45-50)	Solid	08/09/25 08:48	08/12/25 10:15	Texas
880-61361-12	TMW-37 (50-55)	Solid	08/09/25 08:50	08/12/25 10:15	Texas
880-61361-13	TMW-37 (55-60)	Solid	08/09/25 08:52	08/12/25 10:15	Texas
880-61361-14	TMW-34 (0-5)	Solid	08/10/25 11:15	08/12/25 10:15	Texas
880-61361-15	TMW-34 (5-10)	Solid	08/10/25 11:17	08/12/25 10:15	Texas
880-61361-16	TMW-34 (10-15)	Solid	08/10/25 11:19	08/12/25 10:15	Texas
880-61361-17	TMW-34 (15-20)	Solid	08/10/25 11:21	08/12/25 10:15	Texas
880-61361-18	TMW-34 (20-25)	Solid	08/10/25 11:23	08/12/25 10:15	Texas
880-61361-19	TMW-34 (25-30)	Solid	08/10/25 11:25	08/12/25 10:15	Texas
880-61361-20	TMW-34 (30-35)	Solid	08/10/25 11:27	08/12/25 10:15	Texas
880-61361-21	TMW-34 (35-40)	Solid	08/10/25 11:30	08/12/25 10:15	Texas
880-61361-22	TMW-34 (40-45)	Solid	08/10/25 11:32	08/12/25 10:15	Texas
880-61361-23	TMW-34 (45-50)	Solid	08/10/25 11:34	08/12/25 10:15	Texas
880-61361-24	TMW-34 (50-55)	Solid	08/10/25 11:36	08/12/25 10:15	Texas
880-61361-25	TMW-34 (55-60)	Solid	08/10/25 11:38	08/12/25 10:15	Texas
880-61361-26	TMW-34 (60-65)	Solid	08/10/25 11:40	08/12/25 10:15	Texas
880-61361-27	TMW-34 (65-70)	Solid	08/10/25 11:42	08/12/25 10:15	Texas
880-61361-28	TMW-34 (70-75)	Solid	08/10/25 11:44	08/12/25 10:15	Texas
880-61361-29	TMW-34 (75-80)	Solid	08/10/25 11:46	08/12/25 10:15	Texas
880-61361-30	TMW-34 (80-85)	Solid	08/10/25 11:50	08/12/25 10:15	Texas
880-61361-31	TMW-34 (85-90)	Solid	08/10/25 11:54	08/12/25 10:15	Texas
880-61361-32	TMW-36 (55-60)	Solid	08/10/25 16:55	08/12/25 10:15	Texas
880-61361-33	TMW-36 (60-65)	Solid	08/10/25 16:57	08/12/25 10:15	Texas
880-61361-34	TMW-36 (65-70)	Solid	08/10/25 16:59	08/12/25 10:15	Texas
880-61361-35	TMW-36 (70-75)	Solid	08/10/25 17:01	08/12/25 10:15	Texas
880-61361-36	TMW-36 (75-80)	Solid	08/10/25 17:03	08/12/25 10:15	Texas
880-61361-37	TMW-31 (0-5)	Solid	08/10/25 14:35	08/12/25 10:15	Texas
880-61361-38	TMW-31 (5-10)	Solid	08/10/25 14:37	08/12/25 10:15	Texas
880-61361-39	TMW-31 (10-15)	Solid	08/10/25 14:38	08/12/25 10:15	Texas
880-61361-40	TMW-31 (15-20)	Solid	08/10/25 14:39	08/12/25 10:15	Texas
880-61361-41	TMW-31 (20-25)	Solid	08/10/25 14:41	08/12/25 10:15	Texas
880-61361-42	TMW-31 (25-30)	Solid	08/10/25 14:43	08/12/25 10:15	Texas
880-61361-43	TMW-31 (30-35)	Solid	08/10/25 14:45	08/12/25 10:15	Texas
880-61361-44	TMW-31 (35-40)	Solid	08/10/25 14:47	08/12/25 10:15	Texas
880-61361-45	TMW-31 (40-45)	Solid	08/10/25 14:49	08/12/25 10:15	Texas
880-61361-46	TMW-31 (45-50)	Solid	08/10/25 14:51	08/12/25 10:15	Texas
880-61361-47	TMW-31 (50-55)	Solid	08/10/25 14:53	08/12/25 10:15	Texas
880-61361-48	TMW-31 (55-60)	Solid	08/10/25 14:55	08/12/25 10:15	Texas
880-61361-49	TMW-31 (60-65)	Solid	08/10/25 14:57	08/12/25 10:15	Texas
880-61361-50	TMW-31 (65-70)	Solid	08/10/25 14:59	08/12/25 10:15	Texas
880-61361-51	TMW-31 (70-75)	Solid	08/10/25 15:01	08/12/25 10:15	Texas
880-61361-52	TMW-31 (75-80)	Solid	08/10/25 15:03	08/12/25 10:15	Texas
880-61361-53	DUP-6-S	Solid	08/10/25 00:00	08/12/25 10:15	Texas

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61361-54	TMW-30 (0-5)	Solid	08/10/25 08:10	08/12/25 10:15	Texas
880-61361-55	TMW-30 (5-10)	Solid	08/10/25 08:12	08/12/25 10:15	Texas
880-61361-56	TMW-30 (10-15)	Solid	08/10/25 08:15	08/12/25 10:15	Texas
880-61361-57	TMW-30 (15-20)	Solid	08/10/25 08:17	08/12/25 10:15	Texas
880-61361-58	TMW-30 (20-25)	Solid	08/10/25 08:20	08/12/25 10:15	Texas
880-61361-59	TMW-30 (25-30)	Solid	08/10/25 08:22	08/12/25 10:15	Texas
880-61361-60	TMW-30 (30-35)	Solid	08/10/25 08:25	08/12/25 10:15	Texas
880-61361-61	TMW-30 (35-40)	Solid	08/10/25 08:27	08/12/25 10:15	Texas
880-61361-62	TMW-30 (40-45)	Solid	08/10/25 08:30	08/12/25 10:15	Texas
880-61361-63	TMW-30 (45-50)	Solid	08/10/25 08:32	08/12/25 10:15	Texas
880-61361-64	TMW-30 (50-55)	Solid	08/10/25 08:34	08/12/25 10:15	Texas
880-61361-65	TMW-30 (55-60)	Solid	08/10/25 08:36	08/12/25 10:15	Texas
880-61361-66	TMW-30 (60-65)	Solid	08/10/25 08:38	08/12/25 10:15	Texas
880-61361-67	TMW-30 (65-70)	Solid	08/10/25 08:40	08/12/25 10:15	Texas
880-61361-68	TMW-30 (70-75)	Solid	08/10/25 08:42	08/12/25 10:15	Texas
880-61361-69	TMW-30 (75-80)	Solid	08/10/25 08:44	08/12/25 10:15	Texas
880-61361-70	TMW-30 (80-85)	Solid	08/10/25 08:46	08/12/25 10:15	Texas
880-61361-71	TMW-36 (0-5)	Solid	08/11/25 16:33	08/12/25 10:15	Texas
880-61361-72	TMW-36 (5-10)	Solid	08/11/25 16:35	08/12/25 10:15	Texas
880-61361-73	TMW-36 (10-15)	Solid	08/11/25 16:37	08/12/25 10:15	Texas
880-61361-74	TMW-36 (15-20)	Solid	08/11/25 16:39	08/12/25 10:15	Texas
880-61361-75	TMW-36 (20-25)	Solid	08/11/25 16:41	08/12/25 10:15	Texas
880-61361-76	TMW-36 (25-30)	Solid	08/11/25 16:43	08/12/25 10:15	Texas
880-61361-77	TMW-36 (30-35)	Solid	08/11/25 16:45	08/12/25 10:15	Texas
880-61361-78	TMW-36 (35-40)	Solid	08/11/25 16:47	08/12/25 10:15	Texas
880-61361-79	TMW-36 (40-45)	Solid	08/11/25 16:49	08/12/25 10:15	Texas
880-61361-80	TMW-36 (45-50)	Solid	08/11/25 16:51	08/12/25 10:15	Texas
880-61361-81	TMW-36 (50-55)	Solid	08/11/25 16:53	08/12/25 10:15	Texas
880-61361-82	SB-2 (40)	Solid	08/11/25 16:00	08/12/25 10:15	Texas
880-61361-83	SB-2 (45)	Solid	08/11/25 16:10	08/12/25 10:15	Texas
880-61361-84	SB-2 (50)	Solid	08/11/25 16:25	08/12/25 10:15	Texas
880-61361-85	SB-2 (0-2.5)	Solid	08/11/25 14:20	08/12/25 10:15	Texas
880-61361-86	DUP-7-S	Solid	08/11/25 00:00	08/12/25 10:15	Texas
880-61361-87	SB-2 (4-4.5)	Solid	08/11/25 14:35	08/12/25 10:15	Texas
880-61361-88	SB-2 (6)	Solid	08/11/25 14:45	08/12/25 10:15	Texas
880-61361-89	SB-2 (8)	Solid	08/11/25 14:50	08/12/25 10:15	Texas
880-61361-90	SB-2 (10)	Solid	08/11/25 14:55	08/12/25 10:15	Texas
880-61361-91	SB-2 (12)	Solid	08/11/25 15:00	08/12/25 10:15	Texas
880-61361-92	SB-2 (15)	Solid	08/11/25 15:05	08/12/25 10:15	Texas
880-61361-93	SB-2 (18)	Solid	08/11/25 15:10	08/12/25 10:15	Texas
880-61361-94	DUP8-S	Solid	08/11/25 00:00	08/12/25 10:15	Texas
880-61361-95	SB-2 (20)	Solid	08/11/25 15:15	08/12/25 10:15	Texas
880-61361-96	SB-2 (25)	Solid	08/11/25 15:30	08/12/25 10:15	Texas
880-61361-97	SB-2 (35)	Solid	08/11/25 15:50	08/12/25 10:15	Texas
880-61361-98	SB-1 (01)	Solid	08/11/25 10:33	08/12/25 10:15	Texas
880-61361-99	SB-1 (50)	Solid	08/11/25 10:00	08/12/25 10:15	Texas
880-61361-100	SB-1 (05)	Solid	08/11/25 10:45	08/12/25 10:15	Texas
880-61361-101	SB-1 (10)	Solid	08/11/25 10:50	08/12/25 10:15	Texas
880-61361-102	SB-1 (15)	Solid	08/11/25 10:55	08/12/25 10:15	Texas
880-61361-103	SB-1 (20)	Solid	08/11/25 11:05	08/12/25 10:15	Texas
880-61361-104	SB-1 (25)	Solid	08/11/25 11:15	08/12/25 10:15	Texas
880-61361-105	SB-1 (30)	Solid	08/11/25 11:25	08/12/25 10:15	Texas
880-61361-106	SB-1 (35)	Solid	08/11/25 11:35	08/12/25 10:15	Texas

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 880-61361-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61361-107	SB-1 (40)	Solid	08/11/25 11:45	08/12/25 10:15	Texas
880-61361-108	SB-1 (45)	Solid	08/11/25 11:55	08/12/25 10:15	Texas
880-61361-109	SB-2 (2.5-3)	Solid	08/11/25 14:25	08/12/25 10:15	Texas
880-61361-110	SB-2 (30)	Solid	08/11/25 15:40	08/12/25 10:15	Texas

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

880-61361 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D_15MOD_NM	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
DUP-5-5	8/9/25	8:28	C	Soil	X	1	
TMW-37 (0-5)	8/9/25	8:30	C	Soil	X	1	
TMW-37 (5-10)	8/9/25	8:32	C	Soil	X	1	
TMW-37 (10-15)	8/9/25	8:34	C	Soil	X	1	
TMW-37 (15-20)	8/9/25	8:36	C	Soil	X	1	
TMW-37 (20-25)	8/9/25	8:38	C	Soil	X	1	
TMW-37 (25-30)	8/9/25	8:40	C	Soil	X	1	
TMW-37 (30-35)	8/9/25	8:42	C	Soil	X	1	
TMW-37 (35-40)	8/9/25	8:44	C	Soil	X	1	
TMW-37 (40-45)	8/9/25	8:46	C	Soil	X	1	
TMW-37 (45-50)	8/9/25	8:48	C	Soil	X	1	

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		8/11/25 0800	Terracon			
2		08/12/25 1015	Company	Received by:	Date/Time: 8/12/25 1015	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.9/2.8 -.1 IR

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Karen Silva	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 2 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3 N - None S - H2SO4 A - HCL B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			Other:
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D, 15MOD_NM, 82	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
TMW-37 (50-55)	8/9/25	8:50	C	Soil	X	1	
TMW-37 (55-60)	8/9/25	8:52	C	Soil	X	1	
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 8/12-25 1015	Company: Terracon	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 8/12-25 1015	Company	Received by:	Date/Time: 8/12/25 1015	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morris	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 3 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3 N - None S - H2SO4 A - HCL B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			Other:
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	N	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
TMW-34(0-5)	8/11/25	1115	C	Soil		X		
TMW-34(5-10)		1117	C	Soil				
TMW-34(10-15)		1119	C	Soil				
TMW-34(15-20)		1121	C	Soil				
TMW-34(20-25)		1123	C	Soil				
TMW-34(25-30)		1125	C	Soil				
TMW-34(30-35)		1127	C	Soil				
TMW-34(35-40)		1130	C	Soil				
TMW-34(40-45)		1132	C	Soil				
TMW-34(45-50)		1134	C	Soil				
TMW-34(50-55)		1136	C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kristen Morris	8/11/25 0800			8/11/25 0800	
Relinquished by:	Date/Time: 08/12/25 1015		Received by:	Date/Time: 8/12/25 1015	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morris	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page ~~1 of 18~~ 4 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	N	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
TMW-34(55-60)	8/10/25	1136	C	Soil		X		
TMW-34(60-65)		1140	C	Soil				
TMW-34(65-70)		1142	C	Soil				
TMW-34(70-75)		1144	C	Soil				
TMW-34(75-80)		1146	C	Soil				
TMW-34(80-85)		1150	C	Soil				
TMW-34(85-90)		1154	C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Kristen Morris	Date/Time: 8/11/25 1080	Company	Received by:	Date/Time: 8/11/25 0800	Company
Relinquished by:	Date/Time: 08/12/25 1015	Company	Received by:	Date/Time: 8/12/25 105	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morris	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 5 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3 N - None S - H2SO4 A - HCL B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
TMW-36(55-60)	9/10/25	1655	C	Soil	X		
TMW-36(60-65)		1657	C	Soil			
TMW-36(65-70)		1659	C	Soil			
TMW-36(70-75)		1701	C	Soil			
TMW-36(75-80)		1703	C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Kristen Morris	9/11/25 1080			9/11/25 0800	
	09/12/25 1015			9/12/25 1015	

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morriss	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 6 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3 N - None S - H2SO4 A - HCL B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	N	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
TMW-31 (0-5)	8/11/25	1435	C	Soil		X		
TMW-31 (5-10)		1437	C	Soil				
TMW-31 (10-15)		1438	C	Soil				
TMW-31 (15-20)		1439	C	Soil				
TMW-31 (20-25)		1441	C	Soil				
TMW-31 (25-30)		1443	C	Soil				
TMW-31 (30-35)		1445	C	Soil				
TMW-31 (35-40)		1447	C	Soil				
TMW-31 (40-45)		1449	C	Soil				
TMW-31 (45-50)		1451	C	Soil				
TMW-31 (50-55)		1453	C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kristen Morriss	8/11/25 / 0800			08/11/25 / 0800	
Relinquished by:	Date/Time: 8/12/25 / 1015		Received by:	Date/Time: 8/12/25 1015	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morris	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 7 of 10 13
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D, 8015MOD_NM.	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
IMW-31(55-60)	8/10/25	1455	C	Soil	X		
IMW-31(60-65)		1457	C	Soil			
IMW-31(65-70)		1459	C	Soil			
IMW-31(70-75)		1501	C	Soil			
IMW-31(75-80)		1503	C	Soil			
DUP-6		—	C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kristen Morris	8/11/25 10900			08/11/25 1080	
2		08/12/25 1105			8/12/25 1015	
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morris	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 3 of 10 3
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3, N - None, S - H2SO4, A - HCL, B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			Other:
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code: N	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
TMW-30 (0-5)	8/10/25	0810	C	Soil	X		
TMW-30 (5-10)		0811	C	Soil			
TMW-30 (10-15)		0815	C	Soil			
TMW-30 (15-20)		0817	C	Soil			
TMW-30 (20-25)		0820	C	Soil			
TMW-30 (25-30)		0822	C	Soil			
TMW-30 (30-35)		0825	C	Soil			
TMW-30 (35-40)		0827	C	Soil			
TMW-30 (40-45)		0830	C	Soil			
TMW-30 (45-50)		0832	C	Soil			
TMW-30 (50-55	↓	0834	C	Soil	↓		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kristen Morris	8/11/25 1080			08-11-25/0800	
2		8/12/25/1015			8/12/25 1015	
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morriss	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 8 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
TMW-30 (55-60	0836	8/11/25	C	Soil	X		
TMW-30 (60-65)	0838		C	Soil			
TMW-30 (65-70)	0840		C	Soil			
TMW-30 (70-75)	0842		C	Soil			
TMW-30 (75-80)	0844		C	Soil			
TMW-30 (80-85)	0846	V	C	Soil	V		
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			
			C	Soil			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kristen Morriss	8/11/25 1080			08/11/25/0800	
2		08/12/25/1015			8/12/25 1015	
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kristen Morris	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 10 of 10 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3 N - None S - H2SO4 A - HCL B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			Other:
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D_801	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
		Preservation Code:			N		
TMW-36(0-5)	8/11/25	1633	C	Soil	X		
TMW-36(5-10)		1635	C	Soil			
TMW-36(10-15)		1637	C	Soil			
TMW-36(15-20)		1639	C	Soil			
TMW-36(20-25)		1641	C	Soil			
TMW-36(25-30)		1643	C	Soil			
TMW-36(30-35)		1645	C	Soil			
TMW-36(35-40)		1647	C	Soil			
TMW-36(40-45)		1649	C	Soil			
TMW-36(45-50)		1651	C	Soil			
TMW-36(50-55)		1653	C	Soil			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kristen Morris	8/11/25 0808				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				8/12/25 1015	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Karen S. Ivc	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 432-234-1119	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3, N - None, S - H2SO4, A - HCL, B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			Other:
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	N	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
SB-2(40)	8/11/25	1600	C	Soil		X	2	
SB-2(45)	8/11/25	1610	C	Soil				
SB-2(50)		1625	C	Soil				
SB-2(0-2.5		1420	C	Soil				
~~Dupe~~ Dup-7		—	C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		08-12-25/1015				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/12/25 1015	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Karen Silva	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 432-234-1119	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 12 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3, N - None, S - H2SO4, A - HCL, B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			Other:
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	300_ORGFM_28D	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
SB-2 (4-45)	08-11-25	1435	G	Soil	✓		
SB-2 (6)		1445	G	Soil			
SB-2 (8)		1450	G	Soil			
SB-2 (10)		1455	G	Soil			
SB-2 (12)		1500	G	Soil			
SB-2 (15)		1505	G	Soil			
SB-2 (18)		1510	G	Soil			
Dup8		—	G	Soil			
SB-2 (20)		1515	G	Soil			
SB-2 (25)		1530	G	Soil			
SB-2 (35)	↓	1550	G	Soil	↓		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08-12-25 1015				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/12/25 1015	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Karen Silva	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 432-234-1119	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 13 of 13
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #:
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D - HNO3, N - None, S - H2SO4, A - HCL, B - NaOH
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	8000_ORGFM_28D_8015MOD_NM	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
SB-1 (01)	08-11-25	1173	G	Soil	✓	1	
SB-1 (50)		1000	G	Soil			
SB-1 (05)		~~1000~~ 1045	G	Soil			
SB-1 (10)		1050	G	Soil			
SB-1 (15)		1055	G	Soil			
SB-1 (20)		1105	G	Soil			
SB-1 (25)		1115	G	Soil			
SB-1 (30)		1125	G	Soil			
SB-1 (35)		1135	G	Soil			
SB-1 (40)		1145	G	Soil			
SB-1 (45)	↓	1155	G	Soil	↓	✓	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		08-12-25/1015				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/12/25 1015	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 880-61361-1

Login Number: 61361 **List Source: Eurofins Midland**
List Number: 1
Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 880-61361-1

Login Number: 61361
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/13/25 12:00 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 10:19:05 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8613-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/19/2025 10:19:05 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 890-8613-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8613-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8613-1
Project: EBDU 37

Job ID: 890-8613-1 Eurofins Carlsbad

Job Narrative
890-8613-1

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

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

Receipt
The samples were received on 8/11/2025 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW - 27 (0-5) (890-8613-1), TMW - 27 (5-10) (890-8613-2), TMW - 27 (10-15) (890-8613-3), TMW - 27 (15-20) (890-8613-4), TMW - 27 (20-25) (890-8613-5), TMW - 27 (25-30) (890-8613-6), TMW - 27 (30-35) (890-8613-7), TMW - 27 (35-40) (890-8613-8), TMW - 27 (40-45) (890-8613-9), TMW - 27 (45-50) (890-8613-10), TMW - 27 (50-55) (890-8613-11) and TMW - 27 (55-60) (890-8613-12).

GC/MS VOA
Method 8260D: Samples are in a bulk jar

TMW - 27 (5-10) (890-8613-2), TMW - 27 (10-15) (890-8613-3), TMW - 27 (15-20) (890-8613-4), TMW - 27 (20-25) (890-8613-5), TMW - 27 (25-30) (890-8613-6), TMW - 27 (30-35) (890-8613-7), TMW - 27 (35-40) (890-8613-8), TMW - 27 (40-45) (890-8613-9), TMW - 27 (45-50) (890-8613-10) and TMW - 27 (50-55) (890-8613-11)

Method 8260D: Sample is in a bulk jar.

TMW - 27 (50-55) (890-8613-11) and TMW - 27 (55-60) (890-8613-12)

Method 8260D: Sample is in a bulk jar.

TMW - 27 (0-5) (890-8613-1)

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TMW - 27 (0-5) (890-8613-1), TMW - 27 (15-20) (890-8613-4), TMW - 27 (20-25) (890-8613-5) and TMW - 27 (35-40) (890-8613-8). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TMW - 27 (10-15) (890-8613-3) and (890-8599-A-12-B). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116430 and analytical batch 880-116743 was outside the upper control limits.

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

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8613-1
Project: EBDU 37

Job ID: 890-8613-1 (Continued) Eurofins Carlsbad

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (0-5)

Lab Sample ID: 890-8613-1
Matrix: Solid
Date Collected: 08/08/25 16:30
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 16:41	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*08/12/25 16:02*	*08/12/25 16:41*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*	*08/12/25 16:02*	*08/12/25 16:41*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 16:41*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 16:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 16:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 00:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*132*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:10*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.8**		10.1	0.397	mg/Kg			08/14/25 04:33	1

Client Sample ID: TMW - 27 (5-10)

Lab Sample ID: 890-8613-2
Matrix: Solid
Date Collected: 08/08/25 16:32
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:07	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*	*08/12/25 16:02*	*08/12/25 17:07*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (5-10)

Lab Sample ID: 890-8613-2
Matrix: Solid
Date Collected: 08/08/25 16:32
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/12/25 16:02*	*08/12/25 17:07*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/12/25 16:02*	*08/12/25 17:07*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/12/25 16:02*	*08/12/25 17:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 17:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 00:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*74*		*70 - 130*	*08/12/25 08:06*	*08/16/25 00:24*	*1*
o-Terphenyl	*77*		*70 - 130*	*08/12/25 08:06*	*08/16/25 00:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.2**		9.98	0.394	mg/Kg			08/14/25 04:40	1

Client Sample ID: TMW - 27 (10-15)

Lab Sample ID: 890-8613-3
Matrix: Solid
Date Collected: 08/08/25 16:34
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 17:32	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*	*08/12/25 16:02*	*08/12/25 17:32*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/12/25 17:32*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/12/25 16:02*	*08/12/25 17:32*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*	*08/12/25 16:02*	*08/12/25 17:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 17:32	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (10-15)

Lab Sample ID: 890-8613-3
Matrix: Solid
Date Collected: 08/08/25 16:34
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 00:40	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 00:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*08/12/25 08:06*	*08/16/25 00:40*	*1*
o-Terphenyl	*135*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		10.1	0.399	mg/Kg			08/14/25 04:48	1

Client Sample ID: TMW - 27 (15-20)

Lab Sample ID: 890-8613-4
Matrix: Solid
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
Toluene	<0.00498	U	0.00498		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
Ethylbenzene	<0.000996	U	0.000996		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
m,p-Xylenes	<0.00199	U	0.00199		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
o-Xylene	<0.000996	U	0.000996		mg/Kg		08/12/25 16:02	08/12/25 17:57	1
Xylenes, Total	<0.00199	U	0.00199		mg/Kg		08/12/25 16:02	08/12/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*56 - 150*	*08/12/25 16:02*	*08/12/25 17:57*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/12/25 17:57*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 17:57*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 17:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199		mg/Kg			08/12/25 17:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 00:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 00:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (15-20)

Lab Sample ID: 890-8613-4
Matrix: Solid
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:54*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 00:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.64**	**J**	10.1	0.397	mg/Kg			08/14/25 04:55	1

Client Sample ID: TMW - 27 (20-25)

Lab Sample ID: 890-8613-5
Matrix: Solid
Date Collected: 08/08/25 16:38
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 18:22	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/12/25 16:02*	*08/12/25 18:22*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*	*08/12/25 16:02*	*08/12/25 18:22*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 18:22*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 18:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 18:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 01:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*131*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:09*	*1*
o-Terphenyl	*141*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.2**		9.92	0.392	mg/Kg			08/14/25 05:03	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (25-30)

Lab Sample ID: 890-8613-6
Matrix: Solid
Date Collected: 08/08/25 16:40
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000992	U	0.000992		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
Toluene	<0.00496	U	0.00496		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
Ethylbenzene	<0.000992	U	0.000992		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
m,p-Xylenes	<0.00198	U	0.00198		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
o-Xylene	<0.000992	U	0.000992		mg/Kg		08/12/25 16:02	08/12/25 18:47	1
Xylenes, Total	<0.00198	U	0.00198		mg/Kg		08/12/25 16:02	08/12/25 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/12/25 16:02*	*08/12/25 18:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 152*	*08/12/25 16:02*	*08/12/25 18:47*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/12/25 16:02*	*08/12/25 18:47*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 18:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00198	U	0.00198		mg/Kg			08/12/25 18:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 01:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 01:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 01:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:24*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.3**		9.92		mg/Kg			08/14/25 21:16	1

Client Sample ID: TMW - 27 (30-35)

Lab Sample ID: 890-8613-7
Matrix: Solid
Date Collected: 08/08/25 16:42
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
Toluene	<0.00505	U	0.00505		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 19:12	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/12/25 16:02*	*08/12/25 19:12*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 890-8613-1
Project/Site: EBDU 37

Client Sample ID: TMW - 27 (30-35)
Lab Sample ID: 890-8613-7
Date Collected: 08/08/25 16:42
Matrix: Solid
Date Received: 08/11/25 10:20

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*68 - 152*	*08/12/25 16:02*	*08/12/25 19:12*	*1*
Dibromofluoromethane (Surr)	*96*		*53 - 142*	*08/12/25 16:02*	*08/12/25 19:12*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 19:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	mg/Kg			08/12/25 19:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			08/16/25 01:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/12/25 08:06	08/16/25 01:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/12/25 08:06	08/16/25 01:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/12/25 08:06	08/16/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:38*	*1*
o-Terphenyl	*74*		*70 - 130*	*08/12/25 08:06*	*08/16/25 01:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			08/14/25 21:39	1

Client Sample ID: TMW - 27 (35-40)
Lab Sample ID: 890-8613-8
Date Collected: 08/08/25 16:44
Matrix: Solid
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
Toluene	<0.00502	U	0.00502	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
Ethylbenzene	<0.00100	U	0.00100	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
m,p-Xylenes	<0.00201	U	0.00201	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
o-Xylene	<0.00100	U	0.00100	mg/Kg		08/12/25 16:02	08/12/25 19:37	1
Xylenes, Total	<0.00201	U	0.00201	mg/Kg		08/12/25 16:02	08/12/25 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*56 - 150*	*08/12/25 16:02*	*08/12/25 19:37*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/12/25 16:02*	*08/12/25 19:37*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 19:37*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 19:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	mg/Kg			08/12/25 19:37	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (35-40)

Lab Sample ID: 890-8613-8
Matrix: Solid
Date Collected: 08/08/25 16:44
Date Received: 08/11/25 10:20

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 01:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*136*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:53*	*1*
o-Terphenyl	*142*	*S1+*	*70 - 130*	*08/12/25 08:06*	*08/16/25 01:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/14/25 21:46	1

Client Sample ID: TMW - 27 (40-45)

Lab Sample ID: 890-8613-9
Matrix: Solid
Date Collected: 08/08/25 16:46
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
Toluene	<0.00499	U	0.00499		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
Ethylbenzene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
o-Xylene	<0.000998	U	0.000998		mg/Kg		08/12/25 16:02	08/12/25 20:02	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg		08/12/25 16:02	08/12/25 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*56 - 150*	*08/12/25 16:02*	*08/12/25 20:02*	*1*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*	*08/12/25 16:02*	*08/12/25 20:02*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/12/25 16:02*	*08/12/25 20:02*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 20:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200		mg/Kg			08/12/25 20:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 02:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 02:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 02:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 02:07	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (40-45)

Lab Sample ID: 890-8613-9
Matrix: Solid
Date Collected: 08/08/25 16:46
Date Received: 08/11/25 10:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	08/12/25 08:06	08/16/25 02:07	1
o-Terphenyl	80		70 - 130	08/12/25 08:06	08/16/25 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.5		10.1		mg/Kg			08/14/25 22:09	1

Client Sample ID: TMW - 27 (45-50)

Lab Sample ID: 890-8613-10
Matrix: Solid
Date Collected: 08/08/25 16:48
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
Toluene	<0.00505	U	0.00505		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
Ethylbenzene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
m,p-Xylenes	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
o-Xylene	<0.00101	U	0.00101		mg/Kg		08/12/25 16:02	08/12/25 20:27	1
Xylenes, Total	<0.00202	U	0.00202		mg/Kg		08/12/25 16:02	08/12/25 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		56 - 150	08/12/25 16:02	08/12/25 20:27	1
4-Bromofluorobenzene (Surr)	105		68 - 152	08/12/25 16:02	08/12/25 20:27	1
Dibromofluoromethane (Surr)	100		53 - 142	08/12/25 16:02	08/12/25 20:27	1
Toluene-d8 (Surr)	100		70 - 130	08/12/25 16:02	08/12/25 20:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202		mg/Kg			08/12/25 20:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/16/25 02:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 08:06	08/16/25 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	08/12/25 08:06	08/16/25 02:36	1
o-Terphenyl	78		70 - 130	08/12/25 08:06	08/16/25 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.9		9.96		mg/Kg			08/14/25 22:16	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (50-55)

Lab Sample ID: 890-8613-11
Matrix: Solid
Date Collected: 08/08/25 16:50
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/12/25 23:18	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/12/25 16:02	08/12/25 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*56 - 150*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/12/25 16:02*	*08/13/25 15:39*	*1*
4-Bromofluorobenzene (Surr)	*108*		*68 - 152*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/12/25 16:02*	*08/13/25 15:39*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
Dibromofluoromethane (Surr)	*88*		*53 - 142*	*08/12/25 16:02*	*08/13/25 15:39*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*	*08/12/25 16:02*	*08/12/25 23:18*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/12/25 16:02*	*08/13/25 15:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/12/25 23:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/16/25 02:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 02:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 02:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/12/25 08:06	08/16/25 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*08/12/25 08:06*	*08/16/25 02:52*	*1*
o-Terphenyl	*76*		*70 - 130*	*08/12/25 08:06*	*08/16/25 02:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.0**		9.98		mg/Kg			08/14/25 22:24	1

Client Sample ID: TMW - 27 (55-60)

Lab Sample ID: 890-8613-12
Matrix: Solid
Date Collected: 08/08/25 16:52
Date Received: 08/11/25 10:20

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00142**		0.00100	0.000383	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
Toluene	<0.00501	U	0.00501	0.00121	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
Ethylbenzene	<0.00100	U	0.00100	0.000305	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
m,p-Xylenes	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/12/25 23:39	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/12/25 16:02	08/12/25 23:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (55-60)

Date Collected: 08/08/25 16:52
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00200	U	0.00200	0.000434	mg/Kg		08/12/25 16:02	08/12/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/12/25 16:02*	*08/12/25 23:39*	*1*
4-Bromofluorobenzene (Surr)	*109*		*68 - 152*	*08/12/25 16:02*	*08/12/25 23:39*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*	*08/12/25 16:02*	*08/12/25 23:39*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/12/25 16:02*	*08/12/25 23:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00142**	**J**	0.00200	0.000434	mg/Kg			08/12/25 23:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/16/25 03:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 03:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/12/25 08:06	08/16/25 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*08/12/25 08:06*	*08/16/25 03:07*	*1*
o-Terphenyl	*78*		*70 - 130*	*08/12/25 08:06*	*08/16/25 03:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.5**		9.94		mg/Kg			08/14/25 22:32	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-8613-1	TMW - 27 (0-5)	110	104	97	100
890-8613-2	TMW - 27 (5-10)	100	97	88	97
890-8613-3	TMW - 27 (10-15)	99	105	92	93
890-8613-4	TMW - 27 (15-20)	110	105	97	99
890-8613-5	TMW - 27 (20-25)	112	106	97	100
890-8613-6	TMW - 27 (25-30)	113	100	98	99
890-8613-7	TMW - 27 (30-35)	113	107	96	100
890-8613-8	TMW - 27 (35-40)	113	109	97	99
890-8613-9	TMW - 27 (40-45)	111	105	97	100
890-8613-10	TMW - 27 (45-50)	110	105	100	100
890-8613-11	TMW - 27 (50-55)	96	108	99	100
890-8613-11	TMW - 27 (50-55)	108	95	88	96
890-8613-12	TMW - 27 (55-60)	98	109	103	99
LCS 860-254508/3	Lab Control Sample	107	104	98	102
LCS 860-254713/3	Lab Control Sample	100	96	95	98
LCS 860-254798/3	Lab Control Sample	106	96	97	102
LCSD 860-254508/4	Lab Control Sample Dup	105	113	98	103
LCSD 860-254713/4	Lab Control Sample Dup	98	97	98	99
LCSD 860-254798/4	Lab Control Sample Dup	106	112	97	101
MB 860-254508/8	Method Blank	114	106	99	100
MB 860-254713/8	Method Blank	99	104	103	97
MB 860-254798/8	Method Blank	97	91	93	96

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8613-1	TMW - 27 (0-5)	132 S1+	140 S1+
890-8613-2	TMW - 27 (5-10)	74	77
890-8613-3	TMW - 27 (10-15)	127	135 S1+
890-8613-4	TMW - 27 (15-20)	134 S1+	144 S1+
890-8613-5	TMW - 27 (20-25)	131 S1+	141 S1+
890-8613-6	TMW - 27 (25-30)	75	78
890-8613-7	TMW - 27 (30-35)	71	74
890-8613-8	TMW - 27 (35-40)	136 S1+	142 S1+
890-8613-9	TMW - 27 (40-45)	76	80
890-8613-10	TMW - 27 (45-50)	76	78
890-8613-11	TMW - 27 (50-55)	77	76
890-8613-12	TMW - 27 (55-60)	75	78
LCS 880-116430/2-A	Lab Control Sample	79	76
LCSD 880-116430/3-A	Lab Control Sample Dup	92	87
MB 880-116430/1-A	Method Blank	122	131 S1+

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

Lab Sample ID: MB 860-254508/8
Matrix: Solid
Analysis Batch: 254508

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100		mg/Kg			08/12/25 11:28	1
Toluene	<0.00500	U	0.00500		mg/Kg			08/12/25 11:28	1
Ethylbenzene	<0.00100	U	0.00100		mg/Kg			08/12/25 11:28	1
m,p-Xylenes	<0.00200	U	0.00200		mg/Kg			08/12/25 11:28	1
o-Xylene	<0.00100	U	0.00100		mg/Kg			08/12/25 11:28	1
Xylenes, Total	<0.00200	U	0.00200		mg/Kg			08/12/25 11:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*56 - 150*		*08/12/25 11:28*	*1*
4-Bromofluorobenzene (Surr)	*106*		*68 - 152*		*08/12/25 11:28*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/12/25 11:28*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/12/25 11:28*	*1*

Lab Sample ID: LCS 860-254508/3
Matrix: Solid
Analysis Batch: 254508

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04717		mg/Kg		94	66 - 142		
Toluene			0.0500	0.04622		mg/Kg		92	74 - 130		
Ethylbenzene			0.0500	0.04694		mg/Kg		94	80 - 130		
m,p-Xylenes			0.0500	0.04508		mg/Kg		90	78 - 130		
o-Xylene			0.0500	0.04580		mg/Kg		92	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254508/4
Matrix: Solid
Analysis Batch: 254508

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04611		mg/Kg		92	66 - 142	2	25
Toluene			0.0500	0.04553		mg/Kg		91	74 - 130	1	25
Ethylbenzene			0.0500	0.04689		mg/Kg		94	80 - 130	0	25
m,p-Xylenes			0.0500	0.04586		mg/Kg		92	78 - 130	2	25
o-Xylene			0.0500	0.04625		mg/Kg		92	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*
4-Bromofluorobenzene (Surr)	*113*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

Lab Sample ID: MB 860-254713/8
Matrix: Solid
Analysis Batch: 254713

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/12/25 22:57	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/12/25 22:57	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/12/25 22:57	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/12/25 22:57	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/12/25 22:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*56 - 150*		*08/12/25 22:57*	*1*
4-Bromofluorobenzene (Surr)	*104*		*68 - 152*		*08/12/25 22:57*	*1*
Dibromofluoromethane (Surr)	*103*		*53 - 142*		*08/12/25 22:57*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/12/25 22:57*	*1*

Lab Sample ID: LCS 860-254713/3
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04604		mg/Kg		92	66 - 142		
Toluene			0.0500	0.04518		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04729		mg/Kg		95	80 - 130		
m,p-Xylenes			0.0500	0.04635		mg/Kg		93	78 - 130		
o-Xylene			0.0500	0.04744		mg/Kg		95	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*95*		*53 - 142*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 860-254713/4
Matrix: Solid
Analysis Batch: 254713

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04686		mg/Kg		94	66 - 142	2	25
Toluene			0.0500	0.04414		mg/Kg		88	74 - 130	2	25
Ethylbenzene			0.0500	0.04612		mg/Kg		92	80 - 130	3	25
m,p-Xylenes			0.0500	0.04526		mg/Kg		91	78 - 130	2	25
o-Xylene			0.0500	0.04642		mg/Kg		93	79 - 130	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*99*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

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

Lab Sample ID: MB 860-254798/8
Matrix: Solid
Analysis Batch: 254798

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/13/25 10:56	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/13/25 10:56	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/13/25 10:56	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/13/25 10:56	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*		*08/13/25 10:56*	*1*
4-Bromofluorobenzene (Surr)	*91*		*68 - 152*		*08/13/25 10:56*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*		*08/13/25 10:56*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/13/25 10:56*	*1*

Lab Sample ID: LCS 860-254798/3
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04683		mg/Kg		94	66 - 142		
Toluene			0.0500	0.04499		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04662		mg/Kg		93	80 - 130		
m,p-Xylenes			0.0500	0.04555		mg/Kg		91	78 - 130		
o-Xylene			0.0500	0.04111		mg/Kg		82	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 860-254798/4
Matrix: Solid
Analysis Batch: 254798

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04696		mg/Kg		94	66 - 142	0	25
Toluene			0.0500	0.04603		mg/Kg		92	74 - 130	2	25
Ethylbenzene			0.0500	0.04740		mg/Kg		95	80 - 130	2	25
m,p-Xylenes			0.0500	0.04625		mg/Kg		92	78 - 130	2	25
o-Xylene			0.0500	0.04121		mg/Kg		82	79 - 130	0	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*56 - 150*
4-Bromofluorobenzene (Surr)	*112*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116430/1-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116430

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/12/25 07:59	08/15/25 22:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*08/12/25 07:59*	*08/15/25 22:41*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*08/12/25 07:59*	*08/15/25 22:41*	*1*

Lab Sample ID: LCS 880-116430/2-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	994.3		mg/Kg		99	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1026		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*79*		*70 - 130*
o-Terphenyl	*76*		*70 - 130*

Lab Sample ID: LCSD 880-116430/3-A
Matrix: Solid
Analysis Batch: 116743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1172		mg/Kg		117	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1172		mg/Kg		117	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*87*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116485/1-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/14/25 03:01	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-116485/2-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	240.9		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-116485/3-A
Matrix: Solid
Analysis Batch: 116537

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.2		mg/Kg		100	90 - 110	4	20

Lab Sample ID: MB 880-116502/1-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/14/25 19:07	1

Lab Sample ID: LCS 880-116502/2-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.4		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-116502/3-A
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.3		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 890-8613-6 MS
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: TMW - 27 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	17.3		248	271.3		mg/Kg		102	90 - 110		

Lab Sample ID: 890-8613-6 MSD
Matrix: Solid
Analysis Batch: 116610

Client Sample ID: TMW - 27 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17.3		248	274.8		mg/Kg		104	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

GC/MS VOA

Analysis Batch: 254508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8260D	254685
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8260D	254685
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8260D	254685
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8260D	254685
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8260D	254685
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8260D	254685
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8260D	254685
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8260D	254685
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8260D	254685
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8260D	254685
MB 860-254508/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254508/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254508/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 254685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	5035	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	5035	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	5035	
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	5035	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	5035	
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	5035	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	5035	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	5035	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	5035	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	5035	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	5035	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	5035	

Analysis Batch: 254713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8260D	254685
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8260D	254685
MB 860-254713/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254713/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254713/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8260D	254685
MB 860-254798/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-254798/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254798/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 254965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	Total BTEX	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	Total BTEX	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	Total BTEX	
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	Total BTEX	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

GC/MS VOA (Continued)

Analysis Batch: 254965 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	Total BTEX	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	Total BTEX	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	Total BTEX	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	Total BTEX	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	Total BTEX	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	Total BTEX	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8015NM Prep	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8015NM Prep	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8015NM Prep	
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8015NM Prep	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8015NM Prep	
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8015NM Prep	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8015NM Prep	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8015NM Prep	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8015NM Prep	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8015NM Prep	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8015NM Prep	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8015B NM	116430
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8015B NM	116430
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8015B NM	116430
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8015B NM	116430
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8015B NM	116430
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8015B NM	116430
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8015B NM	116430
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8015B NM	116430
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8015B NM	116430
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8015B NM	116430
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8015B NM	116430
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8015B NM	116430
MB 880-116430/1-A	Method Blank	Total/NA	Solid	8015B NM	116430
LCS 880-116430/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116430
LCSD 880-116430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116430

Analysis Batch: 116885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Total/NA	Solid	8015 NM	
890-8613-2	TMW - 27 (5-10)	Total/NA	Solid	8015 NM	
890-8613-3	TMW - 27 (10-15)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

GC Semi VOA (Continued)

Analysis Batch: 116885 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-4	TMW - 27 (15-20)	Total/NA	Solid	8015 NM	
890-8613-5	TMW - 27 (20-25)	Total/NA	Solid	8015 NM	
890-8613-6	TMW - 27 (25-30)	Total/NA	Solid	8015 NM	
890-8613-7	TMW - 27 (30-35)	Total/NA	Solid	8015 NM	
890-8613-8	TMW - 27 (35-40)	Total/NA	Solid	8015 NM	
890-8613-9	TMW - 27 (40-45)	Total/NA	Solid	8015 NM	
890-8613-10	TMW - 27 (45-50)	Total/NA	Solid	8015 NM	
890-8613-11	TMW - 27 (50-55)	Total/NA	Solid	8015 NM	
890-8613-12	TMW - 27 (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Soluble	Solid	DI Leach	
890-8613-2	TMW - 27 (5-10)	Soluble	Solid	DI Leach	
890-8613-3	TMW - 27 (10-15)	Soluble	Solid	DI Leach	
890-8613-4	TMW - 27 (15-20)	Soluble	Solid	DI Leach	
890-8613-5	TMW - 27 (20-25)	Soluble	Solid	DI Leach	
MB 880-116485/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116485/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116485/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 116502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-6	TMW - 27 (25-30)	Soluble	Solid	DI Leach	
890-8613-7	TMW - 27 (30-35)	Soluble	Solid	DI Leach	
890-8613-8	TMW - 27 (35-40)	Soluble	Solid	DI Leach	
890-8613-9	TMW - 27 (40-45)	Soluble	Solid	DI Leach	
890-8613-10	TMW - 27 (45-50)	Soluble	Solid	DI Leach	
890-8613-11	TMW - 27 (50-55)	Soluble	Solid	DI Leach	
890-8613-12	TMW - 27 (55-60)	Soluble	Solid	DI Leach	
MB 880-116502/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8613-6 MS	TMW - 27 (25-30)	Soluble	Solid	DI Leach	
890-8613-6 MSD	TMW - 27 (25-30)	Soluble	Solid	DI Leach	

Analysis Batch: 116537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-1	TMW - 27 (0-5)	Soluble	Solid	300.0	116485
890-8613-2	TMW - 27 (5-10)	Soluble	Solid	300.0	116485
890-8613-3	TMW - 27 (10-15)	Soluble	Solid	300.0	116485
890-8613-4	TMW - 27 (15-20)	Soluble	Solid	300.0	116485
890-8613-5	TMW - 27 (20-25)	Soluble	Solid	300.0	116485
MB 880-116485/1-A	Method Blank	Soluble	Solid	300.0	116485
LCS 880-116485/2-A	Lab Control Sample	Soluble	Solid	300.0	116485
LCSD 880-116485/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116485

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

HPLC/IC

Analysis Batch: 116610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8613-6	TMW - 27 (25-30)	Soluble	Solid	300.0	116502
890-8613-7	TMW - 27 (30-35)	Soluble	Solid	300.0	116502
890-8613-8	TMW - 27 (35-40)	Soluble	Solid	300.0	116502
890-8613-9	TMW - 27 (40-45)	Soluble	Solid	300.0	116502
890-8613-10	TMW - 27 (45-50)	Soluble	Solid	300.0	116502
890-8613-11	TMW - 27 (50-55)	Soluble	Solid	300.0	116502
890-8613-12	TMW - 27 (55-60)	Soluble	Solid	300.0	116502
MB 880-116502/1-A	Method Blank	Soluble	Solid	300.0	116502
LCS 880-116502/2-A	Lab Control Sample	Soluble	Solid	300.0	116502
LCSD 880-116502/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116502
890-8613-6 MS	TMW - 27 (25-30)	Soluble	Solid	300.0	116502
890-8613-6 MSD	TMW - 27 (25-30)	Soluble	Solid	300.0	116502

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (0-5)
Date Collected: 08/08/25 16:30
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 16:41	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 16:41	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:10	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:33	CS	EET MID

Client Sample ID: TMW - 27 (5-10)
Date Collected: 08/08/25 16:32
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 17:07	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 17:07	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:24	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:40	CS	EET MID

Client Sample ID: TMW - 27 (10-15)
Date Collected: 08/08/25 16:34
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 17:32	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 17:32	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:40	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:48	CS	EET MID

Client Sample ID: TMW - 27 (15-20)
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 17:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 17:57	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (15-20)
Date Collected: 08/08/25 16:36
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116885	08/16/25 00:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 00:54	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 04:55	CS	EET MID

Client Sample ID: TMW - 27 (20-25)
Date Collected: 08/08/25 16:38
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 18:22	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 18:22	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116485	08/12/25 11:01	SI	EET MID
Soluble	Analysis	300.0		1			116537	08/14/25 05:03	CS	EET MID

Client Sample ID: TMW - 27 (25-30)
Date Collected: 08/08/25 16:40
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 18:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 18:47	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:24	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 21:16	CS	EET MID

Client Sample ID: TMW - 27 (30-35)
Date Collected: 08/08/25 16:42
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 19:12	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 19:12	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:38	TKC	EET MID

Eurofins Carlsbad

Released to Imaging: 3/12/2026 2:34:23 PM

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (30-35)
Date Collected: 08/08/25 16:42
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.0 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 21:39	CS	EET MID

Client Sample ID: TMW - 27 (35-40)
Date Collected: 08/08/25 16:44
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 19:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 19:37	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 01:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 01:53	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 21:46	CS	EET MID

Client Sample ID: TMW - 27 (40-45)
Date Collected: 08/08/25 16:46
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 20:02	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 20:02	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 02:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 02:07	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:09	CS	EET MID

Client Sample ID: TMW - 27 (45-50)
Date Collected: 08/08/25 16:48
Date Received: 08/11/25 10:20

Lab Sample ID: 890-8613-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254508	08/12/25 20:27	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 20:27	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 02:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 02:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:16	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Client Sample ID: TMW - 27 (50-55)

Lab Sample ID: 890-8613-11
Matrix: Solid
Date Collected: 08/08/25 16:50
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254798	08/13/25 15:39	MTMG	EET HOU
Total/NA	Prep	5035			4.98 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/12/25 23:18	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 23:18	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 02:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 02:52	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:24	CS	EET MID

Client Sample ID: TMW - 27 (55-60)

Lab Sample ID: 890-8613-12
Matrix: Solid
Date Collected: 08/08/25 16:52
Date Received: 08/11/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	254685	08/12/25 16:02	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	254713	08/12/25 23:39	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			254965	08/12/25 23:39	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116885	08/16/25 03:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116430	08/12/25 08:06	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116743	08/16/25 03:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116502	08/12/25 12:25	SA	EET MID
Soluble	Analysis	300.0		1			116610	08/14/25 22:32	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8613-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8613-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8613-1	TMW - 27 (0-5)	Solid	08/08/25 16:30	08/11/25 10:20	Texas
890-8613-2	TMW - 27 (5-10)	Solid	08/08/25 16:32	08/11/25 10:20	Texas
890-8613-3	TMW - 27 (10-15)	Solid	08/08/25 16:34	08/11/25 10:20	Texas
890-8613-4	TMW - 27 (15-20)	Solid	08/08/25 16:36	08/11/25 10:20	Texas
890-8613-5	TMW - 27 (20-25)	Solid	08/08/25 16:38	08/11/25 10:20	Texas
890-8613-6	TMW - 27 (25-30)	Solid	08/08/25 16:40	08/11/25 10:20	Texas
890-8613-7	TMW - 27 (30-35)	Solid	08/08/25 16:42	08/11/25 10:20	Texas
890-8613-8	TMW - 27 (35-40)	Solid	08/08/25 16:44	08/11/25 10:20	Texas
890-8613-9	TMW - 27 (40-45)	Solid	08/08/25 16:46	08/11/25 10:20	Texas
890-8613-10	TMW - 27 (45-50)	Solid	08/08/25 16:48	08/11/25 10:20	Texas
890-8613-11	TMW - 27 (50-55)	Solid	08/08/25 16:50	08/11/25 10:20	Texas
890-8613-12	TMW - 27 (55-60)	Solid	08/08/25 16:52	08/11/25 10:20	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

8/19/2025

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

890-8613 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	8015MOD_NM/8015NM_S_GRO_DRO_ORGFM_28D, 8021B/5035FP_Moisture	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		N		
TMW-27 (0-5)	8/8/25	16:30	C	Soil	X	1	
TMW-27 (5-10)	8/8/25	16:32	C	Soil	X	1	
TMW-27 (10-15)	8/8/25	16:34	C	Soil	X	1	
TMW-27 (15-20)	8/8/25	16:36	C	Soil	X	1	
TMW-27 (20-25)	8/8/25	16:38	C	Soil	X	1	
TMW-27 (25-30)	8/8/25	16:40	C	Soil	X	1	
TMW-27 (30-35)	8/8/25	16:42	C	Soil	X	1	
TMW-27 (35-40)	8/8/25	16:44	C	Soil	X	1	time 1644
TMW-27 (40-45)	8/8/25	16:46	C	Soil	X	1	
TMW-27 (45-50)	8/8/25	16:48	C	Soil	X	1	
TMW-27 (50-55)	8/8/25	16:50	C	Soil	X	1	

Other:

Preservation Codes:
NO3
ne
SO4
L
OH

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/09/25 0433			8/9/25 1030	
2		8/11/25 1010			8/11 1020	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TMW007 -0.2 5.4 5.2

Ver: 05/06 2024

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Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

8/19/2025

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
S - H2SO4
A - HCL
B - NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Preservation Code:	N	Total Number of containers	Special Instructions/Note: All Samples dropped off on ice in addition to the preservation code.
TMW-22 (55-60)	8/8/25	16:52	C	Soil		X	1	
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				
			C	Soil				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	08/09/25 0433			8/9/25 1800	
Relinquished by:	8/11/25 1010			Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	8/11 10 2C	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: TMW22 -0.2 5.4 5.2

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8613-1

Login Number: 8613 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8613-1

Login Number: 8613
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 08/12/25 12:44 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8613-1

Login Number: 8613
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 08/12/25 09:46 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/19/2025 10:14:34 PM Revision 1

JOB DESCRIPTION

EBDU 37

JOB NUMBER

890-8575-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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Eurofins Carlsbad

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/19/2025 10:14:34 PM
Revision 1

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project: EBDU 37

Job ID: 890-8575-1 Eurofins Carlsbad

Job Narrative
890-8575-1

REVISION

The report being provided is a revision of the original report sent on 8/14/2025. The report (revision 1) is being revised due to Revised report to re-run possible lab contamination..

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

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

Receipt
The samples were received on 8/6/2025 10:58 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW - 42 (0-5) (890-8575-1), TMW - 42 (5-10) (890-8575-2), TMW - 42 (10-15) (890-8575-3), TMW - 42 (15-20) (890-8575-4), TMW - 42 (20-25) (890-8575-5), TMW - 42 (25-30) (890-8575-6), TMW - 42 (30-35) (890-8575-7), TMW - 42 (35-40) (890-8575-8), TMW - 42 (40-45) (890-8575-9), TMW - 42 (45-50) (890-8575-10), TMW - 42 (50-55) (890-8575-11), TMW - 42 (55-60) (890-8575-12) and (890-8575-13).

GC/MS VOA
Method 8260D: Sample is in a bulk jar.

TMW - 42 (10-15) (890-8575-3), TMW - 42 (15-20) (890-8575-4), TMW - 42 (20-25) (890-8575-5), TMW - 42 (25-30) (890-8575-6), TMW - 42 (30-35) (890-8575-7), TMW - 42 (35-40) (890-8575-8), TMW - 42 (40-45) (890-8575-9), TMW - 42 (45-50) (890-8575-10), TMW - 42 (50-55) (890-8575-11), TMW - 42 (55-60) (890-8575-12), (890-8583-B-10-A) and (890-8583-A-10-C MS)

Method 8260D: Sample failed ISTD twice so methanol was used for analysis.

TMW - 42 (40-45) (890-8575-9) and (890-8575-B-9-B MS)

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

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116032 and analytical batch 880-116451 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-116005/2-A) and (LCSD 880-116005/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-116005 and analytical batch 880-116445 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-116005 and analytical batch 880-116445 contained Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project: EBDU 37

Job ID: 890-8575-1 (Continued) Eurofins Carlsbad

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-116032/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116032 and analytical batch 880-116451 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The method blank for preparation batch 880-116032 and analytical batch 880-116451 contained Diesel Range Organics (Over C10-C28) and Oil Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (0-5)

Lab Sample ID: 890-8575-1
Matrix: Solid
Date Collected: 08/05/25 16:04
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 20:45	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/07/25 15:08*	*08/07/25 20:45*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/07/25 15:08*	*08/07/25 20:45*	*1*
Dibromofluoromethane (Surr)	*89*		*53 - 142*	*08/07/25 15:08*	*08/07/25 20:45*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/07/25 20:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 20:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 23:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/06/25 14:04	08/12/25 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:23*	*1*
o-Terphenyl	*92*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.3**		10.0	0.397	mg/Kg			08/08/25 15:43	1

Client Sample ID: TMW - 42 (5-10)

Lab Sample ID: 890-8575-2
Matrix: Solid
Date Collected: 08/05/25 16:08
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/07/25 21:09	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/07/25 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/07/25 15:08*	*08/07/25 21:09*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Client Sample ID: TMW - 42 (5-10) Lab Sample ID: 890-8575-2

Date Collected: 08/05/25 16:08 **Matrix: Solid**
Date Received: 08/06/25 10:58

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/07/25 21:09*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/07/25 15:08*	*08/07/25 21:09*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*	*08/07/25 15:08*	*08/07/25 21:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/07/25 21:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 23:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 23:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 23:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/06/25 14:04	08/12/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*84*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:37*	*1*
o-Terphenyl	*97*		*70 - 130*	*08/06/25 14:04*	*08/12/25 23:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.0**		9.92	0.392	mg/Kg			08/08/25 15:49	1

Client Sample ID: TMW - 42 (10-15) Lab Sample ID: 890-8575-3

Date Collected: 08/05/25 16:10 **Matrix: Solid**
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
Toluene	<0.00504	U	0.00504	0.00122	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
m,p-Xylenes	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/07/25 15:08	08/07/25 21:33	1
Xylenes, Total	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/07/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*56 - 150*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*56 - 150*	*08/07/25 15:08*	*08/08/25 16:13*	*1*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
4-Bromofluorobenzene (Surr)	*97*		*68 - 152*	*08/07/25 15:08*	*08/08/25 16:13*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
Dibromofluoromethane (Surr)	*100*		*53 - 142*	*08/07/25 15:08*	*08/08/25 16:13*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/07/25 21:33*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/07/25 15:08*	*08/08/25 16:13*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (10-15)

Lab Sample ID: 890-8575-3
Matrix: Solid
Date Collected: 08/05/25 16:10
Date Received: 08/06/25 10:58

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000436	mg/Kg			08/07/25 21:33	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 18:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 18:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		08/07/25 08:10	08/12/25 18:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/07/25 08:10*	*08/12/25 18:22*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/07/25 08:10*	*08/12/25 18:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.49**	**J**	9.96	0.393	mg/Kg			08/09/25 23:08	1

Client Sample ID: TMW - 42 (15-20)

Lab Sample ID: 890-8575-4
Matrix: Solid
Date Collected: 08/05/25 16:20
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00101	U	0.00101	0.000386	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
Toluene	<0.00504	U	0.00504	0.00122	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
Ethylbenzene	<0.00101	U	0.00101	0.000307	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
m,p-Xylenes	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
o-Xylene	<0.00101	U	0.00101	0.000319	mg/Kg		08/07/25 15:08	08/08/25 16:37	1
Xylenes, Total	<0.00202	U	0.00202	0.000436	mg/Kg		08/07/25 15:08	08/08/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*56 - 150*	*08/07/25 15:08*	*08/08/25 16:37*	*1*
4-Bromofluorobenzene (Surr)	*93*		*68 - 152*	*08/07/25 15:08*	*08/08/25 16:37*	*1*
Dibromofluoromethane (Surr)	*98*		*53 - 142*	*08/07/25 15:08*	*08/08/25 16:37*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/07/25 15:08*	*08/08/25 16:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00202	U	0.00202	0.000436	mg/Kg			08/08/25 16:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 19:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:11	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (15-20)

Lab Sample ID: 890-8575-4
Matrix: Solid
Date Collected: 08/05/25 16:20
Date Received: 08/06/25 10:58

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:11*	*1*
o-Terphenyl	*87*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.46**	**J**	10.1	0.398	mg/Kg			08/09/25 23:16	1

Client Sample ID: TMW - 42 (20-25)

Lab Sample ID: 890-8575-5
Matrix: Solid
Date Collected: 08/05/25 16:22
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg		08/07/25 15:08	08/08/25 12:57	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg		08/07/25 15:08	08/08/25 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*56 - 150*	*08/07/25 15:08*	*08/08/25 12:57*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/07/25 15:08*	*08/08/25 12:57*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*08/07/25 15:08*	*08/08/25 12:57*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*	*08/07/25 15:08*	*08/08/25 12:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000433	mg/Kg			08/08/25 12:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 19:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:27*	*1*
o-Terphenyl	*90*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:27*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Client Sample ID: TMW - 42 (20-25) Lab Sample ID: 890-8575-5
Date Collected: 08/05/25 16:22 **Matrix: Solid**
Date Received: 08/06/25 10:58

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.70	J	10.1	0.399	mg/Kg			08/09/25 23:24	1

Client Sample ID: TMW - 42 (25-30) Lab Sample ID: 890-8575-6
Date Collected: 08/05/25 16:24 **Matrix: Solid**
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000996	U	0.000996	0.000381	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
Toluene	<0.00498	U	0.00498	0.00121	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
Ethylbenzene	<0.000996	U	0.000996	0.000303	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
m,p-Xylenes	<0.00199	U	0.00199	0.000431	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
o-Xylene	<0.000996	U	0.000996	0.000315	mg/Kg		08/07/25 15:08	08/08/25 13:21	1
Xylenes, Total	<0.00199	U	0.00199	0.000431	mg/Kg		08/07/25 15:08	08/08/25 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*	*08/07/25 15:08*	*08/08/25 13:21*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*	*08/07/25 15:08*	*08/08/25 13:21*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/07/25 15:08*	*08/08/25 13:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/07/25 15:08*	*08/08/25 13:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000431	mg/Kg			08/08/25 13:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 19:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 19:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:43*	*1*
o-Terphenyl	*101*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.73	J	10.1	0.397	mg/Kg			08/09/25 23:31	1

Client Sample ID: TMW - 42 (30-35) Lab Sample ID: 890-8575-7
Date Collected: 08/05/25 16:25 **Matrix: Solid**
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:08	08/08/25 13:45	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (30-35)

Date Collected: 08/05/25 16:25
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:08	08/08/25 13:45	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:08	08/08/25 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*56 - 150*	*08/07/25 15:08*	*08/08/25 13:45*	*1*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*	*08/07/25 15:08*	*08/08/25 13:45*	*1*
Dibromofluoromethane (Surr)	*90*		*53 - 142*	*08/07/25 15:08*	*08/08/25 13:45*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:08*	*08/08/25 13:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/08/25 13:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 19:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:59*	*1*
o-Terphenyl	*87*		*70 - 130*	*08/07/25 08:10*	*08/12/25 19:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.86**	**J**	10.1	0.398	mg/Kg			08/09/25 23:54	1

Client Sample ID: TMW - 42 (35-40)

Date Collected: 08/05/25 16:28
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000998	U	0.000998	0.000382	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
Toluene	<0.00499	U	0.00499	0.00121	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
Ethylbenzene	<0.000998	U	0.000998	0.000304	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
m,p-Xylenes	<0.00200	U	0.00200	0.000432	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
o-Xylene	<0.000998	U	0.000998	0.000315	mg/Kg		08/07/25 15:09	08/08/25 14:08	1
Xylenes, Total	<0.00200	U	0.00200	0.000432	mg/Kg		08/07/25 15:09	08/08/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*56 - 150*	*08/07/25 15:09*	*08/08/25 14:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/07/25 15:09*	*08/08/25 14:08*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Client Sample ID: TMW - 42 (35-40) Lab Sample ID: 890-8575-8

Date Collected: 08/05/25 16:28 **Matrix: Solid**
Date Received: 08/06/25 10:58

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*53 - 142*	*08/07/25 15:09*	*08/08/25 14:08*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*	*08/07/25 15:09*	*08/08/25 14:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00200	U	0.00200	0.000432	mg/Kg			08/08/25 14:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 20:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/25 08:10	08/12/25 20:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/25 08:10	08/12/25 20:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/25 08:10	08/12/25 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:16*	*1*
o-Terphenyl	*103*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.36**	**J**	9.98	0.394	mg/Kg			08/10/25 00:02	1

Client Sample ID: TMW - 42 (40-45) Lab Sample ID: 890-8575-9

Date Collected: 08/05/25 16:30 **Matrix: Solid**
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0503	U	0.0503	0.0192	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
Toluene	<0.252	U	0.252	0.0609	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
Ethylbenzene	<0.0503	U	0.0503	0.0153	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
m,p-Xylenes	<0.101	U	0.101	0.0218	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
o-Xylene	<0.0503	U	0.0503	0.0159	mg/Kg		08/13/25 10:12	08/13/25 11:47	50
Xylenes, Total	<0.101	U	0.101	0.0218	mg/Kg		08/13/25 10:12	08/13/25 11:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/13/25 10:12*	*08/13/25 11:47*	*50*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*	*08/13/25 10:12*	*08/13/25 11:47*	*50*
Dibromofluoromethane (Surr)	*85*		*53 - 142*	*08/13/25 10:12*	*08/13/25 11:47*	*50*
Toluene-d8 (Surr)	*94*		*70 - 130*	*08/13/25 10:12*	*08/13/25 11:47*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.101	U	0.101	0.0218	mg/Kg			08/13/25 11:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (40-45)

Lab Sample ID: 890-8575-9
Matrix: Solid
Date Collected: 08/05/25 16:30
Date Received: 08/06/25 10:58

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 20:32	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 20:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 20:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:32*	*1*
o-Terphenyl	*102*		*70 - 130*	*08/07/25 08:10*	*08/12/25 20:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.22**	**J**	10.0	0.397	mg/Kg			08/10/25 00:25	1

Client Sample ID: TMW - 42 (45-50)

Lab Sample ID: 890-8575-10
Matrix: Solid
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000994	U	0.000994	0.000380	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
Toluene	<0.00497	U	0.00497	0.00120	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
Ethylbenzene	<0.000994	U	0.000994	0.000303	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
m,p-Xylenes	<0.00199	U	0.00199	0.000430	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
o-Xylene	<0.000994	U	0.000994	0.000314	mg/Kg		08/07/25 15:09	08/08/25 14:56	1
Xylenes, Total	<0.00199	U	0.00199	0.000430	mg/Kg		08/07/25 15:09	08/08/25 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*	*08/07/25 15:09*	*08/08/25 14:56*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/07/25 15:09*	*08/08/25 14:56*	*1*
Dibromofluoromethane (Surr)	*97*		*53 - 142*	*08/07/25 15:09*	*08/08/25 14:56*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*	*08/07/25 15:09*	*08/08/25 14:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00199	U	0.00199	0.000430	mg/Kg			08/08/25 14:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 20:48	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 20:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 20:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 20:48	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (45-50)

Lab Sample ID: 890-8575-10
Matrix: Solid
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	08/07/25 08:10	08/12/25 20:48	1
o-Terphenyl	104		70 - 130	08/07/25 08:10	08/12/25 20:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.3		10.1	0.399	mg/Kg			08/10/25 00:32	1

Client Sample ID: TMW - 42 (50-55)

Lab Sample ID: 890-8575-11
Matrix: Solid
Date Collected: 08/05/25 16:35
Date Received: 08/06/25 10:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000384	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
Toluene	<0.00502	U	0.00502	0.00122	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
Ethylbenzene	<0.00100	U	0.00100	0.000306	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
m,p-Xylenes	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
o-Xylene	<0.00100	U	0.00100	0.000317	mg/Kg		08/07/25 15:09	08/08/25 15:20	1
Xylenes, Total	<0.00201	U	0.00201	0.000435	mg/Kg		08/07/25 15:09	08/08/25 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		56 - 150	08/07/25 15:09	08/08/25 15:20	1
4-Bromofluorobenzene (Surr)	96		68 - 152	08/07/25 15:09	08/08/25 15:20	1
Dibromofluoromethane (Surr)	95		53 - 142	08/07/25 15:09	08/08/25 15:20	1
Toluene-d8 (Surr)	95		70 - 130	08/07/25 15:09	08/08/25 15:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00201	U	0.00201	0.000435	mg/Kg			08/08/25 15:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 21:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 21:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 21:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 08:10	08/12/25 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	08/07/25 08:10	08/12/25 21:03	1
o-Terphenyl	102		70 - 130	08/07/25 08:10	08/12/25 21:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.1		10.1	0.398	mg/Kg			08/10/25 00:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (55-60)

Date Collected: 08/05/25 16:38
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-12

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000986	U	0.000986	0.000377	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
Toluene	<0.00493	U	0.00493	0.00119	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
Ethylbenzene	<0.000986	U	0.000986	0.000300	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
m,p-Xylenes	<0.00197	U	0.00197	0.000427	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
o-Xylene	<0.000986	U	0.000986	0.000312	mg/Kg		08/07/25 15:09	08/08/25 15:44	1
Xylenes, Total	<0.00197	U	0.00197	0.000427	mg/Kg		08/07/25 15:09	08/08/25 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*56 - 150*	*08/07/25 15:09*	*08/08/25 15:44*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*	*08/07/25 15:09*	*08/08/25 15:44*	*1*
Dibromofluoromethane (Surr)	*93*		*53 - 142*	*08/07/25 15:09*	*08/08/25 15:44*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*	*08/07/25 15:09*	*08/08/25 15:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00197	U	0.00197	0.000427	mg/Kg			08/08/25 15:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 21:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 21:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 21:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*08/07/25 08:10*	*08/12/25 21:19*	*1*
o-Terphenyl	*98*		*70 - 130*	*08/07/25 08:10*	*08/12/25 21:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.8**		10.0	0.396	mg/Kg			08/10/25 00:48	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(56-150)	(68-152)	(53-142)	(70-130)
890-8575-1	TMW - 42 (0-5)	98	95	89	99
890-8575-2	TMW - 42 (5-10)	101	97	90	96
890-8575-3	TMW - 42 (10-15)	95	99	92	99
890-8575-3	TMW - 42 (10-15)	108	97	100	94
890-8575-4	TMW - 42 (15-20)	115	93	98	97
890-8575-5	TMW - 42 (20-25)	107	95	93	98
890-8575-6	TMW - 42 (25-30)	98	101	90	101
890-8575-7	TMW - 42 (30-35)	104	95	90	99
890-8575-8	TMW - 42 (35-40)	105	94	95	97
890-8575-9	TMW - 42 (40-45)	101	99	85	94
890-8575-9 MS	TMW - 42 (40-45)	103	96	100	104
890-8575-10	TMW - 42 (45-50)	101	94	97	101
890-8575-11	TMW - 42 (50-55)	108	96	95	95
890-8575-12	TMW - 42 (55-60)	112	94	93	99
LCS 860-253646/3	Lab Control Sample	101	101	100	100
LCS 860-253912/3	Lab Control Sample	101	103	91	100
LCS 860-254795/3	Lab Control Sample	98	94	97	104
LCSD 860-253646/4	Lab Control Sample Dup	102	99	97	100
LCSD 860-253912/4	Lab Control Sample Dup	97	105	91	102
LCSD 860-254795/4	Lab Control Sample Dup	97	95	98	103
MB 860-253646/8	Method Blank	100	96	99	96
MB 860-253912/8	Method Blank	103	94	92	107
MB 860-254795/7	Method Blank	90	96	81	95

Surrogate Legend

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

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-8575-1	TMW - 42 (0-5)	81	92
890-8575-2	TMW - 42 (5-10)	84	97
890-8575-3	TMW - 42 (10-15)	111	101
890-8575-3 MS	TMW - 42 (10-15)	90	91
890-8575-3 MSD	TMW - 42 (10-15)	123	103
890-8575-4	TMW - 42 (15-20)	93	87
890-8575-5	TMW - 42 (20-25)	96	90
890-8575-6	TMW - 42 (25-30)	112	101
890-8575-7	TMW - 42 (30-35)	96	87
890-8575-8	TMW - 42 (35-40)	111	103
890-8575-9	TMW - 42 (40-45)	118	102
890-8575-10	TMW - 42 (45-50)	113	104
890-8575-11	TMW - 42 (50-55)	113	102
890-8575-12	TMW - 42 (55-60)	111	98

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCS 880-116005/2-A	Lab Control Sample	137 S1+	143 S1+								
LCS 880-116032/2-A	Lab Control Sample	133 S1+	130								
LCSD 880-116005/3-A	Lab Control Sample Dup	138 S1+	144 S1+								
LCSD 880-116032/3-A	Lab Control Sample Dup	123	124								
MB 880-116005/1-A	Method Blank	129	144 S1+								
MB 880-116032/1-A	Method Blank	139 S1+	129								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: MB 860-253646/8
Matrix: Solid
Analysis Batch: 253646

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/07/25 12:47	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/07/25 12:47	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/07/25 12:47	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/07/25 12:47	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/07/25 12:47	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/07/25 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*56 - 150*		*08/07/25 12:47*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/07/25 12:47*	*1*
Dibromofluoromethane (Surr)	*99*		*53 - 142*		*08/07/25 12:47*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/07/25 12:47*	*1*

Lab Sample ID: LCS 860-253646/3
Matrix: Solid
Analysis Batch: 253646

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04078		mg/Kg		82	66 - 142		
Toluene			0.0500	0.03991		mg/Kg		80	74 - 130		
Ethylbenzene			0.0500	0.04611		mg/Kg		92	80 - 130		
m,p-Xylenes			0.0500	0.04687		mg/Kg		94	78 - 130		
o-Xylene			0.0500	0.04748		mg/Kg		95	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*101*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-253646/4
Matrix: Solid
Analysis Batch: 253646

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.03938		mg/Kg		79	66 - 142	3	25
Toluene			0.0500	0.03910		mg/Kg		78	74 - 130	2	25
Ethylbenzene			0.0500	0.04539		mg/Kg		91	80 - 130	2	25
m,p-Xylenes			0.0500	0.04562		mg/Kg		91	78 - 130	3	25
o-Xylene			0.0500	0.04704		mg/Kg		94	79 - 130	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*56 - 150*
4-Bromofluorobenzene (Surr)	*99*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: MB 860-253912/8
Matrix: Solid
Analysis Batch: 253912

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/08/25 12:33	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/08/25 12:33	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/08/25 12:33	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/08/25 12:33	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/08/25 12:33	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/08/25 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*		*08/08/25 12:33*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*		*08/08/25 12:33*	*1*
Dibromofluoromethane (Surr)	*92*		*53 - 142*		*08/08/25 12:33*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*08/08/25 12:33*	*1*

Lab Sample ID: LCS 860-253912/3
Matrix: Solid
Analysis Batch: 253912

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.05072		mg/Kg		101	66 - 142		
Toluene			0.0500	0.05360		mg/Kg		107	74 - 130		
Ethylbenzene			0.0500	0.05758		mg/Kg		115	80 - 130		
m,p-Xylenes			0.0500	0.05921		mg/Kg		118	78 - 130		
o-Xylene			0.0500	0.05702		mg/Kg		114	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*56 - 150*
4-Bromofluorobenzene (Surr)	*103*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 860-253912/4
Matrix: Solid
Analysis Batch: 253912

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04663		mg/Kg		93	66 - 142	8	25
Toluene			0.0500	0.04848		mg/Kg		97	74 - 130	10	25
Ethylbenzene			0.0500	0.05302		mg/Kg		106	80 - 130	8	25
m,p-Xylenes			0.0500	0.05368		mg/Kg		107	78 - 130	10	25
o-Xylene			0.0500	0.05226		mg/Kg		105	79 - 130	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*105*		*68 - 152*
Dibromofluoromethane (Surr)	*91*		*53 - 142*
Toluene-d8 (Surr)	*102*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: MB 860-254795/7
Matrix: Solid
Analysis Batch: 254795

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00100	U	0.00100	0.000383	mg/Kg			08/13/25 10:37	1
Toluene	<0.00500	U	0.00500	0.00121	mg/Kg			08/13/25 10:37	1
Ethylbenzene	<0.00100	U	0.00100	0.000304	mg/Kg			08/13/25 10:37	1
m,p-Xylenes	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1
o-Xylene	<0.00100	U	0.00100	0.000316	mg/Kg			08/13/25 10:37	1
Xylenes, Total	<0.00200	U	0.00200	0.000433	mg/Kg			08/13/25 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*56 - 150*		*08/13/25 10:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*		*08/13/25 10:37*	*1*
Dibromofluoromethane (Surr)	*81*		*53 - 142*		*08/13/25 10:37*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/13/25 10:37*	*1*

Lab Sample ID: LCS 860-254795/3
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.0500	0.04456		mg/Kg		89	66 - 142		
Toluene			0.0500	0.04481		mg/Kg		90	74 - 130		
Ethylbenzene			0.0500	0.04839		mg/Kg		97	80 - 130		
m,p-Xylenes			0.0500	0.04797		mg/Kg		96	78 - 130		
o-Xylene			0.0500	0.04903		mg/Kg		98	79 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*56 - 150*
4-Bromofluorobenzene (Surr)	*94*		*68 - 152*
Dibromofluoromethane (Surr)	*97*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 860-254795/4
Matrix: Solid
Analysis Batch: 254795

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.0500	0.04927		mg/Kg		99	66 - 142	10	25
Toluene			0.0500	0.04846		mg/Kg		97	74 - 130	8	25
Ethylbenzene			0.0500	0.05133		mg/Kg		103	80 - 130	6	25
m,p-Xylenes			0.0500	0.05166		mg/Kg		103	78 - 130	7	25
o-Xylene			0.0500	0.05294		mg/Kg		106	79 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*56 - 150*
4-Bromofluorobenzene (Surr)	*95*		*68 - 152*
Dibromofluoromethane (Surr)	*98*		*53 - 142*
Toluene-d8 (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

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

Lab Sample ID: 890-8575-9 MS
Matrix: Solid
Analysis Batch: 254795

Client Sample ID: TMW - 42 (40-45)
Prep Type: Total/NA
Prep Batch: 254844

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.0503	U	2.52	2.683		mg/Kg		107	71 - 119
Toluene	<0.252	U	2.52	2.617		mg/Kg		104	74 - 122
Ethylbenzene	<0.0503	U	2.52	2.816		mg/Kg		112	80 - 123
m,p-Xylenes	<0.101	U	2.52	2.833		mg/Kg		113	78 - 127
o-Xylene	<0.0503	U	2.52	2.897		mg/Kg		115	79 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*56 - 150*
4-Bromofluorobenzene (Surr)	*96*		*68 - 152*
Dibromofluoromethane (Surr)	*100*		*53 - 142*
Toluene-d8 (Surr)	*104*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-116005/1-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116005

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/06/25 14:04	08/12/25 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/06/25 14:04	08/12/25 16:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/06/25 14:04	08/12/25 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*08/06/25 14:04*	*08/12/25 16:58*	*1*
o-Terphenyl	*144*	*S1+*	*70 - 130*	*08/06/25 14:04*	*08/12/25 16:58*	*1*

Lab Sample ID: LCS 880-116005/2-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116005

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1087		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	931.3		mg/Kg		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*137*	*S1+*	*70 - 130*
o-Terphenyl	*143*	*S1+*	*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116005/3-A
Matrix: Solid
Analysis Batch: 116445

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116005

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1082		mg/Kg		108	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	965.7		mg/Kg		97	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*138*	*S1+*	*70 - 130*
o-Terphenyl	*144*	*S1+*	*70 - 130*

Lab Sample ID: MB 880-116032/1-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116032

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 17:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 17:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 08:10	08/12/25 17:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*139*	*S1+*	*70 - 130*	*08/07/25 08:10*	*08/12/25 17:32*	*1*
o-Terphenyl	*129*		*70 - 130*	*08/07/25 08:10*	*08/12/25 17:32*	*1*

Lab Sample ID: LCS 880-116032/2-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 116032

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1159		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1113		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*133*	*S1+*	*70 - 130*
o-Terphenyl	*130*		*70 - 130*

Lab Sample ID: LCSD 880-116032/3-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116032

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1113		mg/Kg		111	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1042		mg/Kg		104	70 - 130	7	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-116032/3-A
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 116032

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	124		70 - 130

Lab Sample ID: 890-8575-3 MS
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: TMW - 42 (10-15)
Prep Type: Total/NA
Prep Batch: 116032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	737.0		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	670.6	F1	mg/Kg		66	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-8575-3 MSD
Matrix: Solid
Analysis Batch: 116451

Client Sample ID: TMW - 42 (10-15)
Prep Type: Total/NA
Prep Batch: 116032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	844.0		mg/Kg		85	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	750.4		mg/Kg		74	70 - 130	11	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	123		70 - 130
o-Terphenyl	103		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116079/1-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/08/25 12:59	1

Lab Sample ID: LCS 880-116079/2-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	230.6		mg/Kg		92	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-116079/3-A
Matrix: Solid
Analysis Batch: 116188

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	231.1		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-116111/1-A
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	0.395	mg/Kg			08/09/25 21:22	1

Lab Sample ID: LCS 880-116111/2-A
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	253.8		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-116111/3-A
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-8575-6 MS
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: TMW - 42 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2.73	J	252	273.3		mg/Kg		108	90 - 110		

Lab Sample ID: 890-8575-6 MSD
Matrix: Solid
Analysis Batch: 116248

Client Sample ID: TMW - 42 (25-30)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.73	J	252	271.7		mg/Kg		107	90 - 110	1	20

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

GC/MS VOA

Analysis Batch: 253646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8260D	253802
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8260D	253802
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8260D	253802
MB 860-253646/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-253646/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-253646/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 253802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	5035	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	5035	
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	5035	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	5035	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	5035	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	5035	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	5035	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	5035	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	5035	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	5035	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	5035	

Analysis Batch: 253912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8260D	253802
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8260D	253802
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8260D	253802
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8260D	253802
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8260D	253802
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8260D	253802
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8260D	253802
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8260D	253802
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8260D	253802
MB 860-253912/8	Method Blank	Total/NA	Solid	8260D	
LCS 860-253912/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-253912/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 253972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	Total BTEX	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	Total BTEX	
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	Total BTEX	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	Total BTEX	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	Total BTEX	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	Total BTEX	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	Total BTEX	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	Total BTEX	
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	Total BTEX	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	Total BTEX	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	Total BTEX	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

GC/MS VOA

Analysis Batch: 254795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8260D	254844
MB 860-254795/7	Method Blank	Total/NA	Solid	8260D	
LCS 860-254795/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 860-254795/4	Lab Control Sample Dup	Total/NA	Solid	8260D	
890-8575-9 MS	TMW - 42 (40-45)	Total/NA	Solid	8260D	254844

Prep Batch: 254844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	5035	
890-8575-9 MS	TMW - 42 (40-45)	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 116005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8015NM Prep	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8015NM Prep	
MB 880-116005/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116005/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 116032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8015NM Prep	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8015NM Prep	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8015NM Prep	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8015NM Prep	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8015NM Prep	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8015NM Prep	
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8015NM Prep	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8015NM Prep	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8015NM Prep	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8015NM Prep	
MB 880-116032/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116032/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8575-3 MS	TMW - 42 (10-15)	Total/NA	Solid	8015NM Prep	
890-8575-3 MSD	TMW - 42 (10-15)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8015B NM	116005
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8015B NM	116005
MB 880-116005/1-A	Method Blank	Total/NA	Solid	8015B NM	116005
LCS 880-116005/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116005
LCSD 880-116005/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116005

Analysis Batch: 116451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8015B NM	116032
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8015B NM	116032

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

GC Semi VOA (Continued)

Analysis Batch: 116451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8015B NM	116032
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8015B NM	116032
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8015B NM	116032
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8015B NM	116032
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8015B NM	116032
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8015B NM	116032
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8015B NM	116032
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8015B NM	116032
MB 880-116032/1-A	Method Blank	Total/NA	Solid	8015B NM	116032
LCS 880-116032/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116032
LCSD 880-116032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116032
890-8575-3 MS	TMW - 42 (10-15)	Total/NA	Solid	8015B NM	116032
890-8575-3 MSD	TMW - 42 (10-15)	Total/NA	Solid	8015B NM	116032

Analysis Batch: 116630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Total/NA	Solid	8015 NM	
890-8575-2	TMW - 42 (5-10)	Total/NA	Solid	8015 NM	
890-8575-3	TMW - 42 (10-15)	Total/NA	Solid	8015 NM	
890-8575-4	TMW - 42 (15-20)	Total/NA	Solid	8015 NM	
890-8575-5	TMW - 42 (20-25)	Total/NA	Solid	8015 NM	
890-8575-6	TMW - 42 (25-30)	Total/NA	Solid	8015 NM	
890-8575-7	TMW - 42 (30-35)	Total/NA	Solid	8015 NM	
890-8575-8	TMW - 42 (35-40)	Total/NA	Solid	8015 NM	
890-8575-9	TMW - 42 (40-45)	Total/NA	Solid	8015 NM	
890-8575-10	TMW - 42 (45-50)	Total/NA	Solid	8015 NM	
890-8575-11	TMW - 42 (50-55)	Total/NA	Solid	8015 NM	
890-8575-12	TMW - 42 (55-60)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Soluble	Solid	DI Leach	
890-8575-2	TMW - 42 (5-10)	Soluble	Solid	DI Leach	
MB 880-116079/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116079/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116079/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 116111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Soluble	Solid	DI Leach	
890-8575-4	TMW - 42 (15-20)	Soluble	Solid	DI Leach	
890-8575-5	TMW - 42 (20-25)	Soluble	Solid	DI Leach	
890-8575-6	TMW - 42 (25-30)	Soluble	Solid	DI Leach	
890-8575-7	TMW - 42 (30-35)	Soluble	Solid	DI Leach	
890-8575-8	TMW - 42 (35-40)	Soluble	Solid	DI Leach	
890-8575-9	TMW - 42 (40-45)	Soluble	Solid	DI Leach	
890-8575-10	TMW - 42 (45-50)	Soluble	Solid	DI Leach	
890-8575-11	TMW - 42 (50-55)	Soluble	Solid	DI Leach	
890-8575-12	TMW - 42 (55-60)	Soluble	Solid	DI Leach	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

HPLC/IC (Continued)

Leach Batch: 116111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-116111/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116111/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116111/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8575-6 MS	TMW - 42 (25-30)	Soluble	Solid	DI Leach	
890-8575-6 MSD	TMW - 42 (25-30)	Soluble	Solid	DI Leach	

Analysis Batch: 116188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-1	TMW - 42 (0-5)	Soluble	Solid	300.0	116079
890-8575-2	TMW - 42 (5-10)	Soluble	Solid	300.0	116079
MB 880-116079/1-A	Method Blank	Soluble	Solid	300.0	116079
LCS 880-116079/2-A	Lab Control Sample	Soluble	Solid	300.0	116079
LCSD 880-116079/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116079

Analysis Batch: 116248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8575-3	TMW - 42 (10-15)	Soluble	Solid	300.0	116111
890-8575-4	TMW - 42 (15-20)	Soluble	Solid	300.0	116111
890-8575-5	TMW - 42 (20-25)	Soluble	Solid	300.0	116111
890-8575-6	TMW - 42 (25-30)	Soluble	Solid	300.0	116111
890-8575-7	TMW - 42 (30-35)	Soluble	Solid	300.0	116111
890-8575-8	TMW - 42 (35-40)	Soluble	Solid	300.0	116111
890-8575-9	TMW - 42 (40-45)	Soluble	Solid	300.0	116111
890-8575-10	TMW - 42 (45-50)	Soluble	Solid	300.0	116111
890-8575-11	TMW - 42 (50-55)	Soluble	Solid	300.0	116111
890-8575-12	TMW - 42 (55-60)	Soluble	Solid	300.0	116111
MB 880-116111/1-A	Method Blank	Soluble	Solid	300.0	116111
LCS 880-116111/2-A	Lab Control Sample	Soluble	Solid	300.0	116111
LCSD 880-116111/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116111
890-8575-6 MS	TMW - 42 (25-30)	Soluble	Solid	300.0	116111
890-8575-6 MSD	TMW - 42 (25-30)	Soluble	Solid	300.0	116111

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (0-5)
Date Collected: 08/05/25 16:04
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 20:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/07/25 20:45	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 23:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116079	08/07/25 10:35	SMC	EET MID
Soluble	Analysis	300.0		1			116188	08/08/25 15:43	CS	EET MID

Client Sample ID: TMW - 42 (5-10)
Date Collected: 08/05/25 16:08
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 21:09	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/07/25 21:09	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 23:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116005	08/06/25 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116445	08/12/25 23:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116079	08/07/25 10:35	SMC	EET MID
Soluble	Analysis	300.0		1			116188	08/08/25 15:49	CS	EET MID

Client Sample ID: TMW - 42 (10-15)
Date Collected: 08/05/25 16:10
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253646	08/07/25 21:33	MTMG	EET HOU
Total/NA	Prep	5035			4.96 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 16:13	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/07/25 21:33	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 18:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 18:22	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:08	CS	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (15-20)
Date Collected: 08/05/25 16:20
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 16:37	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 16:37	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:16	CS	EET MID

Client Sample ID: TMW - 42 (20-25)
Date Collected: 08/05/25 16:22
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 12:57	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 12:57	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:27	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:24	CS	EET MID

Client Sample ID: TMW - 42 (25-30)
Date Collected: 08/05/25 16:24
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 13:21	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 13:21	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:43	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:31	CS	EET MID

Client Sample ID: TMW - 42 (30-35)
Date Collected: 08/05/25 16:25
Date Received: 08/06/25 10:58

Lab Sample ID: 890-8575-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:08	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 13:45	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 13:45	RJT	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (30-35)

Lab Sample ID: 890-8575-7
Matrix: Solid
Date Collected: 08/05/25 16:25
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116630	08/12/25 19:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 19:59	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/09/25 23:54	CS	EET MID

Client Sample ID: TMW - 42 (35-40)

Lab Sample ID: 890-8575-8
Matrix: Solid
Date Collected: 08/05/25 16:28
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 14:08	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 14:08	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 20:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 20:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:02	CS	EET MID

Client Sample ID: TMW - 42 (40-45)

Lab Sample ID: 890-8575-9
Matrix: Solid
Date Collected: 08/05/25 16:30
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	254844	08/13/25 10:12	MTMG	EET HOU
Total/NA	Analysis	8260D		50	5 mL	5 mL	254795	08/13/25 11:47	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/13/25 11:47	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 20:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 20:32	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:25	CS	EET MID

Client Sample ID: TMW - 42 (45-50)

Lab Sample ID: 890-8575-10
Matrix: Solid
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 14:56	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 14:56	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 20:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 20:48	TKC	EET MID

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Client Sample ID: TMW - 42 (45-50)

Lab Sample ID: 890-8575-10
Matrix: Solid
Date Collected: 08/05/25 16:32
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:32	CS	EET MID

Client Sample ID: TMW - 42 (50-55)

Lab Sample ID: 890-8575-11
Matrix: Solid
Date Collected: 08/05/25 16:35
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 15:20	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 15:20	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 21:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 21:03	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:40	CS	EET MID

Client Sample ID: TMW - 42 (55-60)

Lab Sample ID: 890-8575-12
Matrix: Solid
Date Collected: 08/05/25 16:38
Date Received: 08/06/25 10:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.07 g	5 mL	253802	08/07/25 15:09	MTMG	EET HOU
Total/NA	Analysis	8260D		1	5 mL	5 mL	253912	08/08/25 15:44	MTMG	EET HOU
Total/NA	Analysis	Total BTEX		1			253972	08/08/25 15:44	RJT	EET HOU
Total/NA	Analysis	8015 NM		1			116630	08/12/25 21:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116032	08/07/25 08:10	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116451	08/12/25 21:19	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	116111	08/07/25 11:00	SMC	EET MID
Soluble	Analysis	300.0		1			116248	08/10/25 00:48	CS	EET MID

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 890-8575-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Solid	Total BTEX

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
Total BTEX	Total BTEX Calculation	TAL SOP	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET HOU
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 890-8575-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8575-1	TMW - 42 (0-5)	Solid	08/05/25 16:04	08/06/25 10:58	Texas
890-8575-2	TMW - 42 (5-10)	Solid	08/05/25 16:08	08/06/25 10:58	Texas
890-8575-3	TMW - 42 (10-15)	Solid	08/05/25 16:10	08/06/25 10:58	Texas
890-8575-4	TMW - 42 (15-20)	Solid	08/05/25 16:20	08/06/25 10:58	Texas
890-8575-5	TMW - 42 (20-25)	Solid	08/05/25 16:22	08/06/25 10:58	Texas
890-8575-6	TMW - 42 (25-30)	Solid	08/05/25 16:24	08/06/25 10:58	Texas
890-8575-7	TMW - 42 (30-35)	Solid	08/05/25 16:25	08/06/25 10:58	Texas
890-8575-8	TMW - 42 (35-40)	Solid	08/05/25 16:28	08/06/25 10:58	Texas
890-8575-9	TMW - 42 (40-45)	Solid	08/05/25 16:30	08/06/25 10:58	Texas
890-8575-10	TMW - 42 (45-50)	Solid	08/05/25 16:32	08/06/25 10:58	Texas
890-8575-11	TMW - 42 (50-55)	Solid	08/05/25 16:35	08/06/25 10:58	Texas
890-8575-12	TMW - 42 (55-60)	Solid	08/05/25 16:38	08/06/25 10:58	Texas

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael M. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.8
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 8 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com steve@sparkenvironmental.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

890-8575 Chain of Custody

n Codes:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
TMW-42 (0-5)	8/5/25	16:04	C	Solid		X		
TMW-42 (5-10)	8/5/25	16:08		Solid		X		
TMW-42 (10-15)	8/5/25	16:10		Solid		X		
TMW-42 (15-20)	8/5/25	16:20		Solid		X		
TMW-42 (20-25)	8/5/25	16:22		Solid		X		
TMW-42 (25-30)	8/5/25	16:24		Solid		X		
TMW-42 (30-35)	8/5/25	16:25		Solid		X		
TMW-42 (35-40)	8/5/25	16:28		Solid		X		
TMW-42 (40-45)	8/5/25	16:30		Solid		X		
TMW-42 (45-50)	8/5/25	16:32		Solid		X		
TMW-42 (50-55)	8/5/25	16:35	↓	Solid		X		

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/06/25 0450			8/6/25 715	
2		8/6/25 1058				
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.2 5.6 5.4

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Rachael N. Hill	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13701-2055.9
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 9 of 11
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com Stevie@Sportenvironmental.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8260D	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N		
TMW-42(55-60)	8/5/25	16:38	C	Solid		X	1	
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				
				Solid				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		08/06/25 0456			8/6/25 715	
2	Relinquished by:	Date/Time: 8/6/25 1058	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.2 5.6 5.4

Ver: 05/06/2024

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5612.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8575-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/12/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW 42 (0-5) (890-8575-1)	8/5/25	16:04 Central	G	Solid			X	X	2	
TMW 42 (5-10 (890-8575-2)	8/5/25	16:08 Central	G	Solid			X	X	2	
TMW 42 (10-15) (890-8575-3)	8/5/25	16:10 Central	G	Solid			X	X	2	
TMW 42 (15-20) (890-8575-4)	8/5/25	16:20 Central	G	Solid			X	X	2	
TMW 42 (20-25) (890-8575-5)	8/5/25	16:22 Central	G	Solid			X	X	2	
TMW 42 (25-30) (890-8575-6)	8/5/25	16:24 Central	G	Solid			X	X	2	
TMW 42 (30-35) (890-8575-7)	8/5/25	16:25 Central	G	Solid			X	X	2	
TMW 42 (35-40) (890-8575-8)	8/5/25	16:28 Central	G	Solid			X	X	2	
TMW 42 (40-45) (890-8575-9)	8/5/25	16:30 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

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8/19/2025 (Rev. 1)

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 890-5612.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 890-8575-1
Address: 4145 Greenbriar Dr	Due Date Requested: 8/12/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D/5035FP_CalcBTEX	Total_BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TMW - 42 (45-50) (890-8575-10)	8/5/25	16:32 Central	G	Solid			X	X	2	
TMW 42 (50-55) (890-8575-11)	8/5/25	16:35 Central	G	Solid			X	X	2	
TMW 42 (55-60) (890-8575-12)	8/5/25	16:38 Central	G	Solid			X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

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

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

Ver: 10/10/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8575-1

Login Number: 8575 **List Source: Eurofins Carlsbad**
List Number: 1
Creator: Bruns, Shannon

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8575-1

Login Number: 8575
List Number: 3
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 08/07/25 11:59 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 890-8575-1

Login Number: 8575
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 08/07/25 08:08 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

APPENDIX **F**

LABORATORY DATA PACKAGES
GROUNDWATER ANALYTICAL

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424
Generated 8/25/2025 10:32:14 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-108794-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

Eurofins Houston

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/25/2025 10:32:14 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-108794-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108794-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108794-1
Project/Site: EBDU 37

Glossary (Continued)

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-108794-1
Project: EBDU 37

Job ID: 860-108794-1 Eurofins Houston

Job Narrative
860-108794-1

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

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

Receipt
The samples were received on 8/13/2025 8:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.3°C.

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

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: MW-11 (860-108794-1). These results have been reported and qualified.

Method 8270E_QQQ: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 860-256134 and analytical batch 860-256105 recovered outside control limits for the following analytes: Styrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-256105 recovered above the upper control limit for Styrene. The associated sample is:(CCV 860-256105/4).

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

PCBs
Method 8082A: Surrogate DCB (Decachlorobiphenyl) in the continuing calibration verification (CCV) for batch 860-255672 was below the control limit (%D). The surrogate was recovered within laboratory control limits in primary and secondary column, therefore data was accepted.

(CCVIS 860-255672/4)

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

HPLC/IC
Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-254856 contained Sulfate above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D: The method blank for analytical batch 860-254856 contained Sulfate above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

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Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-108794-1
Project: EBDU 37

Job ID: 860-108794-1 (Continued) Eurofins Houston

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

General Chemistry
Method 2540C_Calcd: The following sample was analyzed outside of analytical holding time due to login area MW-11 (860-108794-1).

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

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Client Sample ID: MW-11 Lab Sample ID: 860-108794-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	380		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.665		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.70		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	220	B	0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	171		1.00	0.508	mg/L	5		6010D	Total/NA
Iron	0.217		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	23.6		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	192		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	74.2		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	62.3		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.19		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.362		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00434		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0360		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.297		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00163	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00603		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00585		0.00200	0.000255	mg/L	1		6020B	Total/NA
Selenium	0.0242		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00327		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.47	HF			SU	1		9040C	Total/NA
Temperature	20.4	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.47	HF			SU	1		9040C	Total/NA
Total Cations	18.9				meq/L	1		SM 1030E	Total/NA
Total Anions	20.5				meq/L	1		SM 1030E	Total/NA
Percent Difference	-4.22				%	1		SM 1030E	Total/NA
Alkalinity	152		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	152		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1550	H	20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Client Sample ID: MW-11

Date Collected: 08/12/25 12:33
Date Received: 08/13/25 08:56

Lab Sample ID: 860-108794-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/14/25 09:40	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/14/25 09:40	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/14/25 09:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/14/25 09:40*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*08/14/25 09:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 22:32	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 22:32	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 22:32	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 22:32	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 22:32	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 22:32	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 22:32	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 22:32	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 22:32	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 22:32	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 22:32	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 22:32	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 22:32	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 22:32	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 22:32	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 22:32	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/20/25 22:32	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 22:32	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 22:32	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 22:32	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 22:32	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/20/25 22:32	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 22:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/20/25 22:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/20/25 22:32*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/20/25 22:32*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/20/25 22:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/19/25 10:51	08/19/25 17:27	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/19/25 10:51	08/19/25 17:27	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/19/25 10:51	08/19/25 17:27	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/19/25 10:51	08/19/25 17:27	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/19/25 10:51	08/19/25 17:27	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/19/25 10:51	08/19/25 17:27	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/19/25 10:51	08/19/25 17:27	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/19/25 10:51	08/19/25 17:27	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Client Sample ID: MW-11

Date Collected: 08/12/25 12:33
Date Received: 08/13/25 08:56

Lab Sample ID: 860-108794-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/19/25 10:51	08/19/25 17:27	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/19/25 10:51	08/19/25 17:27	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/19/25 10:51	08/19/25 17:27	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/19/25 10:51	08/19/25 17:27	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/19/25 10:51	08/19/25 17:27	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/19/25 10:51	08/19/25 17:27	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/19/25 10:51	08/19/25 17:27	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/19/25 10:51	08/19/25 17:27	1
Styrene	<1.60	U *+	2.29	1.60	ug/L		08/19/25 10:51	08/19/25 17:27	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/19/25 10:51	08/19/25 17:27	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/19/25 10:51	08/19/25 17:27	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/19/25 10:51	08/19/25 17:27	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/19/25 10:51	08/19/25 17:27	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/19/25 10:51	08/19/25 17:27	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/19/25 10:51	08/19/25 17:27	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/19/25 10:51	08/19/25 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*14*	*S1-*	*35 - 130*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
2-Fluorophenol (Surr)	*53*		*19 - 120*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
Nitrobenzene-d5 (Surr)	*92*		*37 - 133*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
Phenol-d5 (Surr)	*38*		*8 - 124*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
p-Terphenyl-d14 (Surr)	*82*		*47 - 130*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
Nitrobenzene-d5 (Surr)	*92*		*37 - 133*	*08/19/25 10:51*	*08/19/25 17:27*	*1*
p-Terphenyl-d14 (Surr)	*82*		*47 - 130*	*08/19/25 10:51*	*08/19/25 17:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000571	U	0.000311	0.0000571	mg/L		08/15/25 06:49	08/16/25 19:54	1
PCB-1221	<0.0000571	U	0.000622	0.0000571	mg/L		08/15/25 06:49	08/16/25 19:54	1
PCB-1232	<0.0000571	U	0.000622	0.0000571	mg/L		08/15/25 06:49	08/16/25 19:54	1
PCB-1242	<0.0000571	U	0.000311	0.0000571	mg/L		08/15/25 06:49	08/16/25 19:54	1
PCB-1248	<0.0000571	U	0.000622	0.0000571	mg/L		08/15/25 06:49	08/16/25 19:54	1
PCB-1254	<0.0000752	U	0.000622	0.0000752	mg/L		08/15/25 06:49	08/16/25 19:54	1
PCB-1260	<0.0000752	U	0.000311	0.0000752	mg/L		08/15/25 06:49	08/16/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*52 - 134*	*08/15/25 06:49*	*08/16/25 19:54*	*1*
DCB Decachlorobiphenyl (Surr)	*46*		*28 - 94*	*08/15/25 06:49*	*08/16/25 19:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**380**		0.500	0.250	mg/L			08/13/25 16:12	1
Nitrate as N	**0.665**		0.100	0.0391	mg/L			08/13/25 16:12	1
Fluoride	**1.70**		0.500	0.100	mg/L			08/13/25 16:12	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/13/25 16:12	1
Sulfate	**220**	**B**	0.500	0.200	mg/L			08/13/25 16:12	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Client Sample ID: MW-11

Date Collected: 08/12/25 12:33
Date Received: 08/13/25 08:56

Lab Sample ID: 860-108794-1

Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**171**		1.00	0.508	mg/L		08/14/25 09:00	08/14/25 15:42	5
Iron	**0.217**		0.200	0.0283	mg/L		08/14/25 09:00	08/14/25 15:41	1
Magnesium	**23.6**		0.200	0.0445	mg/L		08/14/25 09:00	08/14/25 15:41	1
Sodium	**192**		0.500	0.152	mg/L		08/14/25 09:00	08/14/25 15:41	1
Sulfur	**74.2**		0.100	0.0370	mg/L		08/14/25 09:00	08/14/25 15:41	1
SiO2	**62.3**		1.07	0.370	mg/L		08/14/25 09:00	08/14/25 15:41	1
Potassium	**3.19**		0.500	0.106	mg/L		08/14/25 09:00	08/14/25 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.362**		0.0200	0.00549	mg/L		08/14/25 08:59	08/14/25 19:34	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/14/25 08:59	08/14/25 19:34	1
Arsenic	**0.00434**		0.00400	0.000690	mg/L		08/14/25 08:59	08/14/25 19:34	1
Barium	**0.0360**		0.00400	0.00134	mg/L		08/14/25 08:59	08/14/25 19:34	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/14/25 08:59	08/14/25 19:34	1
Boron	**0.297**		0.0100	0.00401	mg/L		08/14/25 08:59	08/14/25 19:34	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/14/25 08:59	08/14/25 19:34	1
Chromium	**0.00163**	**J**	0.00400	0.000560	mg/L		08/14/25 08:59	08/14/25 19:34	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/14/25 08:59	08/14/25 19:34	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/14/25 08:59	08/14/25 19:34	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/14/25 08:59	08/14/25 19:34	1
Manganese	**0.00603**		0.00200	0.000759	mg/L		08/14/25 08:59	08/14/25 19:34	1
Molybdenum	**0.00585**		0.00200	0.000255	mg/L		08/14/25 08:59	08/14/25 19:34	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/14/25 08:59	08/14/25 19:34	1
Selenium	**0.0242**		0.00200	0.000590	mg/L		08/14/25 08:59	08/14/25 19:34	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/14/25 08:59	08/14/25 19:34	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/14/25 08:59	08/14/25 19:34	1
Uranium	**0.00327**		0.00100	0.000211	mg/L		08/14/25 08:59	08/14/25 19:34	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/14/25 08:59	08/14/25 19:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:05	08/14/25 21:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/18/25 15:48	1
pH (SW846 9040C)	**7.47**	**HF**			SU			08/18/25 14:57	1
Temperature (SW846 9040C)	**20.4**	**HF**			Degrees C			08/18/25 14:57	1
Corrosivity (SW846 9040C)	**7.47**	**HF**			SU			08/18/25 14:57	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 15:47	1
Total Cations (SM 1030E)	**18.9**				meq/L			08/14/25 15:42	1
Total Anions (SM 1030E)	**20.5**				meq/L			08/14/25 15:42	1
Percent Difference (SM 1030E)	**-4.22**				%			08/14/25 15:42	1
Alkalinity (SM 2320B)	**152**		4.00	4.00	mg/L			08/19/25 12:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**152**		4.00	4.00	mg/L			08/19/25 12:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:15	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:15	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:15	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Client Sample ID: MW-11
Date Collected: 08/12/25 12:33
Date Received: 08/13/25 08:56

Lab Sample ID: 860-108794-1
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1550	H	20.0	20.0	mg/L			08/20/25 13:27	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-108794-1	MW-11	105	100	104	100
LCS 860-256400/1013	Lab Control Sample	99	99	100	99
LCSD 860-256400/14	Lab Control Sample Dup	99	97	101	99
MB 860-256400/19	Method Blank	100	101	101	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TOL (70-130)	BFB (70-130)
860-108794-1	MW-11	97	106
LCS 860-254968/1011	Lab Control Sample	99	100
LCSD 860-254968/12	Lab Control Sample Dup	98	100
MB 860-254968/14	Method Blank	98	103

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-108794-1	MW-11	14 S1-	53	86	86	38	92	92	82
LCS 860-256134/2-A	Lab Control Sample	57	69	63	63	67	78	78	66
LCS 860-256134/4-A	Lab Control Sample	81	72	71	71	80	70	70	71
LCSD 860-256134/3-A	Lab Control Sample Dup	63	75	72	72	71	85	85	72
LCSD 860-256134/5-A	Lab Control Sample Dup	82	70	69	69	76	66	66	64
MB 860-256134/1-A	Method Blank	70	74	65	65	81	68	68	67
MB 860-256134/1-A	Method Blank	50	74	70	70	71	75	75	70

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-108794-1	MW-11	82
LCS 860-256134/2-A	Lab Control Sample	66
LCS 860-256134/4-A	Lab Control Sample	71
LCSD 860-256134/3-A	Lab Control Sample Dup	72
LCSD 860-256134/5-A	Lab Control Sample Dup	64
MB 860-256134/1-A	Method Blank	67
MB 860-256134/1-A	Method Blank	70

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108794-1
Project/Site: EBDU 37

2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCB2								
Lab Sample ID	Client Sample ID	(52-134)	(28-94)								
860-108794-1	MW-11	98	46								
LCS 860-255130/4-A	Lab Control Sample	97	70								
LCSD 860-255130/5-A	Lab Control Sample Dup	101	74								
MB 860-255130/1-A	Method Blank	102	74								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

Lab Sample ID: MB 860-256400/19
Matrix: Water
Analysis Batch: 256400

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 17:04	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 17:04	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 17:04	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 17:04	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 17:04	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 17:04	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 17:04	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 17:04	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 17:04	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 17:04	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 17:04	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 17:04	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 17:04	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 17:04	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 17:04	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 17:04	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/20/25 17:04	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 17:04	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 17:04	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 17:04	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 17:04	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/20/25 17:04	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 17:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*08/20/25 17:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/20/25 17:04*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*08/20/25 17:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/20/25 17:04*	*1*

Lab Sample ID: LCS 860-256400/1013
Matrix: Water
Analysis Batch: 256400

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05215		mg/L		104	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04869		mg/L		97	74 - 125
1,1,2-Trichloroethane	0.0500	0.05089		mg/L		102	75 - 130
1,1-Dichloroethane	0.0500	0.05214		mg/L		104	71 - 130
1,1-Dichloroethene	0.0500	0.05209		mg/L		104	50 - 150
1,2-Dibromoethane	0.0500	0.05214		mg/L		104	73 - 125
1,2-Dichloroethane	0.0500	0.05022		mg/L		100	72 - 130
1,2-Dichloropropane	0.0500	0.05070		mg/L		101	74 - 125
Benzene	0.0500	0.05136		mg/L		103	75 - 125
Carbon tetrachloride	0.0500	0.05182		mg/L		104	70 - 125
Chloroform	0.0500	0.05215		mg/L		104	70 - 121
Ethylbenzene	0.0500	0.05336		mg/L		107	75 - 125
MTBE	0.0500	0.05172		mg/L		103	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

Lab Sample ID: LCS 860-256400/1013
Matrix: Water
Analysis Batch: 256400

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.04974		mg/L		99	71 - 125		
Tetrachloroethene			0.0500	0.05141		mg/L		103	71 - 125		
Toluene			0.0500	0.05050		mg/L		101	75 - 130		
Trichloroethene			0.0500	0.05300		mg/L		106	75 - 135		
Vinyl chloride			0.0500	0.04905		mg/L		98	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.05120		mg/L		102	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.05306		mg/L		106	75 - 125		
o-Xylene			0.0500	0.05303		mg/L		106	75 - 125		
m,p-Xylenes			0.0500	0.05374		mg/L		107	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-256400/14
Matrix: Water
Analysis Batch: 256400

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.05325		mg/L		106	70 - 130	2	25
1,1,2,2-Tetrachloroethane			0.0500	0.05056		mg/L		101	74 - 125	4	25
1,1,2-Trichloroethane			0.0500	0.05144		mg/L		103	75 - 130	1	25
1,1-Dichloroethane			0.0500	0.05206		mg/L		104	71 - 130	0	25
1,1-Dichloroethene			0.0500	0.05336		mg/L		107	50 - 150	2	25
1,2-Dibromoethane			0.0500	0.05271		mg/L		105	73 - 125	1	25
1,2-Dichloroethane			0.0500	0.05131		mg/L		103	72 - 130	2	25
1,2-Dichloropropane			0.0500	0.05162		mg/L		103	74 - 125	2	25
Benzene			0.0500	0.05249		mg/L		105	75 - 125	2	25
Carbon tetrachloride			0.0500	0.05285		mg/L		106	70 - 125	2	25
Chloroform			0.0500	0.05252		mg/L		105	70 - 121	1	25
Ethylbenzene			0.0500	0.05382		mg/L		108	75 - 125	1	25
MTBE			0.0500	0.05281		mg/L		106	65 - 135	2	25
Methylene Chloride			0.0500	0.05040		mg/L		101	71 - 125	1	25
Tetrachloroethene			0.0500	0.05362		mg/L		107	71 - 125	4	25
Toluene			0.0500	0.05164		mg/L		103	75 - 130	2	25
Trichloroethene			0.0500	0.05450		mg/L		109	75 - 135	3	25
Vinyl chloride			0.0500	0.04816		mg/L		96	60 - 140	2	25
cis-1,2-Dichloroethene			0.0500	0.05207		mg/L		104	75 - 125	2	25
trans-1,2-Dichloroethene			0.0500	0.05356		mg/L		107	75 - 125	1	25
o-Xylene			0.0500	0.05397		mg/L		108	75 - 125	2	25
m,p-Xylenes			0.0500	0.05464		mg/L		109	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

Lab Sample ID: LCSD 860-256400/14
Matrix: Water
Analysis Batch: 256400

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

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

Lab Sample ID: MB 860-254968/14
Matrix: Water
Analysis Batch: 254968

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/14/25 06:56	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/14/25 06:56	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/14/25 06:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		70 - 130		08/14/25 06:56	1
4-Bromofluorobenzene (Surr)	103		70 - 130		08/14/25 06:56	1

Lab Sample ID: LCS 860-254968/1011
Matrix: Water
Analysis Batch: 254968

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 860-254968/12
Matrix: Water
Analysis Batch: 254968

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 860-256134/1-A
Matrix: Water
Analysis Batch: 256111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/19/25 10:51	08/19/25 14:21	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/19/25 10:51	08/19/25 14:21	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/19/25 10:51	08/19/25 14:21	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/19/25 10:51	08/19/25 14:21	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/19/25 10:51	08/19/25 14:21	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/19/25 10:51	08/19/25 14:21	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/19/25 10:51	08/19/25 14:21	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/19/25 10:51	08/19/25 14:21	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

Lab Sample ID: MB 860-256134/1-A
Matrix: Water
Analysis Batch: 256111

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/19/25 10:51	08/19/25 14:21	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/19/25 10:51	08/19/25 14:21	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/19/25 10:51	08/19/25 14:21	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/19/25 10:51	08/19/25 14:21	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/19/25 10:51	08/19/25 14:21	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/19/25 10:51	08/19/25 14:21	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/19/25 10:51	08/19/25 14:21	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/19/25 10:51	08/19/25 14:21	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/19/25 10:51	08/19/25 14:21	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/19/25 10:51	08/19/25 14:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*35 - 130*	*08/19/25 10:51*	*08/19/25 14:21*	*1*
2-Fluorophenol (Surr)	*74*		*19 - 120*	*08/19/25 10:51*	*08/19/25 14:21*	*1*
2-Fluorobiphenyl	*70*		*43 - 130*	*08/19/25 10:51*	*08/19/25 14:21*	*1*
Phenol-d5 (Surr)	*71*		*8 - 124*	*08/19/25 10:51*	*08/19/25 14:21*	*1*
Nitrobenzene-d5 (Surr)	*75*		*37 - 133*	*08/19/25 10:51*	*08/19/25 14:21*	*1*
p-Terphenyl-d14 (Surr)	*70*		*47 - 130*	*08/19/25 10:51*	*08/19/25 14:21*	*1*

Lab Sample ID: MB 860-256134/1-A
Matrix: Water
Analysis Batch: 256105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256134

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<1.59	U	2.29	1.59	ug/L		08/19/25 10:51	08/19/25 16:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*35 - 130*	*08/19/25 10:51*	*08/19/25 16:45*	*1*
2-Fluorophenol (Surr)	*74*		*19 - 120*	*08/19/25 10:51*	*08/19/25 16:45*	*1*
2-Fluorobiphenyl	*65*		*43 - 130*	*08/19/25 10:51*	*08/19/25 16:45*	*1*
Phenol-d5 (Surr)	*81*		*8 - 124*	*08/19/25 10:51*	*08/19/25 16:45*	*1*
Nitrobenzene-d5 (Surr)	*68*		*37 - 133*	*08/19/25 10:51*	*08/19/25 16:45*	*1*
p-Terphenyl-d14 (Surr)	*67*		*47 - 130*	*08/19/25 10:51*	*08/19/25 16:45*	*1*

Lab Sample ID: LCS 860-256134/2-A
Matrix: Water
Analysis Batch: 256111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	4.099		ug/L		72	52 - 125
2-Methylnaphthalene	5.71	4.093		ug/L		72	33 - 149
Acenaphthene	5.71	4.456		ug/L		78	48 - 136
Acenaphthylene	5.71	4.383		ug/L		77	40 - 149
Anthracene	5.71	4.351		ug/L		76	51 - 146
Benzo[a]anthracene	5.71	4.339		ug/L		76	43 - 145
Benzo[a]pyrene	5.71	4.274		ug/L		75	52 - 136
Benzo[b]fluoranthene	5.71	4.498		ug/L		79	45 - 140
Benzo[g,h,i]perylene	5.71	4.310		ug/L		75	44 - 137

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

Lab Sample ID: LCS 860-256134/2-A
Matrix: Water
Analysis Batch: 256111

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	5.71	4.348		ug/L		76	37 - 140
Chrysene	5.71	4.823		ug/L		84	47 - 137
Dibenz(a,h)anthracene	5.71	4.747		ug/L		83	50 - 147
Fluoranthene	5.71	4.229		ug/L		74	50 - 144
Fluorene	5.71	4.209		ug/L		74	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	4.171		ug/L		73	46 - 138
Naphthalene	5.71	4.340		ug/L		76	35 - 141
Phenanthrene	5.71	4.310		ug/L		75	54 - 141
Pyrene	5.71	4.570		ug/L		80	50 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*57*		*35 - 130*
2-Fluorophenol (Surr)	*69*		*19 - 120*
2-Fluorobiphenyl	*63*		*43 - 130*
Phenol-d5 (Surr)	*67*		*8 - 124*
Nitrobenzene-d5 (Surr)	*78*		*37 - 133*
p-Terphenyl-d14 (Surr)	*66*		*47 - 130*

Lab Sample ID: LCS 860-256134/4-A
Matrix: Water
Analysis Batch: 256105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256134

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	22.9	30.38	*+	ug/L		133	35 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*35 - 130*
2-Fluorophenol (Surr)	*72*		*19 - 120*
2-Fluorobiphenyl	*71*		*43 - 130*
Phenol-d5 (Surr)	*80*		*8 - 124*
Nitrobenzene-d5 (Surr)	*70*		*37 - 133*
p-Terphenyl-d14 (Surr)	*71*		*47 - 130*

Lab Sample ID: LCSD 860-256134/3-A
Matrix: Water
Analysis Batch: 256111

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256134

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	5.71	4.358		ug/L		76	52 - 125	6	30
1,2,4-Trichlorobenzene	5.71	4.349		ug/L		76	55 - 120	7	30
2-Methylnaphthalene	5.71	4.365		ug/L		76	33 - 149	6	30
Acenaphthene	5.71	4.794		ug/L		84	48 - 136	7	30
1,2-Dichlorobenzene	5.71	4.587		ug/L		80	65 - 130	6	30
Acenaphthylene	5.71	4.739		ug/L		83	40 - 149	8	30
Anthracene	5.71	4.430		ug/L		78	51 - 146	2	30
Benzo[a]anthracene	5.71	4.586		ug/L		80	43 - 145	6	30
Benzo[a]pyrene	5.71	4.630		ug/L		81	52 - 136	8	30
1,4-Dichlorobenzene	5.71	4.423		ug/L		77	60 - 150	6	30

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

Lab Sample ID: LCSD 860-256134/3-A
Matrix: Water
Analysis Batch: 256111

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256134

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[b]fluoranthene			5.71	5.034		ug/L		88	45 - 140	11	30
Atrazine			5.71	4.487		ug/L		79	46 - 148	2	30
Benzo[g,h,i]perylene			5.71	4.840		ug/L		85	44 - 137	12	30
Benzo[k]fluoranthene			5.71	4.830		ug/L		85	37 - 140	10	30
Pentachlorophenol			5.71	3.320		ug/L		58	33 - 150	12	30
Chrysene			5.71	5.029		ug/L		88	47 - 137	4	30
Dibenz(a,h)anthracene			5.71	5.176		ug/L		91	50 - 147	9	30
Fluoranthene			5.71	4.392		ug/L		77	50 - 144	4	30
Fluorene			5.71	4.547		ug/L		80	54 - 136	8	30
Indeno[1,2,3-cd]pyrene			5.71	4.678		ug/L		82	46 - 138	11	30
Naphthalene			5.71	4.656		ug/L		81	35 - 141	7	30
Phenanthrene			5.71	4.435		ug/L		78	54 - 141	3	30
Pyrene			5.71	4.968		ug/L		87	50 - 143	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*63*		*35 - 130*
2-Fluorophenol (Surr)	*75*		*19 - 120*
2-Fluorobiphenyl	*72*		*43 - 130*
Phenol-d5 (Surr)	*71*		*8 - 124*
Nitrobenzene-d5 (Surr)	*85*		*37 - 133*
p-Terphenyl-d14 (Surr)	*72*		*47 - 130*

Lab Sample ID: LCSD 860-256134/5-A
Matrix: Water
Analysis Batch: 256105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256134

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	30.14	*+	ug/L		132	35 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*35 - 130*
2-Fluorophenol (Surr)	*70*		*19 - 120*
2-Fluorobiphenyl	*69*		*43 - 130*
Phenol-d5 (Surr)	*76*		*8 - 124*
Nitrobenzene-d5 (Surr)	*66*		*37 - 133*
p-Terphenyl-d14 (Surr)	*64*		*47 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-255130/1-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255130

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1221	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1232	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1242	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 860-255130/1-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255130

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1254	<0.0000756	U	0.000625	0.0000756	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1260	<0.0000756	U	0.000313	0.0000756	mg/L		08/14/25 11:37	08/16/25 15:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*52 - 134*	*08/14/25 11:37*	*08/16/25 15:24*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*28 - 94*	*08/14/25 11:37*	*08/16/25 15:24*	*1*

Lab Sample ID: LCS 860-255130/4-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255130

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00616	0.005767		mg/L		94	75 - 135		
PCB-1260			0.00616	0.005066		mg/L		82	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*70*		*28 - 94*

Lab Sample ID: LCSD 860-255130/5-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255130

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00627	0.005877		mg/L		94	75 - 135	2	20
PCB-1260			0.00627	0.005313		mg/L		85	65 - 115	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*101*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*74*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-254856/5
Matrix: Water
Analysis Batch: 254856

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/13/25 10:45	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/13/25 10:45	1
Sulfate	0.3182	J	0.500	0.200	mg/L			08/13/25 10:45	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-254856/6
Matrix: Water
Analysis Batch: 254856

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.11		mg/L		101	90 - 110
Fluoride	10.0	10.46		mg/L		105	90 - 110
Sulfate	10.0	10.16		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-254856/7
Matrix: Water
Analysis Batch: 254856

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.01		mg/L		100	90 - 110	1	20
Fluoride	10.0	10.23		mg/L		102	90 - 110	2	20
Sulfate	10.0	10.10		mg/L		101	90 - 110	1	20

Lab Sample ID: LLCS 860-254856/9
Matrix: Water
Analysis Batch: 254856

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6478		mg/L		130	50 - 150
Fluoride	0.500	0.5357		mg/L		107	50 - 150
Sulfate	0.500	0.7189		mg/L		144	50 - 150

Lab Sample ID: MB 860-254857/5
Matrix: Water
Analysis Batch: 254857

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/13/25 10:45	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/13/25 10:45	1

Lab Sample ID: LCS 860-254857/6
Matrix: Water
Analysis Batch: 254857

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.686		mg/L		97	90 - 110
Nitrite as N	10.0	9.976		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-254857/7
Matrix: Water
Analysis Batch: 254857

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	9.636		mg/L		96	90 - 110	1	20
Nitrite as N	10.0	9.933		mg/L		99	90 - 110	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-254857/8
Matrix: Water
Analysis Batch: 254857

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1495		mg/L		149	50 - 150
Nitrite as N	0.100	0.08762	J	mg/L		88	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-255084/1-A
Matrix: Water
Analysis Batch: 255398

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255084

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/14/25 09:00	08/14/25 14:30	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/14/25 09:00	08/14/25 14:30	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/14/25 09:00	08/14/25 14:30	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/14/25 09:00	08/14/25 14:30	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/14/25 09:00	08/14/25 14:30	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/14/25 09:00	08/14/25 14:30	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/14/25 09:00	08/14/25 14:30	1

Lab Sample ID: LCS 860-255084/2-A
Matrix: Water
Analysis Batch: 255398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	27.30		mg/L		109	80 - 120
Iron	5.00	5.200		mg/L		104	80 - 120
Magnesium	25.0	27.30		mg/L		109	80 - 120
Sodium	25.0	26.30		mg/L		105	80 - 120
Sulfur	5.00	5.400		mg/L		108	80 - 125
SiO2	21.4	24.18		mg/L		113	80 - 120
Potassium	10.0	10.60		mg/L		106	80 - 120

Lab Sample ID: LCSD 860-255084/3-A
Matrix: Water
Analysis Batch: 255398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255084

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	27.30		mg/L		109	80 - 120	0	20
Iron	5.00	5.200		mg/L		104	80 - 120	0	20
Magnesium	25.0	27.30		mg/L		109	80 - 120	0	20
Sodium	25.0	26.30		mg/L		105	80 - 120	0	20
Sulfur	5.00	5.400		mg/L		108	80 - 125	0	20
SiO2	21.4	23.97		mg/L		112	80 - 120	1	20
Potassium	10.0	10.60		mg/L		106	80 - 120	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-255073/1-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/14/25 08:59	08/14/25 18:07	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/14/25 08:59	08/14/25 18:07	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/14/25 08:59	08/14/25 18:07	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/14/25 08:59	08/14/25 18:07	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/14/25 08:59	08/14/25 18:07	1
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/14/25 08:59	08/14/25 18:07	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/14/25 08:59	08/14/25 18:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/14/25 08:59	08/14/25 18:07	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/14/25 08:59	08/14/25 18:07	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/14/25 08:59	08/14/25 18:07	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/14/25 08:59	08/14/25 18:07	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/14/25 08:59	08/14/25 18:07	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/14/25 08:59	08/14/25 18:07	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/14/25 08:59	08/14/25 18:07	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/14/25 08:59	08/14/25 18:07	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/14/25 08:59	08/14/25 18:07	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/14/25 08:59	08/14/25 18:07	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/14/25 08:59	08/14/25 18:07	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/14/25 08:59	08/14/25 18:07	1

Lab Sample ID: LCS 860-255073/2-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5065		mg/L		101	80 - 120
Antimony	0.100	0.09129		mg/L		91	80 - 120
Arsenic	0.100	0.09922		mg/L		99	80 - 120
Barium	0.100	0.09811		mg/L		98	80 - 120
Beryllium	0.100	0.09923		mg/L		99	80 - 120
Boron	0.100	0.09645		mg/L		96	80 - 120
Cadmium	0.100	0.09952		mg/L		100	80 - 120
Chromium	0.100	0.09962		mg/L		100	80 - 120
Cobalt	0.100	0.09872		mg/L		99	80 - 120
Copper	0.100	0.09722		mg/L		97	80 - 120
Lead	0.100	0.09975		mg/L		100	80 - 120
Manganese	0.100	0.09941		mg/L		99	80 - 120
Molybdenum	0.100	0.09462		mg/L		95	80 - 120
Nickel	0.100	0.09845		mg/L		98	80 - 120
Selenium	0.100	0.1002		mg/L		100	80 - 120
Silver	0.0500	0.05314		mg/L		106	80 - 120
Thallium	0.100	0.1010		mg/L		101	80 - 120
Uranium	0.0250	0.02548		mg/L		102	80 - 120
Zinc	0.100	0.09753		mg/L		98	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

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

Lab Sample ID: LCSD 860-255073/3-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255073

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.5002		mg/L		100	80 - 120	1	20
Antimony			0.100	0.09212		mg/L		92	80 - 120	1	20
Arsenic			0.100	0.09864		mg/L		99	80 - 120	1	20
Barium			0.100	0.09833		mg/L		98	80 - 120	0	20
Beryllium			0.100	0.1001		mg/L		100	80 - 120	1	20
Boron			0.100	0.1013		mg/L		101	80 - 120	5	20
Cadmium			0.100	0.09930		mg/L		99	80 - 120	0	20
Chromium			0.100	0.1000		mg/L		100	80 - 120	0	20
Cobalt			0.100	0.09831		mg/L		98	80 - 120	0	20
Copper			0.100	0.09711		mg/L		97	80 - 120	0	20
Lead			0.100	0.1002		mg/L		100	80 - 120	0	20
Manganese			0.100	0.09992		mg/L		100	80 - 120	1	20
Molybdenum			0.100	0.09546		mg/L		95	80 - 120	1	20
Nickel			0.100	0.09859		mg/L		99	80 - 120	0	20
Selenium			0.100	0.1003		mg/L		100	80 - 120	0	20
Silver			0.0500	0.05325		mg/L		106	80 - 120	0	20
Thallium			0.100	0.1003		mg/L		100	80 - 120	1	20
Uranium			0.0250	0.02552		mg/L		102	80 - 120	0	20
Zinc			0.100	0.09611		mg/L		96	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-254827/1-B
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255044

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:05	08/14/25 21:14	1

Lab Sample ID: MB 860-255044/10-A
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255044

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:05	08/14/25 21:10	1

Lab Sample ID: LCS 860-255044/11-A
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255044

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.002032		mg/L		102	80 - 120		

Lab Sample ID: LCSD 860-255044/12-A
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255044

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001982		mg/L		99	80 - 120	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-255996/16
Matrix: Water
Analysis Batch: 255996

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/18/25 15:24	1

Lab Sample ID: LCS 860-255996/17
Matrix: Water
Analysis Batch: 255996

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenols, Total			0.100	0.09790		mg/L		98	90 - 110		

Lab Sample ID: LCSD 860-255996/18
Matrix: Water
Analysis Batch: 255996

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total			0.100	0.09400		mg/L		94	90 - 110	4	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-256414/24
Matrix: Water
Analysis Batch: 256414

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 14:47	1

Lab Sample ID: LCS 860-256414/25
Matrix: Water
Analysis Batch: 256414

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.09900		mg/L		99	90 - 110		

Lab Sample ID: LCSD 860-256414/26
Matrix: Water
Analysis Batch: 256414

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.09927		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-256414/27
Matrix: Water
Analysis Batch: 256414

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.00500	0.002988	J	mg/L		60	50 - 150		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-256188/3
Matrix: Water
Analysis Batch: 256188

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1

Lab Sample ID: LCS 860-256188/4
Matrix: Water
Analysis Batch: 256188

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	247.9		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-256188/5
Matrix: Water
Analysis Batch: 256188

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	246.2		mg/L		98	85 - 115	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-256475/1
Matrix: Water
Analysis Batch: 256475

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/20/25 13:26	1

Lab Sample ID: LCS 860-256475/2
Matrix: Water
Analysis Batch: 256475

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	915.0		mg/L		92	80 - 120

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

GC/MS VOA

Analysis Batch: 254968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	8260D SIM	
MB 860-254968/14	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-254968/1011	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-254968/12	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 256400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	8260D	
MB 860-256400/19	Method Blank	Total/NA	Water	8260D	
LCS 860-256400/1013	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-256400/14	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Analysis Batch: 256105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256134/1-A	Method Blank	Total/NA	Water	8270E	256134
LCS 860-256134/4-A	Lab Control Sample	Total/NA	Water	8270E	256134
LCSD 860-256134/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	256134

Analysis Batch: 256111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256134/1-A	Method Blank	Total/NA	Water	8270E	256134
LCS 860-256134/2-A	Lab Control Sample	Total/NA	Water	8270E	256134
LCSD 860-256134/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	256134

Analysis Batch: 256113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	8270E	256134

Prep Batch: 256134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	3511	
MB 860-256134/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-256134/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-256134/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-256134/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-256134/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

GC Semi VOA

Prep Batch: 255130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	3511	
MB 860-255130/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-255130/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-255130/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 255672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	8082A	255130
MB 860-255130/1-A	Method Blank	Total/NA	Water	8082A	255130

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

GC Semi VOA (Continued)

Analysis Batch: 255672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-255130/4-A	Lab Control Sample	Total/NA	Water	8082A	255130
LCSD 860-255130/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	255130

HPLC/IC

Analysis Batch: 254856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	300.0	
MB 860-254856/5	Method Blank	Total/NA	Water	300.0	
LCS 860-254856/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-254856/7	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-254856/9	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 254857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	300.0	
MB 860-254857/5	Method Blank	Total/NA	Water	300.0	
LCS 860-254857/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-254857/7	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-254857/8	Lab Control Sample	Total/NA	Water	300.0	

Metals

Leach Batch: 254827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-254827/1-B	Method Blank	Total/NA	Water	1311	

Prep Batch: 255044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	7470A	
LB 860-254827/1-B	Method Blank	Total/NA	Water	7470A	254827
MB 860-255044/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-255044/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-255044/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 255073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	3010A	
MB 860-255073/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-255073/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-255073/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 255084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	3010A	
MB 860-255084/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-255084/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-255084/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 255302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	7470A	255044

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Metals (Continued)

Analysis Batch: 255302 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-254827/1-B	Method Blank	Total/NA	Water	7470A	255044
MB 860-255044/10-A	Method Blank	Total/NA	Water	7470A	255044
LCS 860-255044/11-A	Lab Control Sample	Total/NA	Water	7470A	255044
LCSD 860-255044/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	255044

Analysis Batch: 255398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	6010D	255084
860-108794-1	MW-11	Total/NA	Water	6010D	255084
MB 860-255084/1-A	Method Blank	Total/NA	Water	6010D	255084
LCS 860-255084/2-A	Lab Control Sample	Total/NA	Water	6010D	255084
LCSD 860-255084/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	255084

Analysis Batch: 255428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	6020B	255073
MB 860-255073/1-A	Method Blank	Total/NA	Water	6020B	255073
LCS 860-255073/2-A	Lab Control Sample	Total/NA	Water	6020B	255073
LCSD 860-255073/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	255073

General Chemistry

Analysis Batch: 255125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	SM 1030E	

Analysis Batch: 255962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	9040C	

Analysis Batch: 255996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	420.4	
MB 860-255996/16	Method Blank	Total/NA	Water	420.4	
LCS 860-255996/17	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-255996/18	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 256188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	SM 2320B	
MB 860-256188/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-256188/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-256188/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 256414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	Kelada 01	
MB 860-256414/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-256414/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-256414/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-256414/27	Lab Control Sample	Total/NA	Water	Kelada 01	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

General Chemistry

Analysis Batch: 256475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	SM 2540C	
MB 860-256475/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-256475/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Client Sample ID: MW-11
Date Collected: 08/12/25 12:33
Date Received: 08/13/25 08:56

Lab Sample ID: 860-108794-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256400	08/20/25 22:32	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	254968	08/14/25 09:40	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	256134	08/19/25 10:51	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256113	08/19/25 17:27	T1S	EET HOU
Total/NA	Prep	3511			40.2 mL	5 mL	255130	08/15/25 06:49	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	255672	08/16/25 19:54	WP	EET HOU
Total/NA	Analysis	300.0		1			254856	08/13/25 16:12	W1N	EET HOU
Total/NA	Analysis	300.0		1			254857	08/13/25 16:12	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255084	08/14/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			255398	08/14/25 15:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255084	08/14/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		5			255398	08/14/25 15:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255073	08/14/25 08:59	MD	EET HOU
Total/NA	Analysis	6020B		1			255428	08/14/25 19:34	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	255044	08/14/25 07:05	AGR	EET HOU
Total/NA	Analysis	7470A		1			255302	08/14/25 21:44	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	255996	08/18/25 15:48	BW	EET HOU
Total/NA	Analysis	9040C		1			255962	08/18/25 14:57	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 15:47	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255125	08/14/25 15:42	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			256188	08/19/25 12:15	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	256475	08/20/25 13:27	AP	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108794-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-108794-1	MW-11	Water	08/12/25 12:33	08/13/25 08:56	Texas

Page 941 of 1771

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
MW-11	8-12-25	12 33	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-108794 Chain of Custody

NFE

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 8-12-25 1615	Company Terracon	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8/13/25 8:56	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Honest 4.3

Ver 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Page 36 of 37
8/25/2025
Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108794-1

Login Number: 108794 **List Source: Eurofins Houston**
List Number: 1
Creator: Torrez, Lisandra

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/11/2025 9:35:09 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-108794-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

Eurofins Houston

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/11/2025 9:35:09 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-108794-2

Table of Contents

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108794-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU 37

Job ID: 860-108794-2

Job ID: 860-108794-2 Eurofins Houston

Job Narrative
860-108794-2

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

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

Receipt
The samples were received on 8/13/2025 8:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.3°C.

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 732425

The method blank (MB) exhibits activity above the requested limit (RL) for Gross Alpha. Associated sample(s) have activity below the RL. The data for the following samples have been reported with this narrative: MW-11 (860-108794-1) and (400-280763-F-1-G)

Method 900.0: Gross Alpha Beta Batch 732425

The detection goal was not met for the following sample due to a reduction of the sample size attributed to high residual mass: MW-11 (860-108794-1). Analytical results are reported with the detection limit achieved.

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

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Client Sample ID: MW-11 Lab Sample ID: 860-108794-1

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Client Sample ID: MW-11

Date Collected: 08/12/25 12:33
Date Received: 08/13/25 08:56

Lab Sample ID: 860-108794-1

Matrix: Water

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	1.59	U G	7.31	7.31	3.00	13.3	pCi/L	08/18/25 09:07	08/20/25 07:53	1
Gross Beta	3.52	U G	2.85	2.87	4.00	4.48	pCi/L	08/18/25 09:07	08/20/25 07:53	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0430	U	0.205	0.205	1.00	0.394	pCi/L	08/18/25 08:00	09/09/25 17:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*08/18/25 08:00*	*09/09/25 17:30*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.231	U	0.425	0.425	1.00	0.731	pCi/L	08/18/25 08:08	09/09/25 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:44*	*1*
Y Carrier	*79.6*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:44*	*1*

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Method: 903.0 - Radium-226 (GFPC)

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

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
860-108794-1	MW-11	77.5
LCS 160-732413/2-A	Lab Control Sample	83.9
MB 160-732413/1-A	Method Blank	90.0

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

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

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
860-108794-1	MW-11	77.5	79.6
LCS 160-732414/2-A	Lab Control Sample	83.9	80.7
MB 160-732414/1-A	Method Blank	90.0	78.5

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-732425/1-A
Matrix: Water
Analysis Batch: 732942

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732425

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	8.616		1.38	1.69	3.00	0.966	pCi/L	08/18/25 09:05	08/21/25 07:23	1
Gross Beta	-0.7267	U	0.664	0.668	4.00	1.07	pCi/L	08/18/25 09:05	08/21/25 07:23	1

Lab Sample ID: LCS 160-732425/2-A
Matrix: Water
Analysis Batch: 732667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732425

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	49.4	59.13		8.38	3.00	2.14	pCi/L	120	75 - 125

Lab Sample ID: LCSB 160-732425/3-A
Matrix: Water
Analysis Batch: 732667

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732425

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.4	70.09		7.57	4.00	1.16	pCi/L	101	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-732413/1-A
Matrix: Water
Analysis Batch: 735288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732413

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01388	U	0.161	0.161	1.00	0.327	pCi/L	08/18/25 08:00	09/09/25 15:05	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*08/18/25 08:00*	*09/09/25 15:05*	*1*

Lab Sample ID: LCS 160-732413/2-A
Matrix: Water
Analysis Batch: 735288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732413

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.808		1.24	1.00	0.353	pCi/L	92	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.9*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-732414/1-A
Matrix: Water
Analysis Batch: 735313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732414

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5181	U	0.382	0.385	1.00	0.586	pCi/L	08/18/25 08:08	09/09/25 11:42	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:42*	*1*
Y Carrier	*78.5*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:42*	*1*

Lab Sample ID: LCS 160-732414/2-A
Matrix: Water
Analysis Batch: 735312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732414

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.09	11.35		1.51	1.00	0.603	pCi/L	125	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.9*		*30 - 110*
Y Carrier	*80.7*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Rad

Prep Batch: 732413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	PrecSep-21	
MB 160-732413/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732413/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	PrecSep_0	
MB 160-732414/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732414/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108794-1	MW-11	Total/NA	Water	Evaporation	
MB 160-732425/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-732425/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-732425/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Client Sample ID: MW-11
Date Collected: 08/12/25 12:33
Date Received: 08/13/25 08:56

Lab Sample ID: 860-108794-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			41.00 mL	1.0 g	732425	08/18/25 09:07	TYB	EET SL
Total/NA	Analysis	900.0		1	1.0 mL	1.0 mL	732821	08/20/25 07:53	SWS	EET SL
Total/NA	Prep	PrecSep-21			1002.86 mL	1.0 g	732413	08/18/25 08:00	JTR	EET SL
Total/NA	Analysis	903.0		1			735312	09/09/25 17:30	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.86 mL	1.0 g	732414	08/18/25 08:08	JTR	EET SL
Total/NA	Analysis	904.0		1			735314	09/09/25 11:44	FLC	EET SL

Laboratory References:
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-108794-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108794-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-108794-1	MW-11	Water	08/12/25 12:33	08/13/25 08:56	Texas

Page 958 of 1771

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: D HNO3; N None; S H2SO4; A HCL; B NaOH; Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
MW-11	8-12-25	12 33	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
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				Water																	
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				Water																	
				Water																	
				Water																	
				Water																	

860-108794 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		8-12-25 1615	Terracon			
2		Date/Time:	Company	Received by:	Date/Time: 8/13/25 8:56	Company
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: Hold 4.3

Ver 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Page 16 of 19
9/11/2025
Released to Imaging: 3/12/2026 2:34:23 PM

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-247389.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-108794-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/21/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-11 (860-108794-1)	8/12/25	12:33 Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	8-14-25 1700			0830 AUG 15 2025	
Relinquished by:	Date/Time:	Company	Received by: Cheyanne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108794-2

Login Number: 108794 **List Source: Eurofins Houston**
List Number: 1
Creator: Torrez, Lisandra

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108794-2

Login Number: 108794
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/15/25 12:39 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424
Generated 8/25/2025 10:39:11 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109072-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

Eurofins Houston

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/25/2025 10:39:11 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109072-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-1
Project/Site: EBDU 37

Glossary (Continued)

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

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-1
Project: EBDU 37

Job ID: 860-109072-1 Eurofins Houston

Job Narrative
860-109072-1

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

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

Receipt
The samples were received on 8/15/2025 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.5°C and 2.7°C.

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

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

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

PCBs
Method 8082A: Surrogate DCB (Decachlorobiphenyl) in the continuing calibration verification (CCV) for batch 860-255672 was below the control limit (%D). The surrogate was recovered within laboratory control limits in primary and secondary column, therefore data was accepted.

(CCVIS 860-255672/4)

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

HPLC/IC
Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-255461 contained Chloride and Sulfate above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-255461 contained Sulfate above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: TMW-4 (860-109072-3). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-5 (860-109072-2) and TMW-4 (860-109072-3). Elevated reporting limits (RLs) are provided.

Method 300_ORGFMS: The continuing calibration blank (CCB) for analytical batch 860-255462 contained Nitrate as N above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFMS: The following sample was diluted to bring the concentration of target analytes within the calibration range:

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-1
Project: EBDU 37

Job ID: 860-109072-1 (Continued) Eurofins Houston

TMW-27 (860-109072-1). Elevated reporting limits (RLs) are provided.

Method 300_ORGFMS: Reanalysis of the following sample was performed outside of the analytical holding time due to <QC fail> : TMW-27 (860-109072-1).

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

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

General Chemistry
Method 2540C_Calcd: The sample duplicate (DUP) precision for analytical batch 860-256805 was outside control limits. Sample non-homogeneity is suspected.

Method 420.4_NP: The following samples were diluted due to the presence of unknown interferents: TMW-27 (860-109072-1) and TMW-5 (860-109072-2). Elevated reporting limits (RLs) are provided.

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

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-27 — Lab Sample ID: 860-109072-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3880		5.00	2.50	mg/L	10		300.0	Total/NA
Nitrate as N	3.62	H	1.00	0.391	mg/L	10		300.0	Total/NA
Sulfate	410		5.00	2.00	mg/L	10		300.0	Total/NA
Calcium	860		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.769		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	131		10.0	2.22	mg/L	50		6010D	Total/NA
Sodium	2170		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	168		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	55.4		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	14.4		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.15		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00208	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.123		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	1.20		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.00197	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000566	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Manganese	0.0447		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00224		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00224		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0277		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00644		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0112		0.00400	0.00274	mg/L	1		6020B	Total/NA
Mercury	0.0000730	J	0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	7.04	HF			SU	1		9040C	Total/NA
Temperature	16.3	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.04	HF			SU	1		9040C	Total/NA
Total Cations	148				meq/L	1		SM 1030E	Total/NA
Total Anions	123				meq/L	1		SM 1030E	Total/NA
Percent Difference	9.46				%	1		SM 1030E	Total/NA
Alkalinity	134		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	134		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7780		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-5 — Lab Sample ID: 860-109072-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.35		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.608		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	226		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	2890		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	1300		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.104	J	0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	180		10.0	2.22	mg/L	50		6010D	Total/NA
Sodium	1050		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	109		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	69.1		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	9.21		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.110		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00228	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.189		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.373		0.0100	0.00401	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

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Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-5 (Continued) Lab Sample ID: 860-109072-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	0.00138	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00147	J	0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.000552	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000778	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0309		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00579		0.00100	0.000211	mg/L	1		6020B	Total/NA
Mercury	0.000534		0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	6.87	HF			SU	1		9040C	Total/NA
Temperature	16.4	HF			Degrees C	1		9040C	Total/NA
Corrosivity	6.87	HF			SU	1		9040C	Total/NA
Total Cations	125				meq/L	1		SM 1030E	Total/NA
Total Anions	91.4				meq/L	1		SM 1030E	Total/NA
Percent Difference	15.6				%	1		SM 1030E	Total/NA
Alkalinity	136		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	136		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7610		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-4 Lab Sample ID: 860-109072-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.772		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.71		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	314		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	585		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	178		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.157	J	0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	15.1		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	570		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	137		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	58.9		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.42		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.297		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00606		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0338		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.498		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00245	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00374		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00576		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000659	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0326		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00297		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.37	HF			SU	1		9040C	Total/NA
Temperature	16.9	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.37	HF			SU	1		9040C	Total/NA
Total Cations	35.0				meq/L	1		SM 1030E	Total/NA
Total Anions	29.2				meq/L	1		SM 1030E	Total/NA
Percent Difference	8.98				%	1		SM 1030E	Total/NA
Alkalinity	204		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	204		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2020		20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-27

Date Collected: 08/14/25 08:23
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 07:34	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 07:34	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/21/25 07:34*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/21/25 07:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 21:30	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 21:30	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 21:30	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 21:30	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 21:30	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 21:30	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 21:30	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 21:30	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 21:30	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 21:30	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 21:30	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 21:30	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 21:30	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 21:30	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 21:30	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 21:30	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/20/25 21:30	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 21:30	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 21:30	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 21:30	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 21:30	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/20/25 21:30	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/20/25 21:30*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/20/25 21:30*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 131*		*08/20/25 21:30*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/20/25 21:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/21/25 09:55	08/21/25 16:38	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/21/25 09:55	08/21/25 16:38	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/21/25 09:55	08/21/25 16:38	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/21/25 09:55	08/21/25 16:38	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/21/25 09:55	08/21/25 16:38	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/21/25 09:55	08/21/25 16:38	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/21/25 09:55	08/21/25 16:38	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/21/25 09:55	08/21/25 16:38	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-27

Date Collected: 08/14/25 08:23
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/21/25 09:55	08/21/25 16:38	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/21/25 09:55	08/21/25 16:38	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/21/25 09:55	08/21/25 16:38	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/21/25 09:55	08/21/25 16:38	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/21/25 09:55	08/21/25 16:38	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/21/25 09:55	08/21/25 16:38	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/21/25 09:55	08/21/25 16:38	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/21/25 09:55	08/21/25 16:38	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/21/25 09:55	08/21/25 16:38	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/21/25 09:55	08/21/25 16:38	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/21/25 09:55	08/21/25 16:38	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/21/25 09:55	08/21/25 16:38	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/21/25 09:55	08/21/25 16:38	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/21/25 09:55	08/21/25 16:38	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/21/25 09:55	08/21/25 16:38	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/21/25 09:55	08/21/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*35 - 130*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
2-Fluorobiphenyl	*91*		*43 - 130*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
2-Fluorophenol (Surr)	*75*		*19 - 120*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
2-Fluorobiphenyl	*91*		*43 - 130*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
Phenol-d5 (Surr)	*41*		*8 - 124*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
p-Terphenyl-d14 (Surr)	*100*		*47 - 130*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*	*08/21/25 09:55*	*08/21/25 16:38*	*1*
p-Terphenyl-d14 (Surr)	*100*		*47 - 130*	*08/21/25 09:55*	*08/21/25 16:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000530	U	0.000289	0.0000530	mg/L		08/15/25 11:37	08/19/25 14:19	1
PCB-1221	<0.0000530	U	0.000577	0.0000530	mg/L		08/15/25 11:37	08/19/25 14:19	1
PCB-1232	<0.0000530	U	0.000577	0.0000530	mg/L		08/15/25 11:37	08/19/25 14:19	1
PCB-1242	<0.0000530	U	0.000289	0.0000530	mg/L		08/15/25 11:37	08/19/25 14:19	1
PCB-1248	<0.0000530	U	0.000577	0.0000530	mg/L		08/15/25 11:37	08/19/25 14:19	1
PCB-1254	<0.0000698	U	0.000577	0.0000698	mg/L		08/15/25 11:37	08/19/25 14:19	1
PCB-1260	<0.0000698	U	0.000289	0.0000698	mg/L		08/15/25 11:37	08/19/25 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*52 - 134*	*08/15/25 11:37*	*08/19/25 14:19*	*1*
DCB Decachlorobiphenyl (Surr)	*28*		*28 - 94*	*08/15/25 11:37*	*08/19/25 14:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3880**		5.00	2.50	mg/L			08/19/25 16:17	10
Nitrate as N	**3.62**	**H**	1.00	0.391	mg/L			08/20/25 13:00	10
Fluoride	<1.00	U	5.00	1.00	mg/L			08/19/25 16:17	10
Nitrite as N	<0.699	U H	1.00	0.699	mg/L			08/20/25 13:00	10
Sulfate	**410**		5.00	2.00	mg/L			08/19/25 16:17	10

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-27

Date Collected: 08/14/25 08:23
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-1

Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**860**		10.0	5.08	mg/L		08/19/25 10:50	08/19/25 18:51	50
Iron	**0.769**		0.200	0.0283	mg/L		08/19/25 10:50	08/19/25 18:42	1
Magnesium	**131**		10.0	2.22	mg/L		08/19/25 10:50	08/19/25 18:51	50
Sodium	**2170**		25.0	7.59	mg/L		08/19/25 10:50	08/19/25 18:51	50
Sulfur	**168**		5.00	1.85	mg/L		08/19/25 10:50	08/19/25 18:51	50
SiO2	**55.4**		1.07	0.370	mg/L		08/19/25 10:50	08/19/25 18:42	1
Potassium	**14.4**		0.500	0.106	mg/L		08/19/25 10:50	08/19/25 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.15**		0.0200	0.00549	mg/L		08/16/25 08:11	08/18/25 22:19	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/16/25 08:11	08/18/25 22:19	1
Arsenic	**0.00208**	**J**	0.00400	0.000690	mg/L		08/16/25 08:11	08/18/25 22:19	1
Barium	**0.123**		0.00400	0.00134	mg/L		08/16/25 08:11	08/18/25 22:19	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/16/25 08:11	08/20/25 14:07	1
Boron	**1.20**		0.100	0.0401	mg/L		08/16/25 08:11	08/20/25 12:35	10
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/16/25 08:11	08/18/25 22:19	1
Chromium	**0.00197**	**J**	0.00400	0.000560	mg/L		08/16/25 08:11	08/18/25 22:19	1
Cobalt	**0.000566**	**J**	0.00200	0.000355	mg/L		08/16/25 08:11	08/18/25 22:19	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/16/25 08:11	08/18/25 22:19	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/16/25 08:11	08/18/25 22:19	1
Manganese	**0.0447**		0.00200	0.000759	mg/L		08/16/25 08:11	08/18/25 22:19	1
Molybdenum	**0.00224**		0.00200	0.000255	mg/L		08/16/25 08:11	08/18/25 22:19	1
Nickel	**0.00224**		0.00200	0.000528	mg/L		08/16/25 08:11	08/18/25 22:19	1
Selenium	**0.0277**		0.00200	0.000590	mg/L		08/16/25 08:11	08/20/25 14:07	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/16/25 08:11	08/20/25 14:07	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/16/25 08:11	08/18/25 22:19	1
Uranium	**0.00644**		0.00100	0.000211	mg/L		08/16/25 08:11	08/18/25 22:19	1
Zinc	**0.0112**		0.00400	0.00274	mg/L		08/16/25 08:11	08/18/25 22:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0000730**	**J**	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0580	U	0.100	0.0580	mg/L			08/20/25 16:29	10
pH (SW846 9040C)	**7.04**	**HF**			SU			08/19/25 19:27	1
Temperature (SW846 9040C)	**16.3**	**HF**			Degrees C			08/19/25 19:27	1
Corrosivity (SW846 9040C)	**7.04**	**HF**			SU			08/19/25 19:27	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 19:22	1
Total Cations (SM 1030E)	**148**				meq/L			08/19/25 18:51	1
Total Anions (SM 1030E)	**123**				meq/L			08/19/25 18:51	1
Percent Difference (SM 1030E)	**9.46**				%			08/19/25 18:51	1
Alkalinity (SM 2320B)	**134**		4.00	4.00	mg/L			08/20/25 15:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**134**		4.00	4.00	mg/L			08/20/25 15:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:10	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:10	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:10	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-27

Lab Sample ID: 860-109072-1
Matrix: Water
Date Collected: 08/14/25 08:23
Date Received: 08/15/25 08:53

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7780		100	100	mg/L			08/21/25 15:52	1

Client Sample ID: TMW-5

Lab Sample ID: 860-109072-2
Matrix: Water
Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 07:54	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 07:54	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/21/25 07:54*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*08/21/25 07:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 21:51	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 21:51	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 21:51	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 21:51	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 21:51	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 21:51	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 21:51	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 21:51	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 21:51	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 21:51	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 21:51	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 21:51	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 21:51	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 21:51	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 21:51	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 21:51	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/20/25 21:51	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 21:51	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 21:51	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 21:51	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 21:51	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/20/25 21:51	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/20/25 21:51*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/20/25 21:51*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/20/25 21:51*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/20/25 21:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/21/25 09:55	08/21/25 17:08	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-5
Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/21/25 09:55	08/21/25 17:08	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/21/25 09:55	08/21/25 17:08	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/21/25 09:55	08/21/25 17:08	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/21/25 09:55	08/21/25 17:08	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/21/25 09:55	08/21/25 17:08	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/21/25 09:55	08/21/25 17:08	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/21/25 09:55	08/21/25 17:08	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/21/25 09:55	08/21/25 17:08	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/21/25 09:55	08/21/25 17:08	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/21/25 09:55	08/21/25 17:08	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/21/25 09:55	08/21/25 17:08	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/21/25 09:55	08/21/25 17:08	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/21/25 09:55	08/21/25 17:08	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/21/25 09:55	08/21/25 17:08	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/21/25 09:55	08/21/25 17:08	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/21/25 09:55	08/21/25 17:08	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/21/25 09:55	08/21/25 17:08	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/21/25 09:55	08/21/25 17:08	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/21/25 09:55	08/21/25 17:08	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/21/25 09:55	08/21/25 17:08	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/21/25 09:55	08/21/25 17:08	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/21/25 09:55	08/21/25 17:08	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/21/25 09:55	08/21/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 130*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
2-Fluorobiphenyl	*89*		*43 - 130*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
2-Fluorophenol (Surr)	*68*		*19 - 120*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
2-Fluorobiphenyl	*89*		*43 - 130*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
Phenol-d5 (Surr)	*35*		*8 - 124*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 130*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*08/21/25 09:55*	*08/21/25 17:08*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 130*	*08/21/25 09:55*	*08/21/25 17:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000578	U	0.000315	0.0000578	mg/L		08/15/25 11:37	08/16/25 18:01	1
PCB-1221	<0.0000578	U	0.000630	0.0000578	mg/L		08/15/25 11:37	08/16/25 18:01	1
PCB-1232	<0.0000578	U	0.000630	0.0000578	mg/L		08/15/25 11:37	08/16/25 18:01	1
PCB-1242	<0.0000578	U	0.000315	0.0000578	mg/L		08/15/25 11:37	08/16/25 18:01	1
PCB-1248	<0.0000578	U	0.000630	0.0000578	mg/L		08/15/25 11:37	08/16/25 18:01	1
PCB-1254	<0.0000761	U	0.000630	0.0000761	mg/L		08/15/25 11:37	08/16/25 18:01	1
PCB-1260	<0.0000761	U	0.000315	0.0000761	mg/L		08/15/25 11:37	08/16/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*104*		*52 - 134*	*08/15/25 11:37*	*08/16/25 18:01*	*1*
DCB Decachlorobiphenyl (Surr)	*50*		*28 - 94*	*08/15/25 11:37*	*08/16/25 18:01*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-5
Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.35		0.100	0.0391	mg/L			08/15/25 14:43	1
Fluoride	0.608		0.500	0.100	mg/L			08/15/25 14:43	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/15/25 14:43	1
Sulfate	226		0.500	0.200	mg/L			08/15/25 14:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2890		5.00	2.50	mg/L			08/19/25 16:04	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1300		10.0	5.08	mg/L		08/19/25 10:50	08/19/25 18:53	50
Iron	0.104	J	0.200	0.0283	mg/L		08/19/25 10:50	08/19/25 18:44	1
Magnesium	180		10.0	2.22	mg/L		08/19/25 10:50	08/19/25 18:53	50
Sodium	1050		25.0	7.59	mg/L		08/19/25 10:50	08/19/25 18:53	50
Sulfur	109		5.00	1.85	mg/L		08/19/25 10:50	08/19/25 18:53	50
SiO2	69.1		1.07	0.370	mg/L		08/19/25 10:50	08/19/25 18:44	1
Potassium	9.21		0.500	0.106	mg/L		08/19/25 10:50	08/19/25 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.110		0.0200	0.00549	mg/L		08/16/25 08:11	08/18/25 22:22	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/16/25 08:11	08/18/25 22:22	1
Arsenic	0.00228	J	0.00400	0.000690	mg/L		08/16/25 08:11	08/18/25 22:22	1
Barium	0.189		0.00400	0.00134	mg/L		08/16/25 08:11	08/18/25 22:22	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/16/25 08:11	08/20/25 12:32	1
Boron	0.373		0.0100	0.00401	mg/L		08/16/25 08:11	08/20/25 12:32	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/16/25 08:11	08/18/25 22:22	1
Chromium	0.00138	J	0.00400	0.000560	mg/L		08/16/25 08:11	08/18/25 22:22	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/16/25 08:11	08/18/25 22:22	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/16/25 08:11	08/18/25 22:22	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/16/25 08:11	08/18/25 22:22	1
Manganese	0.00147	J	0.00200	0.000759	mg/L		08/16/25 08:11	08/18/25 22:22	1
Molybdenum	0.000552	J	0.00200	0.000255	mg/L		08/16/25 08:11	08/18/25 22:22	1
Nickel	0.000778	J	0.00200	0.000528	mg/L		08/16/25 08:11	08/18/25 22:22	1
Selenium	0.0309		0.00200	0.000590	mg/L		08/16/25 08:11	08/20/25 12:32	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/16/25 08:11	08/20/25 12:32	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/16/25 08:11	08/18/25 22:22	1
Uranium	0.00579		0.00100	0.000211	mg/L		08/16/25 08:11	08/18/25 22:22	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/16/25 08:11	08/18/25 22:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000534		0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0580	U	0.100	0.0580	mg/L			08/20/25 16:31	10
pH (SW846 9040C)	6.87	HF			SU			08/19/25 19:29	1
Temperature (SW846 9040C)	16.4	HF			Degrees C			08/19/25 19:29	1
Corrosivity (SW846 9040C)	6.87	HF			SU			08/19/25 19:29	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-5

Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-2
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 19:25	1
Total Cations (SM 1030E)	**125**				meq/L			08/19/25 18:53	1
Total Anions (SM 1030E)	**91.4**				meq/L			08/19/25 18:53	1
Percent Difference (SM 1030E)	**15.6**				%			08/19/25 18:53	1
Alkalinity (SM 2320B)	**136**		4.00	4.00	mg/L			08/20/25 15:16	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**136**		4.00	4.00	mg/L			08/20/25 15:16	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:16	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:16	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:16	1
Total Dissolved Solids (SM 2540C)	**7610**		100	100	mg/L			08/21/25 15:52	1

Client Sample ID: TMW-4

Date Collected: 08/14/25 12:11
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 08:15	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 08:15	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/21/25 08:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/21/25 08:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 22:11	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 22:11	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 22:11	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 22:11	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 22:11	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 22:11	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 22:11	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 22:11	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 22:11	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 22:11	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 22:11	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 22:11	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 22:11	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 22:11	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 22:11	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 22:11	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/20/25 22:11	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 22:11	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 22:11	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 22:11	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 22:11	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/20/25 22:11	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-4
Date Collected: 08/14/25 12:11
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/20/25 22:11*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/20/25 22:11*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/20/25 22:11*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/20/25 22:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/21/25 09:55	08/21/25 17:38	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/21/25 09:55	08/21/25 17:38	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/21/25 09:55	08/21/25 17:38	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/21/25 09:55	08/21/25 17:38	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/21/25 09:55	08/21/25 17:38	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/21/25 09:55	08/21/25 17:38	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/21/25 09:55	08/21/25 17:38	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/21/25 09:55	08/21/25 17:38	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/21/25 09:55	08/21/25 17:38	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/21/25 09:55	08/21/25 17:38	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/21/25 09:55	08/21/25 17:38	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/21/25 09:55	08/21/25 17:38	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/21/25 09:55	08/21/25 17:38	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/21/25 09:55	08/21/25 17:38	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/21/25 09:55	08/21/25 17:38	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/21/25 09:55	08/21/25 17:38	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/21/25 09:55	08/21/25 17:38	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/21/25 09:55	08/21/25 17:38	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/21/25 09:55	08/21/25 17:38	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/21/25 09:55	08/21/25 17:38	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/21/25 09:55	08/21/25 17:38	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/21/25 09:55	08/21/25 17:38	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/21/25 09:55	08/21/25 17:38	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/21/25 09:55	08/21/25 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*35 - 130*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
2-Fluorobiphenyl	*92*		*43 - 130*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
2-Fluorophenol (Surr)	*72*		*19 - 120*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
2-Fluorobiphenyl	*92*		*43 - 130*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
Phenol-d5 (Surr)	*47*		*8 - 124*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
p-Terphenyl-d14 (Surr)	*99*		*47 - 130*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
Nitrobenzene-d5 (Surr)	*112*		*37 - 133*	*08/21/25 09:55*	*08/21/25 17:38*	*1*
p-Terphenyl-d14 (Surr)	*99*		*47 - 130*	*08/21/25 09:55*	*08/21/25 17:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000580	U	0.000316	0.0000580	mg/L		08/15/25 11:37	08/16/25 17:50	1
PCB-1221	<0.0000580	U	0.000631	0.0000580	mg/L		08/15/25 11:37	08/16/25 17:50	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-4

Date Collected: 08/14/25 12:11
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-3

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.0000580	U	0.000631	0.0000580	mg/L		08/15/25 11:37	08/16/25 17:50	1
PCB-1242	<0.0000580	U	0.000316	0.0000580	mg/L		08/15/25 11:37	08/16/25 17:50	1
PCB-1248	<0.0000580	U	0.000631	0.0000580	mg/L		08/15/25 11:37	08/16/25 17:50	1
PCB-1254	<0.0000763	U	0.000631	0.0000763	mg/L		08/15/25 11:37	08/16/25 17:50	1
PCB-1260	<0.0000763	U	0.000316	0.0000763	mg/L		08/15/25 11:37	08/16/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*52 - 134*	*08/15/25 11:37*	*08/16/25 17:50*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*28 - 94*	*08/15/25 11:37*	*08/16/25 17:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.772**		0.100	0.0391	mg/L			08/15/25 16:25	1
Fluoride	**1.71**		0.500	0.100	mg/L			08/15/25 16:25	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/15/25 16:25	1
Sulfate	**314**		0.500	0.200	mg/L			08/15/25 16:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**585**		5.00	2.50	mg/L			08/19/25 16:10	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**178**		10.0	5.08	mg/L		08/19/25 10:50	08/19/25 18:50	50
Iron	**0.157**	**J**	0.200	0.0283	mg/L		08/19/25 10:50	08/19/25 18:41	1
Magnesium	**15.1**		0.200	0.0445	mg/L		08/19/25 10:50	08/19/25 18:41	1
Sodium	**570**		25.0	7.59	mg/L		08/19/25 10:50	08/19/25 18:50	50
Sulfur	**137**		5.00	1.85	mg/L		08/19/25 10:50	08/19/25 18:50	50
SiO2	**58.9**		1.07	0.370	mg/L		08/19/25 10:50	08/19/25 18:41	1
Potassium	**3.42**		0.500	0.106	mg/L		08/19/25 10:50	08/19/25 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.297**		0.0200	0.00549	mg/L		08/16/25 08:11	08/18/25 22:25	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/16/25 08:11	08/18/25 22:25	1
Arsenic	**0.00606**		0.00400	0.000690	mg/L		08/16/25 08:11	08/18/25 22:25	1
Barium	**0.0338**		0.00400	0.00134	mg/L		08/16/25 08:11	08/18/25 22:25	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/16/25 08:11	08/20/25 14:18	1
Boron	**0.498**		0.0500	0.0200	mg/L		08/16/25 08:11	08/20/25 12:38	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/16/25 08:11	08/18/25 22:25	1
Chromium	**0.00245**	**J**	0.00400	0.000560	mg/L		08/16/25 08:11	08/18/25 22:25	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/16/25 08:11	08/18/25 22:25	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/16/25 08:11	08/18/25 22:25	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/16/25 08:11	08/18/25 22:25	1
Manganese	**0.00374**		0.00200	0.000759	mg/L		08/16/25 08:11	08/18/25 22:25	1
Molybdenum	**0.00576**		0.00200	0.000255	mg/L		08/16/25 08:11	08/18/25 22:25	1
Nickel	**0.000659**	**J**	0.00200	0.000528	mg/L		08/16/25 08:11	08/18/25 22:25	1
Selenium	**0.0326**		0.00200	0.000590	mg/L		08/16/25 08:11	08/20/25 14:18	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/16/25 08:11	08/20/25 14:18	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/16/25 08:11	08/18/25 22:25	1
Uranium	**0.00297**		0.00100	0.000211	mg/L		08/16/25 08:11	08/18/25 22:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-4

Date Collected: 08/14/25 12:11
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/16/25 08:11	08/18/25 22:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 15:49	1
pH (SW846 9040C)	**7.37**	**HF**			SU			08/19/25 19:31	1
Temperature (SW846 9040C)	**16.9**	**HF**			Degrees C			08/19/25 19:31	1
Corrosivity (SW846 9040C)	**7.37**	**HF**			SU			08/19/25 19:31	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 19:28	1
Total Cations (SM 1030E)	**35.0**				meq/L			08/19/25 18:50	1
Total Anions (SM 1030E)	**29.2**				meq/L			08/19/25 18:50	1
Percent Difference (SM 1030E)	**8.98**				%			08/19/25 18:50	1
Alkalinity (SM 2320B)	**204**		4.00	4.00	mg/L			08/20/25 15:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**204**		4.00	4.00	mg/L			08/20/25 15:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:22	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:22	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:22	1
Total Dissolved Solids (SM 2540C)	**2020**		20.0	20.0	mg/L			08/21/25 15:52	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-109072-1	TMW-27	105	101	106	100
860-109072-2	TMW-5	103	100	104	101
860-109072-3	TMW-4	105	100	104	102
LCS 860-256400/1013	Lab Control Sample	99	99	100	99
LCSD 860-256400/14	Lab Control Sample Dup	99	97	101	99
MB 860-256400/19	Method Blank	100	101	101	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TOL (70-130)	BFB (70-130)
860-109072-1	TMW-27	100	99
860-109072-2	TMW-5	98	106
860-109072-3	TMW-4	99	100
LCS 860-256481/3	Lab Control Sample	101	99
LCSD 860-256481/4	Lab Control Sample Dup	103	98
MB 860-256481/6	Method Blank	102	100

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-109072-1	TMW-27	107	75	91	91	41	111	111	100
860-109072-2	TMW-5	95	68	89	89	35	106	106	93
860-109072-3	TMW-4	107	72	92	92	47	112	112	99
LCS 860-256672/2-A	Lab Control Sample	100	93	97	97	76	94	94	88
LCS 860-256672/4-A	Lab Control Sample	85	84	91	91	74	96	96	80
LCSD 860-256672/5-A	Lab Control Sample Dup	72	74	80	80	65	81	81	70
MB 860-256672/1-A	Method Blank	78	93	91	91	70	84	84	85

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-109072-1	TMW-27	100
860-109072-2	TMW-5	93
860-109072-3	TMW-4	99
LCS 860-256672/2-A	Lab Control Sample	88
LCS 860-256672/4-A	Lab Control Sample	80

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-1
Project/Site: EBDU 37

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

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
LCSD 860-256672/5-A	Lab Control Sample Dup	70
MB 860-256672/1-A	Method Blank	85

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)
860-109072-1	TMW-27	91	28
860-109072-2	TMW-5	104	50
860-109072-3	TMW-4	85	67
LCS 860-255130/4-A	Lab Control Sample	97	70
LCSD 860-255130/5-A	Lab Control Sample Dup	101	74
MB 860-255130/1-A	Method Blank	102	74

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

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

Lab Sample ID: MB 860-256400/19
Matrix: Water
Analysis Batch: 256400

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 17:04	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 17:04	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 17:04	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 17:04	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 17:04	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 17:04	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 17:04	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 17:04	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 17:04	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 17:04	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 17:04	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 17:04	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 17:04	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 17:04	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 17:04	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 17:04	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/20/25 17:04	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 17:04	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 17:04	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 17:04	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 17:04	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/20/25 17:04	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/20/25 17:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*08/20/25 17:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/20/25 17:04*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*08/20/25 17:04*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/20/25 17:04*	*1*

Lab Sample ID: LCS 860-256400/1013
Matrix: Water
Analysis Batch: 256400

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05215		mg/L		104	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04869		mg/L		97	74 - 125
1,1,2-Trichloroethane	0.0500	0.05089		mg/L		102	75 - 130
1,1-Dichloroethane	0.0500	0.05214		mg/L		104	71 - 130
1,1-Dichloroethene	0.0500	0.05209		mg/L		104	50 - 150
1,2-Dibromoethane	0.0500	0.05214		mg/L		104	73 - 125
1,2-Dichloroethane	0.0500	0.05022		mg/L		100	72 - 130
1,2-Dichloropropane	0.0500	0.05070		mg/L		101	74 - 125
Benzene	0.0500	0.05136		mg/L		103	75 - 125
Carbon tetrachloride	0.0500	0.05182		mg/L		104	70 - 125
Chloroform	0.0500	0.05215		mg/L		104	70 - 121
Ethylbenzene	0.0500	0.05336		mg/L		107	75 - 125
MTBE	0.0500	0.05172		mg/L		103	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

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

Lab Sample ID: LCS 860-256400/1013
Matrix: Water
Analysis Batch: 256400

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	0.0500	0.04974		mg/L		99	71 - 125
Tetrachloroethene	0.0500	0.05141		mg/L		103	71 - 125
Toluene	0.0500	0.05050		mg/L		101	75 - 130
Trichloroethene	0.0500	0.05300		mg/L		106	75 - 135
Vinyl chloride	0.0500	0.04905		mg/L		98	60 - 140
cis-1,2-Dichloroethene	0.0500	0.05120		mg/L		102	75 - 125
trans-1,2-Dichloroethene	0.0500	0.05306		mg/L		106	75 - 125
o-Xylene	0.0500	0.05303		mg/L		106	75 - 125
m,p-Xylenes	0.0500	0.05374		mg/L		107	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-256400/14
Matrix: Water
Analysis Batch: 256400

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0500	0.05325		mg/L		106	70 - 130	2	25
1,1,2,2-Tetrachloroethane	0.0500	0.05056		mg/L		101	74 - 125	4	25
1,1,2-Trichloroethane	0.0500	0.05144		mg/L		103	75 - 130	1	25
1,1-Dichloroethane	0.0500	0.05206		mg/L		104	71 - 130	0	25
1,1-Dichloroethene	0.0500	0.05336		mg/L		107	50 - 150	2	25
1,2-Dibromoethane	0.0500	0.05271		mg/L		105	73 - 125	1	25
1,2-Dichloroethane	0.0500	0.05131		mg/L		103	72 - 130	2	25
1,2-Dichloropropane	0.0500	0.05162		mg/L		103	74 - 125	2	25
Benzene	0.0500	0.05249		mg/L		105	75 - 125	2	25
Carbon tetrachloride	0.0500	0.05285		mg/L		106	70 - 125	2	25
Chloroform	0.0500	0.05252		mg/L		105	70 - 121	1	25
Ethylbenzene	0.0500	0.05382		mg/L		108	75 - 125	1	25
MTBE	0.0500	0.05281		mg/L		106	65 - 135	2	25
Methylene Chloride	0.0500	0.05040		mg/L		101	71 - 125	1	25
Tetrachloroethene	0.0500	0.05362		mg/L		107	71 - 125	4	25
Toluene	0.0500	0.05164		mg/L		103	75 - 130	2	25
Trichloroethene	0.0500	0.05450		mg/L		109	75 - 135	3	25
Vinyl chloride	0.0500	0.04816		mg/L		96	60 - 140	2	25
cis-1,2-Dichloroethene	0.0500	0.05207		mg/L		104	75 - 125	2	25
trans-1,2-Dichloroethene	0.0500	0.05356		mg/L		107	75 - 125	1	25
o-Xylene	0.0500	0.05397		mg/L		108	75 - 125	2	25
m,p-Xylenes	0.0500	0.05464		mg/L		109	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

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

Lab Sample ID: LCSD 860-256400/14
Matrix: Water
Analysis Batch: 256400

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

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

Lab Sample ID: MB 860-256481/6
Matrix: Water
Analysis Batch: 256481

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 07:13	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 07:13	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 07:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		70 - 130		08/21/25 07:13	1
4-Bromofluorobenzene (Surr)	100		70 - 130		08/21/25 07:13	1

Lab Sample ID: LCS 860-256481/3
Matrix: Water
Analysis Batch: 256481

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 860-256481/4
Matrix: Water
Analysis Batch: 256481

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 860-256672/1-A
Matrix: Water
Analysis Batch: 256719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/21/25 09:55	08/21/25 13:32	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/21/25 09:55	08/21/25 13:32	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/21/25 09:55	08/21/25 13:32	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/21/25 09:55	08/21/25 13:32	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/21/25 09:55	08/21/25 13:32	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/21/25 09:55	08/21/25 13:32	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/21/25 09:55	08/21/25 13:32	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/21/25 09:55	08/21/25 13:32	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

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

Lab Sample ID: MB 860-256672/1-A
Matrix: Water
Analysis Batch: 256719

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/21/25 09:55	08/21/25 13:32	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/21/25 09:55	08/21/25 13:32	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/21/25 09:55	08/21/25 13:32	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/21/25 09:55	08/21/25 13:32	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/21/25 09:55	08/21/25 13:32	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/21/25 09:55	08/21/25 13:32	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/21/25 09:55	08/21/25 13:32	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/21/25 09:55	08/21/25 13:32	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/21/25 09:55	08/21/25 13:32	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/21/25 09:55	08/21/25 13:32	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/21/25 09:55	08/21/25 13:32	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/21/25 09:55	08/21/25 13:32	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/21/25 09:55	08/21/25 13:32	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/21/25 09:55	08/21/25 13:32	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/21/25 09:55	08/21/25 13:32	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/21/25 09:55	08/21/25 13:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*	*08/21/25 09:55*	*08/21/25 13:32*	*1*
2-Fluorophenol (Surr)	*93*		*19 - 120*	*08/21/25 09:55*	*08/21/25 13:32*	*1*
2-Fluorobiphenyl	*91*		*43 - 130*	*08/21/25 09:55*	*08/21/25 13:32*	*1*
Phenol-d5 (Surr)	*70*		*8 - 124*	*08/21/25 09:55*	*08/21/25 13:32*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*08/21/25 09:55*	*08/21/25 13:32*	*1*
p-Terphenyl-d14 (Surr)	*85*		*47 - 130*	*08/21/25 09:55*	*08/21/25 13:32*	*1*

Lab Sample ID: LCS 860-256672/2-A
Matrix: Water
Analysis Batch: 256719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	5.532		ug/L		97	52 - 125
2-Methylnaphthalene	5.71	5.768		ug/L		101	33 - 149
Acenaphthene	5.71	5.591		ug/L		98	48 - 136
Acenaphthylene	5.71	6.378		ug/L		112	40 - 149
Anthracene	5.71	5.878		ug/L		103	51 - 146
Benzo[a]anthracene	5.71	5.651		ug/L		99	43 - 145
Benzo[a]pyrene	5.71	5.756		ug/L		101	52 - 136
Benzo[b]fluoranthene	5.71	5.253		ug/L		92	45 - 140
Benzo[g,h,i]perylene	5.71	5.146		ug/L		90	44 - 137
Benzo[k]fluoranthene	5.71	5.837		ug/L		102	37 - 140
Chrysene	5.71	5.653		ug/L		99	47 - 137
Dibenz(a,h)anthracene	5.71	5.411		ug/L		95	50 - 147
Fluoranthene	5.71	5.927		ug/L		104	50 - 144
Fluorene	5.71	5.506		ug/L		96	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	4.680		ug/L		82	46 - 138
Naphthalene	5.71	5.052		ug/L		88	35 - 141
Phenanthrene	5.71	6.176		ug/L		108	54 - 141
Pyrene	5.71	5.785		ug/L		101	50 - 143

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

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

Lab Sample ID: LCS 860-256672/2-A
Matrix: Water
Analysis Batch: 256719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256672

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	100		35 - 130
2-Fluorophenol (Surr)	93		19 - 120
2-Fluorobiphenyl	97		43 - 130
Phenol-d5 (Surr)	76		8 - 124
Nitrobenzene-d5 (Surr)	94		37 - 133
p-Terphenyl-d14 (Surr)	88		47 - 130

Lab Sample ID: LCS 860-256672/4-A
Matrix: Water
Analysis Batch: 256719

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256672

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			22.9	18.43		ug/L		81	35 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	85		35 - 130
2-Fluorophenol (Surr)	84		19 - 120
2-Fluorobiphenyl	91		43 - 130
Phenol-d5 (Surr)	74		8 - 124
Nitrobenzene-d5 (Surr)	96		37 - 133
p-Terphenyl-d14 (Surr)	80		47 - 130

Lab Sample ID: LCSD 860-256672/5-A
Matrix: Water
Analysis Batch: 256719

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256672

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	16.99		ug/L		74	35 - 130	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	72		35 - 130
2-Fluorophenol (Surr)	74		19 - 120
2-Fluorobiphenyl	80		43 - 130
Phenol-d5 (Surr)	65		8 - 124
Nitrobenzene-d5 (Surr)	81		37 - 133
p-Terphenyl-d14 (Surr)	70		47 - 130

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-255130/1-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255130

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1221	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1232	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1242	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 860-255130/1-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255130

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1248	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1254	<0.0000756	U	0.000625	0.0000756	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1260	<0.0000756	U	0.000313	0.0000756	mg/L		08/14/25 11:37	08/16/25 15:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*52 - 134*	*08/14/25 11:37*	*08/16/25 15:24*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*28 - 94*	*08/14/25 11:37*	*08/16/25 15:24*	*1*

Lab Sample ID: LCS 860-255130/4-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255130

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00616	0.005767		mg/L		94	75 - 135		
PCB-1260			0.00616	0.005066		mg/L		82	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*70*		*28 - 94*

Lab Sample ID: LCSD 860-255130/5-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255130

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00627	0.005877		mg/L		94	75 - 135	2	20
PCB-1260			0.00627	0.005313		mg/L		85	65 - 115	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*101*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*74*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-255461/3
Matrix: Water
Analysis Batch: 255461

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/15/25 12:24	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/15/25 12:24	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/15/25 12:24	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-255461/4
Matrix: Water
Analysis Batch: 255461

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.333		mg/L		93	90 - 110
Fluoride	10.0	9.810		mg/L		98	90 - 110
Sulfate	10.0	9.280		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-255461/5
Matrix: Water
Analysis Batch: 255461

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.536		mg/L		95	90 - 110	2	20
Fluoride	10.0	9.992		mg/L		100	90 - 110	2	20
Sulfate	10.0	9.427		mg/L		94	90 - 110	2	20

Lab Sample ID: LLCS 860-255461/7
Matrix: Water
Analysis Batch: 255461

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6113		mg/L		122	50 - 150
Fluoride	0.500	0.4155	J	mg/L		83	50 - 150
Sulfate	0.500	0.5724		mg/L		114	50 - 150

Lab Sample ID: MB 860-255462/3
Matrix: Water
Analysis Batch: 255462

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/15/25 12:24	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/15/25 12:24	1

Lab Sample ID: LCS 860-255462/4
Matrix: Water
Analysis Batch: 255462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.834		mg/L		98	90 - 110
Nitrite as N	10.0	9.697		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-255462/5
Matrix: Water
Analysis Batch: 255462

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	9.953		mg/L		100	90 - 110	1	20
Nitrite as N	10.0	9.878		mg/L		99	90 - 110	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-255462/6
Matrix: Water
Analysis Batch: 255462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.09167	J	mg/L		92	50 - 150
Nitrite as N	0.100	<0.0699	U	mg/L		59	50 - 150

Lab Sample ID: MB 860-256137/3
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/19/25 11:49	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/19/25 11:49	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/19/25 11:49	1

Lab Sample ID: LCS 860-256137/4
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.169		mg/L		92	90 - 110
Fluoride	10.0	9.759		mg/L		98	90 - 110
Sulfate	10.0	9.049		mg/L		90	90 - 110

Lab Sample ID: LCSD 860-256137/5
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.449		mg/L		94	90 - 110	3	20
Fluoride	10.0	9.995		mg/L		100	90 - 110	2	20
Sulfate	10.0	9.303		mg/L		93	90 - 110	3	20

Lab Sample ID: LLCS 860-256137/7
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5892		mg/L		118	50 - 150
Fluoride	0.500	0.3897	J	mg/L		78	50 - 150
Sulfate	0.500	0.5552		mg/L		111	50 - 150

Lab Sample ID: MB 860-256375/3
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/20/25 09:49	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 09:49	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-256375/4
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.815		mg/L		98	90 - 110
Nitrite as N	10.0	9.674		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-256375/5
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.03		mg/L		100	90 - 110	2	20
Nitrite as N	10.0	9.902		mg/L		99	90 - 110	2	20

Lab Sample ID: LLCS 860-256375/6
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.08864	J	mg/L		89	50 - 150
Nitrite as N	0.100	<0.0699	U	mg/L		55	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-256139/1-A
Matrix: Water
Analysis Batch: 256353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/19/25 10:50	08/19/25 18:07	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/19/25 10:50	08/19/25 18:07	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/19/25 10:50	08/19/25 18:07	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/19/25 10:50	08/19/25 18:07	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/19/25 10:50	08/19/25 18:07	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/19/25 10:50	08/19/25 18:07	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/19/25 10:50	08/19/25 18:07	1

Lab Sample ID: LCS 860-256139/2-A
Matrix: Water
Analysis Batch: 256353

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.50		mg/L		102	80 - 120
Iron	5.00	5.430		mg/L		109	80 - 120
Magnesium	25.0	24.80		mg/L		99	80 - 120
Sodium	25.0	25.70		mg/L		103	80 - 120
Sulfur	5.00	5.140		mg/L		103	80 - 125
SiO2	21.4	23.11		mg/L		108	80 - 120
Potassium	10.0	10.40		mg/L		104	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-256139/3-A
Matrix: Water
Analysis Batch: 256353

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256139

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.50		mg/L		102	80 - 120	0	20
Iron	5.00	5.430		mg/L		109	80 - 120	0	20
Magnesium	25.0	24.80		mg/L		99	80 - 120	0	20
Sodium	25.0	25.70		mg/L		103	80 - 120	0	20
Sulfur	5.00	5.150		mg/L		103	80 - 125	0	20
SiO2	21.4	23.11		mg/L		108	80 - 120	0	20
Potassium	10.0	10.40		mg/L		104	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-255548/1-B
Matrix: Water
Analysis Batch: 256143

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255591

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/16/25 08:11	08/18/25 21:02	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/16/25 08:11	08/18/25 21:02	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/16/25 08:11	08/18/25 21:02	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/16/25 08:11	08/18/25 21:02	1
Beryllium	<0.000271	U ^+ ^1+	0.00200	0.000271	mg/L		08/16/25 08:11	08/18/25 21:02	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/16/25 08:11	08/18/25 21:02	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/16/25 08:11	08/18/25 21:02	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/16/25 08:11	08/18/25 21:02	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/16/25 08:11	08/18/25 21:02	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/16/25 08:11	08/18/25 21:02	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/16/25 08:11	08/18/25 21:02	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/16/25 08:11	08/18/25 21:02	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/16/25 08:11	08/18/25 21:02	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/16/25 08:11	08/18/25 21:02	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/16/25 08:11	08/18/25 21:02	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/16/25 08:11	08/18/25 21:02	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/16/25 08:11	08/18/25 21:02	1

Lab Sample ID: MB 860-255548/1-B
Matrix: Water
Analysis Batch: 256516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255591

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/16/25 08:11	08/20/25 12:13	1
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/16/25 08:11	08/20/25 12:13	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/16/25 08:11	08/20/25 12:13	1

Lab Sample ID: LCS 860-255548/2-B
Matrix: Water
Analysis Batch: 256143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4828		mg/L		97	80 - 120
Antimony	0.100	0.08206		mg/L		82	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-255548/2-B
Matrix: Water
Analysis Batch: 256143

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1013		mg/L		101	80 - 120
Barium	0.100	0.09866		mg/L		99	80 - 120
Cadmium	0.100	0.1003		mg/L		100	80 - 120
Chromium	0.100	0.1007		mg/L		101	80 - 120
Cobalt	0.100	0.09990		mg/L		100	80 - 120
Copper	0.100	0.09995		mg/L		100	80 - 120
Lead	0.100	0.09936		mg/L		99	80 - 120
Manganese	0.100	0.1017		mg/L		102	80 - 120
Molybdenum	0.100	0.09176		mg/L		92	80 - 120
Nickel	0.100	0.1007		mg/L		101	80 - 120
Selenium	0.100	0.1033		mg/L		103	80 - 120
Thallium	0.100	0.1040		mg/L		104	80 - 120
Uranium	0.0250	0.02546		mg/L		102	80 - 120
Zinc	0.100	0.1026		mg/L		103	80 - 120

Lab Sample ID: LCS 860-255548/2-B
Matrix: Water
Analysis Batch: 256516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255591

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.09901		mg/L		99	80 - 120
Boron	0.100	0.09111		mg/L		91	80 - 120
Silver	0.0500	0.05387		mg/L		108	80 - 120

Lab Sample ID: LCSD 860-255548/3-B
Matrix: Water
Analysis Batch: 256143

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255591

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4966		mg/L		99	80 - 120	3	20
Antimony	0.100	0.08540		mg/L		85	80 - 120	4	20
Arsenic	0.100	0.1024		mg/L		102	80 - 120	1	20
Barium	0.100	0.09921		mg/L		99	80 - 120	1	20
Cadmium	0.100	0.1008		mg/L		101	80 - 120	1	20
Chromium	0.100	0.09973		mg/L		100	80 - 120	1	20
Cobalt	0.100	0.09998		mg/L		100	80 - 120	0	20
Copper	0.100	0.09935		mg/L		99	80 - 120	1	20
Lead	0.100	0.1006		mg/L		101	80 - 120	1	20
Manganese	0.100	0.1002		mg/L		100	80 - 120	1	20
Molybdenum	0.100	0.09176		mg/L		92	80 - 120	0	20
Nickel	0.100	0.1004		mg/L		100	80 - 120	0	20
Selenium	0.100	0.1032		mg/L		103	80 - 120	0	20
Thallium	0.100	0.1046		mg/L		105	80 - 120	1	20
Uranium	0.0250	0.02568		mg/L		103	80 - 120	1	20
Zinc	0.100	0.1016		mg/L		102	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-255548/3-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256516 — **Prep Batch: 255591**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	0.100	0.09936		mg/L		99	80 - 120	0	20
Boron	0.100	0.09462		mg/L		95	80 - 120	4	20
Silver	0.0500	0.05311		mg/L		106	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-255548/24-B — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256311 — **Prep Batch: 256037**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:16	1

Lab Sample ID: LCS 860-255548/25-B — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256311 — **Prep Batch: 256037**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001909		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-255548/26-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256311 — **Prep Batch: 256037**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001937		mg/L		97	80 - 120	1	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-256563/16 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 14:26	1

Lab Sample ID: MB 860-256563/55 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256563

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 16:10	1

Lab Sample ID: LCS 860-256563/17 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256563

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09690		mg/L		97	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: LCS 860-256563/56
Matrix: Water
Analysis Batch: 256563

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09260		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-256563/18
Matrix: Water
Analysis Batch: 256563

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.09250		mg/L		93	90 - 110	5	20

Lab Sample ID: LCSD 860-256563/57
Matrix: Water
Analysis Batch: 256563

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.09560		mg/L		96	90 - 110	3	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-256414/108
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 19:01	1

Lab Sample ID: MB 860-256414/24
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 14:47	1

Lab Sample ID: LCS 860-256414/109
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.09657		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-256414/110
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.09598		mg/L		96	90 - 110	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: LLCS 860-256414/27
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.002988	J	mg/L		60	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-256513/34
Matrix: Water
Analysis Batch: 256513

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1

Lab Sample ID: LCS 860-256513/35
Matrix: Water
Analysis Batch: 256513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	243.7		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-256513/36
Matrix: Water
Analysis Batch: 256513

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	246.1		mg/L		98	85 - 115	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-256805/1
Matrix: Water
Analysis Batch: 256805

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/21/25 15:52	1

Lab Sample ID: LCS 860-256805/2
Matrix: Water
Analysis Batch: 256805

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	943.0		mg/L		94	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 860-109072-1 DU
Matrix: Water
Analysis Batch: 256805

Client Sample ID: TMW-27
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	7780			9350	F3	mg/L				18	10

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

GC/MS VOA

Analysis Batch: 256400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	8260D	
860-109072-2	TMW-5	Total/NA	Water	8260D	
860-109072-3	TMW-4	Total/NA	Water	8260D	
MB 860-256400/19	Method Blank	Total/NA	Water	8260D	
LCS 860-256400/1013	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-256400/14	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 256481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	8260D SIM	
860-109072-2	TMW-5	Total/NA	Water	8260D SIM	
860-109072-3	TMW-4	Total/NA	Water	8260D SIM	
MB 860-256481/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-256481/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-256481/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

GC/MS Semi VOA

Analysis Batch: 256661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	8270E	256672
860-109072-2	TMW-5	Total/NA	Water	8270E	256672
860-109072-3	TMW-4	Total/NA	Water	8270E	256672

Prep Batch: 256672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	3511	
860-109072-2	TMW-5	Total/NA	Water	3511	
860-109072-3	TMW-4	Total/NA	Water	3511	
MB 860-256672/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-256672/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-256672/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-256672/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 256719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256672/1-A	Method Blank	Total/NA	Water	8270E	256672
LCS 860-256672/2-A	Lab Control Sample	Total/NA	Water	8270E	256672
LCS 860-256672/4-A	Lab Control Sample	Total/NA	Water	8270E	256672
LCSD 860-256672/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	256672

GC Semi VOA

Prep Batch: 255130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	3511	
860-109072-2	TMW-5	Total/NA	Water	3511	
860-109072-3	TMW-4	Total/NA	Water	3511	
MB 860-255130/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-255130/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-255130/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-1
Project/Site: EBDU 37

GC Semi VOA

Analysis Batch: 255672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-2	TMW-5	Total/NA	Water	8082A	255130
860-109072-3	TMW-4	Total/NA	Water	8082A	255130
MB 860-255130/1-A	Method Blank	Total/NA	Water	8082A	255130
LCS 860-255130/4-A	Lab Control Sample	Total/NA	Water	8082A	255130
LCSD 860-255130/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	255130

Analysis Batch: 256100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	8082A	255130

HPLC/IC

Analysis Batch: 255461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-2	TMW-5	Total/NA	Water	300.0	
860-109072-3	TMW-4	Total/NA	Water	300.0	
MB 860-255461/3	Method Blank	Total/NA	Water	300.0	
LCS 860-255461/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-255461/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-255461/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 255462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-2	TMW-5	Total/NA	Water	300.0	
860-109072-3	TMW-4	Total/NA	Water	300.0	
MB 860-255462/3	Method Blank	Total/NA	Water	300.0	
LCS 860-255462/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-255462/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-255462/6	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 256137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	300.0	
860-109072-2 - DL	TMW-5	Total/NA	Water	300.0	
860-109072-3 - DL	TMW-4	Total/NA	Water	300.0	
MB 860-256137/3	Method Blank	Total/NA	Water	300.0	
LCS 860-256137/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256137/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256137/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 256375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	300.0	
MB 860-256375/3	Method Blank	Total/NA	Water	300.0	
LCS 860-256375/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256375/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256375/6	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Metals

Filtration Batch: 255548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-255548/1-B	Method Blank	Total/NA	Water	Filtration	
MB 860-255548/24-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-255548/25-B	Lab Control Sample	Total/NA	Water	Filtration	
LCS 860-255548/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-255548/26-B	Lab Control Sample Dup	Total/NA	Water	Filtration	
LCSD 860-255548/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 255591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	3010A	
860-109072-2	TMW-5	Total/NA	Water	3010A	
860-109072-3	TMW-4	Total/NA	Water	3010A	
MB 860-255548/1-B	Method Blank	Total/NA	Water	3010A	255548
LCS 860-255548/2-B	Lab Control Sample	Total/NA	Water	3010A	255548
LCSD 860-255548/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	255548

Prep Batch: 256037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	7470A	
860-109072-2	TMW-5	Total/NA	Water	7470A	
860-109072-3	TMW-4	Total/NA	Water	7470A	
MB 860-255548/24-B	Method Blank	Total/NA	Water	7470A	255548
LCS 860-255548/25-B	Lab Control Sample	Total/NA	Water	7470A	255548
LCSD 860-255548/26-B	Lab Control Sample Dup	Total/NA	Water	7470A	255548

Prep Batch: 256139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	3010A	
860-109072-2	TMW-5	Total/NA	Water	3010A	
860-109072-3	TMW-4	Total/NA	Water	3010A	
MB 860-256139/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-256139/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-256139/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 256143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	6020B	255591
860-109072-2	TMW-5	Total/NA	Water	6020B	255591
860-109072-3	TMW-4	Total/NA	Water	6020B	255591
MB 860-255548/1-B	Method Blank	Total/NA	Water	6020B	255591
LCS 860-255548/2-B	Lab Control Sample	Total/NA	Water	6020B	255591
LCSD 860-255548/3-B	Lab Control Sample Dup	Total/NA	Water	6020B	255591

Analysis Batch: 256311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	7470A	256037
860-109072-2	TMW-5	Total/NA	Water	7470A	256037
860-109072-3	TMW-4	Total/NA	Water	7470A	256037
MB 860-255548/24-B	Method Blank	Total/NA	Water	7470A	256037
LCS 860-255548/25-B	Lab Control Sample	Total/NA	Water	7470A	256037
LCSD 860-255548/26-B	Lab Control Sample Dup	Total/NA	Water	7470A	256037

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Metals

Analysis Batch: 256353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	6010D	256139
860-109072-1	TMW-27	Total/NA	Water	6010D	256139
860-109072-2	TMW-5	Total/NA	Water	6010D	256139
860-109072-2	TMW-5	Total/NA	Water	6010D	256139
860-109072-3	TMW-4	Total/NA	Water	6010D	256139
860-109072-3	TMW-4	Total/NA	Water	6010D	256139
MB 860-256139/1-A	Method Blank	Total/NA	Water	6010D	256139
LCS 860-256139/2-A	Lab Control Sample	Total/NA	Water	6010D	256139
LCSD 860-256139/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	256139

Analysis Batch: 256516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	6020B	255591
860-109072-1	TMW-27	Total/NA	Water	6020B	255591
860-109072-2	TMW-5	Total/NA	Water	6020B	255591
860-109072-3	TMW-4	Total/NA	Water	6020B	255591
860-109072-3	TMW-4	Total/NA	Water	6020B	255591
MB 860-255548/1-B	Method Blank	Total/NA	Water	6020B	255591
LCS 860-255548/2-B	Lab Control Sample	Total/NA	Water	6020B	255591
LCSD 860-255548/3-B	Lab Control Sample Dup	Total/NA	Water	6020B	255591

General Chemistry

Analysis Batch: 255867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	SM 1030E	
860-109072-2	TMW-5	Total/NA	Water	SM 1030E	
860-109072-3	TMW-4	Total/NA	Water	SM 1030E	

Analysis Batch: 256414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	Kelada 01	
860-109072-2	TMW-5	Total/NA	Water	Kelada 01	
860-109072-3	TMW-4	Total/NA	Water	Kelada 01	
MB 860-256414/108	Method Blank	Total/NA	Water	Kelada 01	
MB 860-256414/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-256414/109	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-256414/110	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-256414/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 256470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	9040C	
860-109072-2	TMW-5	Total/NA	Water	9040C	
860-109072-3	TMW-4	Total/NA	Water	9040C	

Analysis Batch: 256513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	SM 2320B	
860-109072-2	TMW-5	Total/NA	Water	SM 2320B	
860-109072-3	TMW-4	Total/NA	Water	SM 2320B	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

General Chemistry (Continued)

Analysis Batch: 256513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256513/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-256513/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-256513/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 256563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	420.4	
860-109072-2	TMW-5	Total/NA	Water	420.4	
860-109072-3	TMW-4	Total/NA	Water	420.4	
MB 860-256563/16	Method Blank	Total/NA	Water	420.4	
MB 860-256563/55	Method Blank	Total/NA	Water	420.4	
LCS 860-256563/17	Lab Control Sample	Total/NA	Water	420.4	
LCS 860-256563/56	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-256563/18	Lab Control Sample Dup	Total/NA	Water	420.4	
LCSD 860-256563/57	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 256805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	SM 2540C	
860-109072-2	TMW-5	Total/NA	Water	SM 2540C	
860-109072-3	TMW-4	Total/NA	Water	SM 2540C	
MB 860-256805/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-256805/2	Lab Control Sample	Total/NA	Water	SM 2540C	
860-109072-1 DU	TMW-27	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-27
Date Collected: 08/14/25 08:23
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256400	08/20/25 21:30	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	256481	08/21/25 07:34	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	256672	08/21/25 09:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256661	08/21/25 16:38	LPL	EET HOU
Total/NA	Prep	3511			43.3 mL	5 mL	255130	08/15/25 11:37	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	256100	08/19/25 14:19	KM	EET HOU
Total/NA	Analysis	300.0		10			256137	08/19/25 16:17	A1S	EET HOU
Total/NA	Analysis	300.0		10			256375	08/20/25 13:00	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256139	08/19/25 10:50	MD	EET HOU
Total/NA	Analysis	6010D		1			256353	08/19/25 18:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256139	08/19/25 10:50	MD	EET HOU
Total/NA	Analysis	6010D		50			256353	08/19/25 18:51	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		1			256143	08/18/25 22:19	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		10			256516	08/20/25 12:35	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		1			256516	08/20/25 14:07	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	256037	08/19/25 06:53	AGR	EET HOU
Total/NA	Analysis	7470A		1			256311	08/19/25 21:56	SHZ	EET HOU
Total/NA	Analysis	420.4		10	10 mL	10 mL	256563	08/20/25 16:29	BW	EET HOU
Total/NA	Analysis	9040C		1			256470	08/19/25 19:27	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 19:22	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255867	08/19/25 18:51	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			256513	08/20/25 15:10	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	256805	08/21/25 15:52	AP	EET HOU

Client Sample ID: TMW-5
Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256400	08/20/25 21:51	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	256481	08/21/25 07:54	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	256672	08/21/25 09:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256661	08/21/25 17:08	LPL	EET HOU
Total/NA	Prep	3511			39.7 mL	5 mL	255130	08/15/25 11:37	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	255672	08/16/25 18:01	WP	EET HOU
Total/NA	Analysis	300.0		1			255461	08/15/25 14:43	YG	EET HOU
Total/NA	Analysis	300.0		1			255462	08/15/25 14:43	YG	EET HOU
Total/NA	Analysis	300.0	DL	10			256137	08/19/25 16:04	A1S	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256139	08/19/25 10:50	MD	EET HOU
Total/NA	Analysis	6010D		1			256353	08/19/25 18:44	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-5

Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	256139	08/19/25 10:50	MD	EET HOU
Total/NA	Analysis	6010D		50			256353	08/19/25 18:53	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		1			256143	08/18/25 22:22	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		1			256516	08/20/25 12:32	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	256037	08/19/25 06:53	AGR	EET HOU
Total/NA	Analysis	7470A		1			256311	08/19/25 21:42	SHZ	EET HOU
Total/NA	Analysis	420.4		10	10 mL	10 mL	256563	08/20/25 16:31	BW	EET HOU
Total/NA	Analysis	9040C		1			256470	08/19/25 19:29	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 19:25	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255867	08/19/25 18:53	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			256513	08/20/25 15:16	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	256805	08/21/25 15:52	AP	EET HOU

Client Sample ID: TMW-4

Date Collected: 08/14/25 12:11
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256400	08/20/25 22:11	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	256481	08/21/25 08:15	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	256672	08/21/25 09:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256661	08/21/25 17:38	LPL	EET HOU
Total/NA	Prep	3511			39.6 mL	5 mL	255130	08/15/25 11:37	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	255672	08/16/25 17:50	WP	EET HOU
Total/NA	Analysis	300.0		1			255461	08/15/25 16:25	YG	EET HOU
Total/NA	Analysis	300.0		1			255462	08/15/25 16:25	YG	EET HOU
Total/NA	Analysis	300.0	DL	10			256137	08/19/25 16:10	A1S	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256139	08/19/25 10:50	MD	EET HOU
Total/NA	Analysis	6010D		1			256353	08/19/25 18:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256139	08/19/25 10:50	MD	EET HOU
Total/NA	Analysis	6010D		50			256353	08/19/25 18:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		1			256143	08/18/25 22:25	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		5			256516	08/20/25 12:38	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255591	08/16/25 08:11	AGR	EET HOU
Total/NA	Analysis	6020B		1			256516	08/20/25 14:18	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	256037	08/19/25 06:53	AGR	EET HOU
Total/NA	Analysis	7470A		1			256311	08/19/25 21:46	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	256563	08/20/25 15:49	BW	EET HOU
Total/NA	Analysis	9040C		1			256470	08/19/25 19:31	VS	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Client Sample ID: TMW-4
Date Collected: 08/14/25 12:11
Date Received: 08/15/25 08:53

Lab Sample ID: 860-109072-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 19:28	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255867	08/19/25 18:50	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			256513	08/20/25 15:22	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	256805	08/21/25 15:52	AP	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109072-1	TMW-27	Water	08/14/25 08:23	08/15/25 08:53	Texas
860-109072-2	TMW-5	Water	08/14/25 10:19	08/15/25 08:53	Texas
860-109072-3	TMW-4	Water	08/14/25 12:11	08/15/25 08:53	Texas

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8/25/2025

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AK25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-27	8-14-25	0823	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
TMW-5	8-14-25	1019	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
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				Water																	

860-109072 Chain of Custody

Temp: 2.7 IR ID: HOU-368
C/F: -0.2
Corrected Temp: 2.5

NFE

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time: 8-14-25 1530	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by: Nuemor	Date/Time: 8 15-25 853	Company
				Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Page 1010 of 1771

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

8/25/2025

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-4	8-14-25	1211	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

NFE

Temp: 2.9 IR ID:HOU-368
C/F:-0.2
Corrected Temp: 2.7

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
Deliverable Requested: I, II, III IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 8-14-25 1530	Company: Terracon	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8-15-25 853	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109072-1

Login Number: 109072 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Houston

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/22/2025 3:42:50 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109072-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/22/2025 3:42:50 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109072-2

Table of Contents

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109072-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU 37

Job ID: 860-109072-2

Job ID: 860-109072-2 Eurofins Houston

Job Narrative
860-109072-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/15/2025 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.5°C and 2.7°C.

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 732651

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: TMW-27 (860-109072-1), TMW-5 (860-109072-2), TMW-4 (860-109072-3), (880-61539-B-1-A) and (880-61539-B-1-D DU). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium 228 Batch 732653

The MDC for the following sample(s) is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. (MB 160-732653/1-A)

Method 904.0: Radium 228 Batch 732653

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. TMW-27 (860-109072-1)

Method 904.0: Radium 228 Prep Batch 160-736046

Insufficient sample volume was available to perform a sample duplicate for the following samples: TMW-4 (860-109072-3). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Client Sample ID: TMW-27 Lab Sample ID: 860-109072-1

No Detections.

Client Sample ID: TMW-5 Lab Sample ID: 860-109072-2

No Detections.

Client Sample ID: TMW-4 Lab Sample ID: 860-109072-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Client Sample ID: TMW-27

Lab Sample ID: 860-109072-1
Matrix: Water
Date Collected: 08/14/25 08:23
Date Received: 08/15/25 08:53

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	57.3	U G	46.9	47.3	3.00	71.2	pCi/L	08/19/25 08:42	08/21/25 21:10	1
Gross Beta	8.91	U G	14.3	14.4	4.00	23.2	pCi/L	08/19/25 08:42	08/21/25 21:10	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.63**		0.697	0.712	1.00	0.793	pCi/L	08/19/25 08:29	09/11/25 18:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.9*		*30 - 110*	*08/19/25 08:29*	*09/11/25 18:56*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.95**	**G**	1.47	1.50	1.00	2.04	pCi/L	08/19/25 08:46	09/11/25 15:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.9*		*30 - 110*	*08/19/25 08:46*	*09/11/25 15:58*	*1*
Y Carrier	*88.6*		*30 - 110*	*08/19/25 08:46*	*09/11/25 15:58*	*1*

Client Sample ID: TMW-5

Lab Sample ID: 860-109072-2
Matrix: Water
Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**219**	**G**	59.5	64.5	3.00	51.3	pCi/L	08/19/25 08:42	08/21/25 21:10	1
Gross Beta	**133**	**G**	23.7	27.2	4.00	23.4	pCi/L	08/19/25 08:42	08/21/25 21:10	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.943**		0.376	0.385	1.00	0.417	pCi/L	08/19/25 08:29	09/11/25 18:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.2*		*30 - 110*	*08/19/25 08:29*	*09/11/25 18:56*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.296	U	0.560	0.561	1.00	0.967	pCi/L	08/19/25 08:46	09/11/25 15:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.2*		*30 - 110*	*08/19/25 08:46*	*09/11/25 15:58*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Client Sample ID: TMW-5

Lab Sample ID: 860-109072-2
Matrix: Water
Date Collected: 08/14/25 10:19
Date Received: 08/15/25 08:53

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	95.3		30 - 110	08/19/25 08:46	09/11/25 15:58	1

Client Sample ID: TMW-4

Lab Sample ID: 860-109072-3
Matrix: Water
Date Collected: 08/14/25 12:11
Date Received: 08/15/25 08:53

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	8.21	U G	8.98	9.03	3.00	14.6	pCi/L	08/19/25 08:42	08/21/25 21:15	1
Gross Beta	1.18	U G	3.29	3.29	4.00	5.54	pCi/L	08/19/25 08:42	08/21/25 21:15	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.489**		0.319	0.322	1.00	0.445	pCi/L	08/19/25 08:29	09/11/25 18:56	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	67.5		30 - 110	08/19/25 08:29	09/11/25 18:56	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.30**		0.418	0.434	1.00	0.502	pCi/L	09/15/25 08:26	09/22/25 12:16	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	94.1		30 - 110	09/15/25 08:26	09/22/25 12:16	1
Y Carrier	90.5		30 - 110	09/15/25 08:26	09/22/25 12:16	1

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
860-109072-1	TMW-27	70.9
860-109072-2	TMW-5	70.2
860-109072-3	TMW-4	67.5
LCS 160-732650/2-A	Lab Control Sample	86.6
MB 160-732650/1-A	Method Blank	91.0

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
860-109072-1	TMW-27	70.9	88.6
860-109072-2	TMW-5	70.2	95.3
860-109072-3	TMW-4	94.1	90.5
LCS 160-732653/2-A	Lab Control Sample	86.6	81.5
LCS 160-736046/2-A	Lab Control Sample	81.4	87.1
LCSD 160-736046/3-A	Lab Control Sample Dup	92.9	92.7
MB 160-732653/1-A	Method Blank	91.0	77.8
MB 160-736046/1-A	Method Blank	88.8	90.5

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-732651/1-A
Matrix: Water
Analysis Batch: 732927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732651

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.05037	U	0.561	0.561	3.00	1.06	pCi/L	08/19/25 08:42	08/21/25 21:02	1
Gross Beta	0.2027	U	0.537	0.537	4.00	0.926	pCi/L	08/19/25 08:42	08/21/25 21:02	1

Lab Sample ID: LCS 160-732651/2-A
Matrix: Water
Analysis Batch: 732927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732651

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	49.4	46.76		7.01	3.00	2.02	pCi/L	95	75 - 125

Lab Sample ID: LCSB 160-732651/3-A
Matrix: Water
Analysis Batch: 732927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732651

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.4	74.48		7.99	4.00	0.919	pCi/L	107	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-732650/1-A
Matrix: Water
Analysis Batch: 735578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732650

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1628	U	0.178	0.179	1.00	0.284	pCi/L	08/19/25 08:29	09/11/25 18:48	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.0*		*30 - 110*	*08/19/25 08:29*	*09/11/25 18:48*	*1*

Lab Sample ID: LCS 160-732650/2-A
Matrix: Water
Analysis Batch: 735578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732650

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.211		1.24	1.00	0.308	pCi/L	96	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.6*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-732653/1-A
Matrix: Water
Analysis Batch: 735577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732653

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.5131	U G	0.472	0.475	1.00	1.01	pCi/L	08/19/25 08:46	09/11/25 15:57	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.0		30 - 110	08/19/25 08:46	09/11/25 15:57	1
Y Carrier	77.8		30 - 110	08/19/25 08:46	09/11/25 15:57	1

Lab Sample ID: LCS 160-732653/2-A
Matrix: Water
Analysis Batch: 735577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732653

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.08	9.816		1.35	1.00	0.592	pCi/L	108	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.6		30 - 110
Y Carrier	81.5		30 - 110

Lab Sample ID: MB 160-736046/1-A
Matrix: Water
Analysis Batch: 737127

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 736046

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2847	U	0.315	0.316	1.00	0.515	pCi/L	09/15/25 08:26	09/22/25 12:15	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110	09/15/25 08:26	09/22/25 12:15	1
Y Carrier	90.5		30 - 110	09/15/25 08:26	09/22/25 12:15	1

Lab Sample ID: LCS 160-736046/2-A
Matrix: Water
Analysis Batch: 737127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 736046

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.05	8.684		1.25	1.00	0.598	pCi/L	96	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.4		30 - 110
Y Carrier	87.1		30 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCSD 160-736046/3-A
Matrix: Water
Analysis Batch: 737127

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 736046

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			9.05	8.475		1.17	1.00	0.551	pCi/L	94	75 - 125	0.09	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*92.9*		*30 - 110*
Y Carrier	*92.7*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Rad

Prep Batch: 732650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	PrecSep-21	
860-109072-2	TMW-5	Total/NA	Water	PrecSep-21	
860-109072-3	TMW-4	Total/NA	Water	PrecSep-21	
MB 160-732650/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732650/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	Evaporation	
860-109072-2	TMW-5	Total/NA	Water	Evaporation	
860-109072-3	TMW-4	Total/NA	Water	Evaporation	
MB 160-732651/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-732651/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-732651/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Prep Batch: 732653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-1	TMW-27	Total/NA	Water	PrecSep_0	
860-109072-2	TMW-5	Total/NA	Water	PrecSep_0	
MB 160-732653/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732653/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 736046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109072-3	TMW-4	Total/NA	Water	PrecSep_0	
MB 160-736046/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-736046/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-736046/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Client Sample ID: TMW-27

Lab Sample ID: 860-109072-1

Date Collected: 08/14/25 08:23
Matrix: Water
Date Received: 08/15/25 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			7.53 mL	1.0 g	732651	08/19/25 08:42	OGC	EET SL
Total/NA	Analysis	900.0		1			732927	08/21/25 21:10	SWS	EET SL
Total/NA	Prep	PrecSep-21			501.10 mL	1.0 g	732650	08/19/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1			735577	09/11/25 18:56	SWS	EET SL
Total/NA	Prep	PrecSep_0			501.10 mL	1.0 g	732653	08/19/25 08:46	JTR	EET SL
Total/NA	Analysis	904.0		1			735577	09/11/25 15:58	SWS	EET SL

Client Sample ID: TMW-5

Lab Sample ID: 860-109072-2

Date Collected: 08/14/25 10:19
Matrix: Water
Date Received: 08/15/25 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			8.81 mL	1.0 g	732651	08/19/25 08:42	OGC	EET SL
Total/NA	Analysis	900.0		1			732927	08/21/25 21:10	SWS	EET SL
Total/NA	Prep	PrecSep-21			1003.17 mL	1.0 g	732650	08/19/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1			735577	09/11/25 18:56	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.17 mL	1.0 g	732653	08/19/25 08:46	JTR	EET SL
Total/NA	Analysis	904.0		1			735577	09/11/25 15:58	SWS	EET SL

Client Sample ID: TMW-4

Lab Sample ID: 860-109072-3

Date Collected: 08/14/25 12:11
Matrix: Water
Date Received: 08/15/25 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			35.00 mL	1.0 g	732651	08/19/25 08:42	OGC	EET SL
Total/NA	Analysis	900.0		1			732941	08/21/25 21:15	CMM	EET SL
Total/NA	Prep	PrecSep-21			1000.97 mL	1.0 g	732650	08/19/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1			735577	09/11/25 18:56	SWS	EET SL
Total/NA	Prep	PrecSep_0			1009.16 mL	1.0 g	736046	09/15/25 08:26	JTR	EET SL
Total/NA	Analysis	904.0		1			737127	09/22/25 12:16	SCB	EET SL

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109072-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109072-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109072-1	TMW-27	Water	08/14/25 08:23	08/15/25 08:53	Texas
860-109072-2	TMW-5	Water	08/14/25 10:19	08/15/25 08:53	Texas
860-109072-3	TMW-4	Water	08/14/25 12:11	08/15/25 08:53	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AK25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-27	8-14-25	0823	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
TMW-5	8-14-25	1019	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
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				Water																	

860-109072 Chain of Custody

Temp 2.7 IR ID HOU-368
C/F -0.2
Corrected Temp 2.5

NFE

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Aaron Adams	8-14-25 1530				
	Relinquished by:	Date/Time:	Company	Received by: Nuemor	Date/Time: 8 15-25 853	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

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9/22/2025
Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

9/22/2025

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25708
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: D HNO3; N None; S H2SO4; A HCL; B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-4	8-14-25	1211	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

NFE

Temp: 2.9 IR ID:HOU-368
C/F:-0.2
Corrected Temp: 2.7

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
Deliverable Requested. I, II, III IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 8-14-25 1530	Company: Terracon	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8-15-25 853	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-248529.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-109072-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/26/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW-27 (860-109072-1)	8/14/25	08:23 Central	G	Water			X	X	X	3	
TMW-5 (860-109072-2)	8/14/25	10:19 Central	G	Water			X	X	X	3	
TMW-4 (860-109072-3)	8/14/25	12:11 Central	G	Water			X	X	X	3	

Analysis Requested

Preservation Codes: -

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time:
Relinquished by:	Date/Time: 8/15/25 17:00 Company
Relinquished by:	Date/Time: Company
Relinquished by:	Date/Time: Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:

Method of Shipment:		
Received by: Sierra Worthington	Date/Time: AUG 18 2025 0845	Company GASL
Received by:	Date/Time:	Company
Received by:	Date/Time:	Company
Cooler Temperature(s) °C and Other Remarks:		

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109072-2

Login Number: 109072 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109072-2

Login Number: 109072 **List Source: Eurofins St. Louis**
List Number: 2 **List Creation: 08/18/25 12:37 PM**
Creator: Forrest, Cheyenne L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/26/2025 10:09:22 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-108639-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/26/2025 10:09:22 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-108639-1

Table of Contents

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108639-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108639-1
Project/Site: EBDU 37

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-108639-1
Project: EBDU 37

Job ID: 860-108639-1 Eurofins Houston

Job Narrative
860-108639-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/12/2025 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 3.9°C.

Receipt Exceptions
One container for the following sample was received leaking: TMW-41 (860-108639-1).

Affected Container:
B-1

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The surrogate recovery for the blank, laboratory control sample and laboratory control sample duplicate associated with preparation batch 860-255700 and analytical batch 860-255820 was outside the upper control limits.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-255820 recovered above the upper control limit for 2,4,6-Tribromophenol (Surr) and Atrazine. The associated sample is:(CCVIS 860-255820/2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-41 (860-108639-1), DUP-1 (860-108639-2) and TMW-42 (860-108639-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-41 — Lab Sample ID: 860-108639-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.365	J	0.570	0.0958	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.522	J	0.570	0.109	ug/L	1		8270E	Total/NA
Nitrate as N	2.85		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.06		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	273		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	729		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	191		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.437		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	25.0		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	350		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	75.3		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	47.3		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	5.13		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	2.00		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00247	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0664		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.579		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00325	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000490	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00135	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000611	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0262		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00638		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00156	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0279		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00841		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00518		0.00400	0.00274	mg/L	1		6020B	Total/NA
Phenols, Total	0.0397		0.0100	0.00580	mg/L	1		420.4	Total/NA
pH	7.50	HF			SU	1		9040C	Total/NA
Temperature	21.1	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.50	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00436	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	26.9				meq/L	1		SM 1030E	Total/NA
Total Anions	31.0				meq/L	1		SM 1030E	Total/NA
Percent Difference	-7.06				%	1		SM 1030E	Total/NA
Alkalinity	148		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	148		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1970		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 860-108639-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.360	J	0.576	0.0969	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.577		0.576	0.110	ug/L	1		8270E	Total/NA
Nitrate as N	2.97		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.12		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	275		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	923		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	169		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.0556	J	0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	22.2		0.200	0.0445	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: DUP-1 (Continued) — Lab Sample ID: 860-108639-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	319		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	67.2		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	38.9		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.31		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.331		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00252	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0625		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.643		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00243	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.0126		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00663		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000794	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0296		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00877		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00336	J	0.00400	0.00274	mg/L	1		6020B	Total/NA
Phenols, Total	0.0550		0.0100	0.00580	mg/L	1		420.4	Total/NA
pH	7.54	HF			SU	1		9040C	Total/NA
Temperature	21.1	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.54	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.0116		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	24.2				meq/L	1		SM 1030E	Total/NA
Total Anions	36.3				meq/L	1		SM 1030E	Total/NA
Percent Difference	-20.0				%	1		SM 1030E	Total/NA
Alkalinity	151		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	151		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2840		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-42 — Lab Sample ID: 860-108639-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.298	J	0.561	0.0943	ug/L	1		8270E	Total/NA
2-Methylnaphthalene	0.426	J	0.561	0.107	ug/L	1		8270E	Total/NA
Nitrate as N	5.53		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.48		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	319		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1320		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	178		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.481		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	26.8		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	555		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	86.1		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	51.1		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.87		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.68		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00294	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0553		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.758		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.00216	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000486	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00113	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000444	J	0.00200	0.000367	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-42 (Continued) Lab Sample ID: 860-108639-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0231		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00460		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00205		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0236		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00461		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00441		0.00400	0.00274	mg/L	1		6020B	Total/NA
Phenols, Total	0.0513		0.0100	0.00580	mg/L	1		420.4	Total/NA
pH	7.47	HF			SU	1		9040C	Total/NA
Temperature	21.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.47	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00302	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	35.4				meq/L	1		SM 1030E	Total/NA
Total Anions	50.0				meq/L	1		SM 1030E	Total/NA
Percent Difference	-17.2				%	1		SM 1030E	Total/NA
Alkalinity	200		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	200		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	3290		40.0	40.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-41

Date Collected: 08/11/25 10:45
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/14/25 08:38	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/14/25 08:38	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/14/25 08:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*70 - 130*		*08/14/25 08:38*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*08/14/25 08:38*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 14:59	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 14:59	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 14:59	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 14:59	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 14:59	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 14:59	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 14:59	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 14:59	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 14:59	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 14:59	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 14:59	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 14:59	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 14:59	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 14:59	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 14:59	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 14:59	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 14:59	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 14:59	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*		*08/20/25 14:59*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*08/20/25 14:59*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*08/20/25 14:59*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/20/25 14:59*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 13:28	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 13:28	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 13:28	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*08/21/25 13:28*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*08/21/25 13:28*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/21/25 13:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/21/25 13:28*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-41

Date Collected: 08/11/25 10:45
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-1

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.365**	**J**	0.570	0.0958	ug/L		08/17/25 09:34	08/19/25 22:41	1
1,2,4-Trichlorobenzene	<0.120	U	0.570	0.120	ug/L		08/17/25 09:34	08/19/25 22:41	1
2-Methylnaphthalene	**0.522**	**J**	0.570	0.109	ug/L		08/17/25 09:34	08/19/25 22:41	1
Acenaphthene	<0.101	U	0.570	0.101	ug/L		08/17/25 09:34	08/19/25 22:41	1
1,2-Dichlorobenzene	<0.101	U	0.570	0.101	ug/L		08/17/25 09:34	08/19/25 22:41	1
Acenaphthylene	<0.125	U	0.570	0.125	ug/L		08/17/25 09:34	08/19/25 22:41	1
Anthracene	<0.104	U	0.570	0.104	ug/L		08/17/25 09:34	08/19/25 22:41	1
Benzo[a]anthracene	<0.126	U	0.285	0.126	ug/L		08/17/25 09:34	08/19/25 22:41	1
Benzo[a]pyrene	<0.107	U	0.285	0.107	ug/L		08/17/25 09:34	08/19/25 22:41	1
1,4-Dichlorobenzene	<0.109	U	0.570	0.109	ug/L		08/17/25 09:34	08/19/25 22:41	1
Benzo[b]fluoranthene	<0.124	U	0.570	0.124	ug/L		08/17/25 09:34	08/19/25 22:41	1
Atrazine	<0.176	U	0.499	0.176	ug/L		08/17/25 09:34	08/19/25 22:41	1
Benzo[g,h,i]perylene	<0.0901	U	0.570	0.0901	ug/L		08/17/25 09:34	08/19/25 22:41	1
Benzo[k]fluoranthene	<0.123	U	0.570	0.123	ug/L		08/17/25 09:34	08/19/25 22:41	1
Pentachlorophenol	<0.311	U	0.570	0.311	ug/L		08/17/25 09:34	08/19/25 22:41	1
Chrysene	<0.0963	U	0.570	0.0963	ug/L		08/17/25 09:34	08/19/25 22:41	1
Styrene	<1.59	U	2.28	1.59	ug/L		08/17/25 09:34	08/19/25 22:41	1
Dibenz(a,h)anthracene	<0.0848	U	0.114	0.0848	ug/L		08/17/25 09:34	08/19/25 22:41	1
Fluoranthene	<0.120	U	0.570	0.120	ug/L		08/17/25 09:34	08/19/25 22:41	1
Fluorene	<0.113	U	0.570	0.113	ug/L		08/17/25 09:34	08/19/25 22:41	1
Indeno[1,2,3-cd]pyrene	<0.102	U	0.570	0.102	ug/L		08/17/25 09:34	08/19/25 22:41	1
Naphthalene	<0.114	U	0.570	0.114	ug/L		08/17/25 09:34	08/19/25 22:41	1
Phenanthrene	<0.106	U	0.570	0.106	ug/L		08/17/25 09:34	08/19/25 22:41	1
Pyrene	<0.129	U	0.570	0.129	ug/L		08/17/25 09:34	08/19/25 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*35 - 130*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
2-Fluorobiphenyl	*85*		*43 - 130*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
2-Fluorophenol (Surr)	*69*		*19 - 120*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
2-Fluorobiphenyl	*85*		*43 - 130*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
Nitrobenzene-d5 (Surr)	*88*		*37 - 133*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
Phenol-d5 (Surr)	*35*		*8 - 124*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
p-Terphenyl-d14 (Surr)	*86*		*47 - 130*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
Nitrobenzene-d5 (Surr)	*88*		*37 - 133*	*08/17/25 09:34*	*08/19/25 22:41*	*1*
p-Terphenyl-d14 (Surr)	*86*		*47 - 130*	*08/17/25 09:34*	*08/19/25 22:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000563	U	0.000306	0.0000563	mg/L		08/13/25 12:00	08/13/25 16:50	1
PCB-1221	<0.0000563	U	0.000613	0.0000563	mg/L		08/13/25 12:00	08/13/25 16:50	1
PCB-1232	<0.0000563	U	0.000613	0.0000563	mg/L		08/13/25 12:00	08/13/25 16:50	1
PCB-1242	<0.0000563	U	0.000306	0.0000563	mg/L		08/13/25 12:00	08/13/25 16:50	1
PCB-1248	<0.0000563	U	0.000613	0.0000563	mg/L		08/13/25 12:00	08/13/25 16:50	1
PCB-1254	<0.0000741	U	0.000613	0.0000741	mg/L		08/13/25 12:00	08/13/25 16:50	1
PCB-1260	<0.0000741	U	0.000306	0.0000741	mg/L		08/13/25 12:00	08/13/25 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*52 - 134*	*08/13/25 12:00*	*08/13/25 16:50*	*1*
DCB Decachlorobiphenyl (Surr)	*36*		*28 - 94*	*08/13/25 12:00*	*08/13/25 16:50*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-41

Date Collected: 08/11/25 10:45
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.85		0.100	0.0391	mg/L			08/12/25 19:30	1
Fluoride	1.06		0.500	0.100	mg/L			08/12/25 19:30	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/12/25 19:30	1
Sulfate	273		0.500	0.200	mg/L			08/12/25 19:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	729		5.00	2.50	mg/L			08/12/25 19:40	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	191		10.0	5.08	mg/L		08/15/25 12:39	08/18/25 11:10	50
Iron	0.437		0.200	0.0283	mg/L		08/15/25 12:39	08/18/25 11:05	1
Magnesium	25.0		0.200	0.0445	mg/L		08/15/25 12:39	08/18/25 11:05	1
Sodium	350		0.500	0.152	mg/L		08/15/25 12:39	08/18/25 11:05	1
Sulfur	75.3		0.100	0.0370	mg/L		08/15/25 12:39	08/18/25 11:05	1
SiO2	47.3		1.07	0.370	mg/L		08/15/25 12:39	08/18/25 11:05	1
Potassium	5.13		0.500	0.106	mg/L		08/15/25 12:39	08/18/25 11:05	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.00		0.0200	0.00549	mg/L		08/14/25 08:59	08/14/25 19:36	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/14/25 08:59	08/14/25 19:36	1
Arsenic	0.00247	J	0.00400	0.000690	mg/L		08/14/25 08:59	08/14/25 19:36	1
Barium	0.0664		0.00400	0.00134	mg/L		08/14/25 08:59	08/14/25 19:36	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/14/25 08:59	08/14/25 19:36	1
Boron	0.579		0.0500	0.0200	mg/L		08/14/25 08:59	08/15/25 13:40	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/14/25 08:59	08/14/25 19:36	1
Chromium	0.00325	J	0.00400	0.000560	mg/L		08/14/25 08:59	08/14/25 19:36	1
Cobalt	0.000490	J	0.00200	0.000355	mg/L		08/14/25 08:59	08/14/25 19:36	1
Copper	0.00135	J	0.00400	0.00100	mg/L		08/14/25 08:59	08/14/25 19:36	1
Lead	0.000611	J	0.00200	0.000367	mg/L		08/14/25 08:59	08/14/25 19:36	1
Manganese	0.0262		0.00200	0.000759	mg/L		08/14/25 08:59	08/14/25 19:36	1
Molybdenum	0.00638		0.00200	0.000255	mg/L		08/14/25 08:59	08/14/25 19:36	1
Nickel	0.00156	J	0.00200	0.000528	mg/L		08/14/25 08:59	08/14/25 19:36	1
Selenium	0.0279		0.00200	0.000590	mg/L		08/14/25 08:59	08/14/25 19:36	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/14/25 08:59	08/14/25 19:36	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/14/25 08:59	08/14/25 19:36	1
Uranium	0.00841		0.00100	0.000211	mg/L		08/14/25 08:59	08/14/25 19:36	1
Zinc	0.00518		0.00400	0.00274	mg/L		08/14/25 08:59	08/14/25 19:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:05	08/14/25 21:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	0.0397		0.0100	0.00580	mg/L			08/16/25 15:26	1
pH (SW846 9040C)	7.50	HF			SU			08/15/25 17:34	1
Temperature (SW846 9040C)	21.1	HF			Degrees C			08/15/25 17:34	1
Corrosivity (SW846 9040C)	7.50	HF			SU			08/15/25 17:34	1

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Released to Imaging: 3/12/2026 2:34:23 PM

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-41

Lab Sample ID: 860-108639-1
Matrix: Water
Date Collected: 08/11/25 10:45
Date Received: 08/12/25 08:45

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA Kelada 01)	**0.00436**	**J**	0.00500	0.00198	mg/L			08/15/25 15:05	1
Total Cations (SM 1030E)	**26.9**				meq/L			08/18/25 11:10	1
Total Anions (SM 1030E)	**31.0**				meq/L			08/18/25 11:10	1
Percent Difference (SM 1030E)	**-7.06**				%			08/18/25 11:10	1
Alkalinity (SM 2320B)	**148**		4.00	4.00	mg/L			08/19/25 12:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**148**		4.00	4.00	mg/L			08/19/25 12:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:20	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:20	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:20	1
Total Dissolved Solids (SM 2540C)	**1970**		20.0	20.0	mg/L			08/14/25 11:39	1

Client Sample ID: DUP-1

Lab Sample ID: 860-108639-2
Matrix: Water
Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/14/25 08:59	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/14/25 08:59	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/14/25 08:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/14/25 08:59*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/14/25 08:59*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/21/25 13:49	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/21/25 13:49	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/21/25 13:49	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/21/25 13:49	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/21/25 13:49	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/21/25 13:49	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/21/25 13:49	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/21/25 13:49	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/21/25 13:49	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/21/25 13:49	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/21/25 13:49	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/21/25 13:49	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/21/25 13:49	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/21/25 13:49	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/21/25 13:49	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/21/25 13:49	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 13:49	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/21/25 13:49	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 13:49	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/21/25 13:49	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/21/25 13:49	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 13:49	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: DUP-1
Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*08/21/25 13:49*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*08/21/25 13:49*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*08/21/25 13:49*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/21/25 13:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.360**	**J**	0.576	0.0969	ug/L		08/17/25 09:34	08/19/25 23:11	1
1,2,4-Trichlorobenzene	<0.122	U	0.576	0.122	ug/L		08/17/25 09:34	08/19/25 23:11	1
2-Methylnaphthalene	**0.577**		0.576	0.110	ug/L		08/17/25 09:34	08/19/25 23:11	1
Acenaphthene	<0.102	U	0.576	0.102	ug/L		08/17/25 09:34	08/19/25 23:11	1
1,2-Dichlorobenzene	<0.102	U	0.576	0.102	ug/L		08/17/25 09:34	08/19/25 23:11	1
Acenaphthylene	<0.126	U	0.576	0.126	ug/L		08/17/25 09:34	08/19/25 23:11	1
Anthracene	<0.105	U	0.576	0.105	ug/L		08/17/25 09:34	08/19/25 23:11	1
Benzo[a]anthracene	<0.128	U	0.288	0.128	ug/L		08/17/25 09:34	08/19/25 23:11	1
Benzo[a]pyrene	<0.108	U	0.288	0.108	ug/L		08/17/25 09:34	08/19/25 23:11	1
1,4-Dichlorobenzene	<0.111	U	0.576	0.111	ug/L		08/17/25 09:34	08/19/25 23:11	1
Benzo[b]fluoranthene	<0.125	U	0.576	0.125	ug/L		08/17/25 09:34	08/19/25 23:11	1
Atrazine	<0.178	U	0.504	0.178	ug/L		08/17/25 09:34	08/19/25 23:11	1
Benzo[g,h,i]perylene	<0.0911	U	0.576	0.0911	ug/L		08/17/25 09:34	08/19/25 23:11	1
Benzo[k]fluoranthene	<0.124	U	0.576	0.124	ug/L		08/17/25 09:34	08/19/25 23:11	1
Pentachlorophenol	<0.315	U	0.576	0.315	ug/L		08/17/25 09:34	08/19/25 23:11	1
Chrysene	<0.0974	U	0.576	0.0974	ug/L		08/17/25 09:34	08/19/25 23:11	1
Styrene	<1.61	U	2.31	1.61	ug/L		08/17/25 09:34	08/19/25 23:11	1
Dibenz(a,h)anthracene	<0.0858	U	0.115	0.0858	ug/L		08/17/25 09:34	08/19/25 23:11	1
Fluoranthene	<0.121	U	0.576	0.121	ug/L		08/17/25 09:34	08/19/25 23:11	1
Fluorene	<0.114	U	0.576	0.114	ug/L		08/17/25 09:34	08/19/25 23:11	1
Indeno[1,2,3-cd]pyrene	<0.104	U	0.576	0.104	ug/L		08/17/25 09:34	08/19/25 23:11	1
Naphthalene	<0.115	U	0.576	0.115	ug/L		08/17/25 09:34	08/19/25 23:11	1
Phenanthrene	<0.108	U	0.576	0.108	ug/L		08/17/25 09:34	08/19/25 23:11	1
Pyrene	<0.130	U	0.576	0.130	ug/L		08/17/25 09:34	08/19/25 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
2-Fluorophenol (Surr)	*66*		*19 - 120*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
Phenol-d5 (Surr)	*39*		*8 - 124*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
p-Terphenyl-d14 (Surr)	*83*		*47 - 130*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*08/17/25 09:34*	*08/19/25 23:11*	*1*
p-Terphenyl-d14 (Surr)	*83*		*47 - 130*	*08/17/25 09:34*	*08/19/25 23:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000552	U	0.000300	0.0000552	mg/L		08/13/25 12:00	08/13/25 16:37	1
PCB-1221	<0.0000552	U	0.000601	0.0000552	mg/L		08/13/25 12:00	08/13/25 16:37	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: DUP-1
Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-2
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.0000552	U	0.000601	0.0000552	mg/L		08/13/25 12:00	08/13/25 16:37	1
PCB-1242	<0.0000552	U	0.000300	0.0000552	mg/L		08/13/25 12:00	08/13/25 16:37	1
PCB-1248	<0.0000552	U	0.000601	0.0000552	mg/L		08/13/25 12:00	08/13/25 16:37	1
PCB-1254	<0.0000727	U	0.000601	0.0000727	mg/L		08/13/25 12:00	08/13/25 16:37	1
PCB-1260	<0.0000727	U	0.000300	0.0000727	mg/L		08/13/25 12:00	08/13/25 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*52 - 134*	*08/13/25 12:00*	*08/13/25 16:37*	*1*
DCB Decachlorobiphenyl (Surr)	*58*		*28 - 94*	*08/13/25 12:00*	*08/13/25 16:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.97**		0.100	0.0391	mg/L			08/12/25 19:49	1
Fluoride	**1.12**		0.500	0.100	mg/L			08/12/25 19:49	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/12/25 19:49	1
Sulfate	**275**		0.500	0.200	mg/L			08/12/25 19:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**923**		5.00	2.50	mg/L			08/12/25 19:59	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**169**		10.0	5.08	mg/L		08/15/25 12:39	08/18/25 11:12	50
Iron	**0.0556**	**J**	0.200	0.0283	mg/L		08/15/25 12:39	08/18/25 11:07	1
Magnesium	**22.2**		0.200	0.0445	mg/L		08/15/25 12:39	08/18/25 11:07	1
Sodium	**319**		0.500	0.152	mg/L		08/15/25 12:39	08/18/25 11:07	1
Sulfur	**67.2**		0.100	0.0370	mg/L		08/15/25 12:39	08/18/25 11:07	1
SiO2	**38.9**		1.07	0.370	mg/L		08/15/25 12:39	08/18/25 11:07	1
Potassium	**4.31**		0.500	0.106	mg/L		08/15/25 12:39	08/18/25 11:07	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.331**		0.0200	0.00549	mg/L		08/14/25 08:59	08/14/25 19:40	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/14/25 08:59	08/14/25 19:40	1
Arsenic	**0.00252**	**J**	0.00400	0.000690	mg/L		08/14/25 08:59	08/14/25 19:40	1
Barium	**0.0625**		0.00400	0.00134	mg/L		08/14/25 08:59	08/14/25 19:40	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/14/25 08:59	08/14/25 19:40	1
Boron	**0.643**		0.0500	0.0200	mg/L		08/14/25 08:59	08/15/25 13:43	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/14/25 08:59	08/14/25 19:40	1
Chromium	**0.00243**	**J**	0.00400	0.000560	mg/L		08/14/25 08:59	08/14/25 19:40	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/14/25 08:59	08/14/25 19:40	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/14/25 08:59	08/14/25 19:40	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/14/25 08:59	08/14/25 19:40	1
Manganese	**0.0126**		0.00200	0.000759	mg/L		08/14/25 08:59	08/14/25 19:40	1
Molybdenum	**0.00663**		0.00200	0.000255	mg/L		08/14/25 08:59	08/14/25 19:40	1
Nickel	**0.000794**	**J**	0.00200	0.000528	mg/L		08/14/25 08:59	08/14/25 19:40	1
Selenium	**0.0296**		0.00200	0.000590	mg/L		08/14/25 08:59	08/14/25 19:40	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/14/25 08:59	08/14/25 19:40	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/14/25 08:59	08/14/25 19:40	1
Uranium	**0.00877**		0.00100	0.000211	mg/L		08/14/25 08:59	08/14/25 19:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: DUP-1

Lab Sample ID: 860-108639-2
Matrix: Water
Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.00336**	**J**	0.00400	0.00274	mg/L		08/14/25 08:59	08/14/25 19:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:05	08/14/25 21:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	**0.0550**		0.0100	0.00580	mg/L			08/16/25 15:29	1
pH (SW846 9040C)	**7.54**	**HF**			SU			08/15/25 17:37	1
Temperature (SW846 9040C)	**21.1**	**HF**			Degrees C			08/15/25 17:37	1
Corrosivity (SW846 9040C)	**7.54**	**HF**			SU			08/15/25 17:37	1
Cyanide, Total (EPA Kelada 01)	**0.0116**		0.00500	0.00198	mg/L			08/15/25 15:01	1
Total Cations (SM 1030E)	**24.2**				meq/L			08/18/25 11:12	1
Total Anions (SM 1030E)	**36.3**				meq/L			08/18/25 11:12	1
Percent Difference (SM 1030E)	**-20.0**				%			08/18/25 11:12	1
Alkalinity (SM 2320B)	**151**		4.00	4.00	mg/L			08/19/25 12:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**151**		4.00	4.00	mg/L			08/19/25 12:03	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:03	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:03	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 12:03	1
Total Dissolved Solids (SM 2540C)	**2840**		20.0	20.0	mg/L			08/14/25 11:39	1

Client Sample ID: TMW-42

Lab Sample ID: 860-108639-3
Matrix: Water
Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/14/25 09:19	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/14/25 09:19	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/14/25 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/14/25 09:19*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/14/25 09:19*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/21/25 14:09	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/21/25 14:09	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/21/25 14:09	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/21/25 14:09	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/21/25 14:09	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/21/25 14:09	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/21/25 14:09	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/21/25 14:09	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/21/25 14:09	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/21/25 14:09	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-42

Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/21/25 14:09	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/21/25 14:09	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/21/25 14:09	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/21/25 14:09	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/21/25 14:09	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/21/25 14:09	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 14:09	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/21/25 14:09	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 14:09	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/21/25 14:09	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/21/25 14:09	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 14:09	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*08/21/25 14:09*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*08/21/25 14:09*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/21/25 14:09*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/21/25 14:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.298**	**J**	0.561	0.0943	ug/L		08/17/25 09:34	08/19/25 23:42	1
1,2,4-Trichlorobenzene	<0.119	U	0.561	0.119	ug/L		08/17/25 09:34	08/19/25 23:42	1
2-Methylnaphthalene	**0.426**	**J**	0.561	0.107	ug/L		08/17/25 09:34	08/19/25 23:42	1
Acenaphthene	<0.0994	U	0.561	0.0994	ug/L		08/17/25 09:34	08/19/25 23:42	1
1,2-Dichlorobenzene	<0.0991	U	0.561	0.0991	ug/L		08/17/25 09:34	08/19/25 23:42	1
Acenaphthylene	<0.123	U	0.561	0.123	ug/L		08/17/25 09:34	08/19/25 23:42	1
Anthracene	<0.102	U	0.561	0.102	ug/L		08/17/25 09:34	08/19/25 23:42	1
Benzo[a]anthracene	<0.124	U	0.280	0.124	ug/L		08/17/25 09:34	08/19/25 23:42	1
Benzo[a]pyrene	<0.105	U	0.280	0.105	ug/L		08/17/25 09:34	08/19/25 23:42	1
1,4-Dichlorobenzene	<0.108	U	0.561	0.108	ug/L		08/17/25 09:34	08/19/25 23:42	1
Benzo[b]fluoranthene	<0.122	U	0.561	0.122	ug/L		08/17/25 09:34	08/19/25 23:42	1
Atrazine	<0.174	U	0.491	0.174	ug/L		08/17/25 09:34	08/19/25 23:42	1
Benzo[g,h,i]perylene	<0.0887	U	0.561	0.0887	ug/L		08/17/25 09:34	08/19/25 23:42	1
Benzo[k]fluoranthene	<0.121	U	0.561	0.121	ug/L		08/17/25 09:34	08/19/25 23:42	1
Pentachlorophenol	<0.306	U	0.561	0.306	ug/L		08/17/25 09:34	08/19/25 23:42	1
Chrysene	<0.0948	U	0.561	0.0948	ug/L		08/17/25 09:34	08/19/25 23:42	1
Styrene	<1.57	U	2.24	1.57	ug/L		08/17/25 09:34	08/19/25 23:42	1
Dibenz(a,h)anthracene	<0.0835	U	0.112	0.0835	ug/L		08/17/25 09:34	08/19/25 23:42	1
Fluoranthene	<0.118	U	0.561	0.118	ug/L		08/17/25 09:34	08/19/25 23:42	1
Fluorene	<0.111	U	0.561	0.111	ug/L		08/17/25 09:34	08/19/25 23:42	1
Indeno[1,2,3-cd]pyrene	<0.101	U	0.561	0.101	ug/L		08/17/25 09:34	08/19/25 23:42	1
Naphthalene	<0.112	U	0.561	0.112	ug/L		08/17/25 09:34	08/19/25 23:42	1
Phenanthrene	<0.105	U	0.561	0.105	ug/L		08/17/25 09:34	08/19/25 23:42	1
Pyrene	<0.127	U	0.561	0.127	ug/L		08/17/25 09:34	08/19/25 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*35 - 130*	*08/17/25 09:34*	*08/19/25 23:42*	*1*
2-Fluorobiphenyl	*89*		*43 - 130*	*08/17/25 09:34*	*08/19/25 23:42*	*1*

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-42

Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	64		19 - 120	08/17/25 09:34	08/19/25 23:42	1
2-Fluorobiphenyl	89		43 - 130	08/17/25 09:34	08/19/25 23:42	1
Nitrobenzene-d5 (Surr)	90		37 - 133	08/17/25 09:34	08/19/25 23:42	1
Phenol-d5 (Surr)	36		8 - 124	08/17/25 09:34	08/19/25 23:42	1
p-Terphenyl-d14 (Surr)	89		47 - 130	08/17/25 09:34	08/19/25 23:42	1
Nitrobenzene-d5 (Surr)	90		37 - 133	08/17/25 09:34	08/19/25 23:42	1
p-Terphenyl-d14 (Surr)	89		47 - 130	08/17/25 09:34	08/19/25 23:42	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.00000272	U	0.0000148	0.00000272	mg/L		08/13/25 12:00	08/13/25 17:01	1
PCB-1221	<0.00000272	U	0.0000296	0.00000272	mg/L		08/13/25 12:00	08/13/25 17:01	1
PCB-1232	<0.00000272	U	0.0000296	0.00000272	mg/L		08/13/25 12:00	08/13/25 17:01	1
PCB-1242	<0.00000272	U	0.0000148	0.00000272	mg/L		08/13/25 12:00	08/13/25 17:01	1
PCB-1248	<0.00000272	U	0.0000296	0.00000272	mg/L		08/13/25 12:00	08/13/25 17:01	1
PCB-1254	<0.00000358	U	0.0000296	0.00000358	mg/L		08/13/25 12:00	08/13/25 17:01	1
PCB-1260	<0.00000358	U	0.0000148	0.00000358	mg/L		08/13/25 12:00	08/13/25 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		52 - 134	08/13/25 12:00	08/13/25 17:01	1
DCB Decachlorobiphenyl (Surr)	40		28 - 94	08/13/25 12:00	08/13/25 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**5.53**		0.100	0.0391	mg/L			08/12/25 20:08	1
Fluoride	**1.48**		0.500	0.100	mg/L			08/12/25 20:08	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/12/25 20:08	1
Sulfate	**319**		0.500	0.200	mg/L			08/12/25 20:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1320**		5.00	2.50	mg/L			08/12/25 20:18	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**178**		10.0	5.08	mg/L		08/15/25 12:39	08/18/25 11:14	50
Iron	**0.481**		0.200	0.0283	mg/L		08/15/25 12:39	08/18/25 11:09	1
Magnesium	**26.8**		0.200	0.0445	mg/L		08/15/25 12:39	08/18/25 11:09	1
Sodium	**555**		25.0	7.59	mg/L		08/15/25 12:39	08/18/25 11:14	50
Sulfur	**86.1**		0.100	0.0370	mg/L		08/15/25 12:39	08/18/25 11:09	1
SiO2	**51.1**		1.07	0.370	mg/L		08/15/25 12:39	08/18/25 11:09	1
Potassium	**4.87**		0.500	0.106	mg/L		08/15/25 12:39	08/18/25 11:09	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-42

Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-3

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.68**		0.0200	0.00549	mg/L		08/14/25 08:59	08/14/25 19:48	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/14/25 08:59	08/14/25 19:48	1
Arsenic	**0.00294**	**J**	0.00400	0.000690	mg/L		08/14/25 08:59	08/14/25 19:48	1
Barium	**0.0553**		0.00400	0.00134	mg/L		08/14/25 08:59	08/14/25 19:48	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/14/25 08:59	08/14/25 19:48	1
Boron	**0.758**		0.100	0.0401	mg/L		08/14/25 08:59	08/15/25 13:46	10
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/14/25 08:59	08/14/25 19:48	1
Chromium	**0.00216**	**J**	0.00400	0.000560	mg/L		08/14/25 08:59	08/14/25 19:48	1
Cobalt	**0.000486**	**J**	0.00200	0.000355	mg/L		08/14/25 08:59	08/14/25 19:48	1
Copper	**0.00113**	**J**	0.00400	0.00100	mg/L		08/14/25 08:59	08/14/25 19:48	1
Lead	**0.000444**	**J**	0.00200	0.000367	mg/L		08/14/25 08:59	08/14/25 19:48	1
Manganese	**0.0231**		0.00200	0.000759	mg/L		08/14/25 08:59	08/14/25 19:48	1
Molybdenum	**0.00460**		0.00200	0.000255	mg/L		08/14/25 08:59	08/14/25 19:48	1
Nickel	**0.00205**		0.00200	0.000528	mg/L		08/14/25 08:59	08/14/25 19:48	1
Selenium	**0.0236**		0.00200	0.000590	mg/L		08/14/25 08:59	08/14/25 19:48	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/14/25 08:59	08/14/25 19:48	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/14/25 08:59	08/14/25 19:48	1
Uranium	**0.00461**		0.00100	0.000211	mg/L		08/14/25 08:59	08/14/25 19:48	1
Zinc	**0.00441**		0.00400	0.00274	mg/L		08/14/25 08:59	08/14/25 19:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:06	08/14/25 21:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	**0.0513**		0.0100	0.00580	mg/L			08/16/25 15:32	1
pH (SW846 9040C)	**7.47**	**HF**			SU			08/15/25 17:35	1
Temperature (SW846 9040C)	**21.0**	**HF**			Degrees C			08/15/25 17:35	1
Corrosivity (SW846 9040C)	**7.47**	**HF**			SU			08/15/25 17:35	1
Cyanide, Total (EPA Kelada 01)	**0.00302**	**J**	0.00500	0.00198	mg/L			08/15/25 00:40	1
Total Cations (SM 1030E)	**35.4**				meq/L			08/18/25 11:14	1
Total Anions (SM 1030E)	**50.0**				meq/L			08/18/25 11:14	1
Percent Difference (SM 1030E)	**-17.2**				%			08/18/25 11:14	1
Alkalinity (SM 2320B)	**200**		4.00	4.00	mg/L			08/19/25 11:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**200**		4.00	4.00	mg/L			08/19/25 11:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 11:57	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 11:57	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/19/25 11:57	1
Total Dissolved Solids (SM 2540C)	**3290**		40.0	40.0	mg/L			08/14/25 11:39	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-108639-1	TMW-41	109	95	95	100
860-108639-1 - RA	TMW-41	101	102	102	101
860-108639-2	DUP-1	99	103	99	100
860-108639-3	TMW-42	100	104	102	104
LCS 860-256334/3	Lab Control Sample	97	94	94	99
LCS 860-256618/3	Lab Control Sample	102	106	98	98
LCSD 860-256334/4	Lab Control Sample Dup	94	97	91	98
LCSD 860-256618/4	Lab Control Sample Dup	95	97	102	98
MB 860-256334/10	Method Blank	102	95	95	96
MB 860-256618/9	Method Blank	100	100	100	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	BFB		
Lab Sample ID	Client Sample ID	(70-130)	(70-130)		
860-108639-1	TMW-41	101	104		
860-108639-2	DUP-1	98	101		
860-108639-3	TMW-42	94	98		
LCS 860-254968/1011	Lab Control Sample	99	100		
LCSD 860-254968/12	Lab Control Sample Dup	98	100		
MB 860-254968/14	Method Blank	98	103		

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	2FP	FBP	FBP	PHL	NBZ	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(19-120)	(43-130)	(43-130)	(8-124)	(37-133)	(37-133)	(47-130)
860-108639-1	TMW-41	89	69	85	85	35	88	88	86
860-108639-2	DUP-1	84	66	80	80	39	84	84	83
860-108639-3	TMW-42	85	64	89	89	36	90	90	89
LCS 860-255700/2-A	Lab Control Sample	103	136 S1+	83	83	94	107	107	85
LCS 860-255700/4-A	Lab Control Sample	94	130 S1+	83	83	93	104	104	80
LCSD 860-255700/3-A	Lab Control Sample Dup	100	121 S1+	79	79	86	99	99	78
LCSD 860-255700/5-A	Lab Control Sample Dup	95	126 S1+	83	83	92	105	105	79
MB 860-255700/1-A	Method Blank	89	127 S1+	80	80	88	93	93	80

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108639-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TPHd14 (47-130)						
860-108639-1	TMW-41	86						
860-108639-2	DUP-1	83						
860-108639-3	TMW-42	89						
LCS 860-255700/2-A	Lab Control Sample	85						
LCS 860-255700/4-A	Lab Control Sample	80						
LCSD 860-255700/3-A	Lab Control Sample Dup	78						
LCSD 860-255700/5-A	Lab Control Sample Dup	79						
MB 860-255700/1-A	Method Blank	80						

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	TCX1 (52-134)	DCB1 (28-94)					
860-108639-1	TMW-41	90	36					
860-108639-2	DUP-1	85	58					
860-108639-3	TMW-42	93	40					
LCS 860-254885/4-A	Lab Control Sample	87	62					
LCSD 860-254885/5-A	Lab Control Sample Dup	87	62					
MB 860-254885/1-A	Method Blank	90	65					

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-256334/10
Matrix: Water
Analysis Batch: 256334

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/20/25 11:34	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/20/25 11:34	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/20/25 11:34	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/20/25 11:34	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/20/25 11:34	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/20/25 11:34	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/20/25 11:34	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/20/25 11:34	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/20/25 11:34	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/20/25 11:34	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/20/25 11:34	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/20/25 11:34	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/20/25 11:34	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/20/25 11:34	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/20/25 11:34	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/20/25 11:34	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/20/25 11:34	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/20/25 11:34	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/20/25 11:34	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/20/25 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*08/20/25 11:34*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*08/20/25 11:34*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 131*		*08/20/25 11:34*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/20/25 11:34*	*1*

Lab Sample ID: LCS 860-256334/3
Matrix: Water
Analysis Batch: 256334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05687		mg/L		114	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04562		mg/L		91	74 - 125
1,1,2-Trichloroethane	0.0500	0.05170		mg/L		103	75 - 130
1,1-Dichloroethane	0.0500	0.05030		mg/L		101	71 - 130
1,1-Dichloroethene	0.0500	0.05125		mg/L		103	50 - 150
1,2-Dibromoethane	0.0500	0.05368		mg/L		107	73 - 125
1,2-Dichloroethane	0.0500	0.05316		mg/L		106	72 - 130
1,2-Dichloropropane	0.0500	0.05124		mg/L		102	74 - 125
Benzene	0.0500	0.05260		mg/L		105	75 - 125
Carbon tetrachloride	0.0500	0.05582		mg/L		112	70 - 125
Chloroform	0.0500	0.05246		mg/L		105	70 - 121
Ethylbenzene	0.0500	0.05712		mg/L		114	75 - 125
MTBE	0.0500	0.05170		mg/L		103	65 - 135
Methylene Chloride	0.0500	0.04727		mg/L		95	71 - 125
Tetrachloroethene	0.0500	0.06215		mg/L		124	71 - 125
Toluene	0.0500	0.05538		mg/L		111	75 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-256334/3
Matrix: Water
Analysis Batch: 256334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Trichloroethene			0.0500	0.05577		mg/L		112	75 - 135		
Vinyl chloride			0.0500	0.04592		mg/L		92	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.05237		mg/L		105	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.05394		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 860-256334/4
Matrix: Water
Analysis Batch: 256334

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.05414		mg/L		108	70 - 130	5	25
1,1,2,2-Tetrachloroethane			0.0500	0.04315		mg/L		86	74 - 125	6	25
1,1,2-Trichloroethane			0.0500	0.04797		mg/L		96	75 - 130	7	25
1,1-Dichloroethane			0.0500	0.04733		mg/L		95	71 - 130	6	25
1,1-Dichloroethene			0.0500	0.04923		mg/L		98	50 - 150	4	25
1,2-Dibromoethane			0.0500	0.05068		mg/L		101	73 - 125	6	25
1,2-Dichloroethane			0.0500	0.05045		mg/L		101	72 - 130	5	25
1,2-Dichloropropane			0.0500	0.04975		mg/L		99	74 - 125	3	25
Benzene			0.0500	0.05077		mg/L		102	75 - 125	4	25
Carbon tetrachloride			0.0500	0.05334		mg/L		107	70 - 125	5	25
Chloroform			0.0500	0.04876		mg/L		98	70 - 121	7	25
Ethylbenzene			0.0500	0.05511		mg/L		110	75 - 125	4	25
MTBE			0.0500	0.04725		mg/L		95	65 - 135	9	25
Methylene Chloride			0.0500	0.04400		mg/L		88	71 - 125	7	25
Tetrachloroethene			0.0500	0.05909		mg/L		118	71 - 125	5	25
Toluene			0.0500	0.05338		mg/L		107	75 - 130	4	25
Trichloroethene			0.0500	0.05392		mg/L		108	75 - 135	3	25
Vinyl chloride			0.0500	0.04257		mg/L		85	60 - 140	8	25
cis-1,2-Dichloroethene			0.0500	0.04909		mg/L		98	75 - 125	6	25
trans-1,2-Dichloroethene			0.0500	0.05075		mg/L		101	75 - 125	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*91*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-256618/9
Matrix: Water
Analysis Batch: 256618

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/21/25 12:47	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/21/25 12:47	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/21/25 12:47	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/21/25 12:47	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/21/25 12:47	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/21/25 12:47	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/21/25 12:47	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/21/25 12:47	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/21/25 12:47	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/21/25 12:47	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/21/25 12:47	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/21/25 12:47	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/21/25 12:47	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/21/25 12:47	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/21/25 12:47	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/21/25 12:47	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 12:47	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/21/25 12:47	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 12:47	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/21/25 12:47	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/21/25 12:47	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 12:47	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 12:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*08/21/25 12:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/21/25 12:47*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/21/25 12:47*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/21/25 12:47*	*1*

Lab Sample ID: LCS 860-256618/3
Matrix: Water
Analysis Batch: 256618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05006		mg/L		100	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05607		mg/L		112	74 - 125
1,1,2-Trichloroethane	0.0500	0.04936		mg/L		99	75 - 130
1,1-Dichloroethane	0.0500	0.05078		mg/L		102	71 - 130
1,1-Dichloroethene	0.0500	0.05372		mg/L		107	50 - 150
1,2-Dibromoethane	0.0500	0.05227		mg/L		105	73 - 125
1,2-Dichloroethane	0.0500	0.04746		mg/L		95	72 - 130
1,2-Dichloropropane	0.0500	0.05183		mg/L		104	74 - 125
Benzene	0.0500	0.05012		mg/L		100	75 - 125
Carbon tetrachloride	0.0500	0.04887		mg/L		98	70 - 125
Chloroform	0.0500	0.05004		mg/L		100	70 - 121
Ethylbenzene	0.0500	0.05144		mg/L		103	75 - 125
MTBE	0.0500	0.05063		mg/L		101	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-256618/3
Matrix: Water
Analysis Batch: 256618

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.05452		mg/L		109	71 - 125		
Tetrachloroethene			0.0500	0.05323		mg/L		106	71 - 125		
Toluene			0.0500	0.05191		mg/L		104	75 - 130		
Trichloroethene			0.0500	0.05248		mg/L		105	75 - 135		
Vinyl chloride			0.0500	0.05070		mg/L		101	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.05023		mg/L		100	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.05278		mg/L		106	75 - 125		
o-Xylene			0.0500	0.05109		mg/L		102	75 - 125		
m,p-Xylenes			0.0500	0.05185		mg/L		104	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-256618/4
Matrix: Water
Analysis Batch: 256618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.05040		mg/L		101	70 - 130	1	25
1,1,2,2-Tetrachloroethane			0.0500	0.05440		mg/L		109	74 - 125	3	25
1,1,2-Trichloroethane			0.0500	0.05087		mg/L		102	75 - 130	3	25
1,1-Dichloroethane			0.0500	0.05353		mg/L		107	71 - 130	5	25
1,1-Dichloroethene			0.0500	0.05274		mg/L		105	50 - 150	2	25
1,2-Dibromoethane			0.0500	0.05239		mg/L		105	73 - 125	0	25
1,2-Dichloroethane			0.0500	0.04564		mg/L		91	72 - 130	4	25
1,2-Dichloropropane			0.0500	0.04759		mg/L		95	74 - 125	9	25
Benzene			0.0500	0.04540		mg/L		91	75 - 125	10	25
Carbon tetrachloride			0.0500	0.04721		mg/L		94	70 - 125	3	25
Chloroform			0.0500	0.05075		mg/L		101	70 - 121	1	25
Ethylbenzene			0.0500	0.04828		mg/L		97	75 - 125	6	25
MTBE			0.0500	0.05131		mg/L		103	65 - 135	1	25
Methylene Chloride			0.0500	0.05559		mg/L		111	71 - 125	2	25
Tetrachloroethene			0.0500	0.04954		mg/L		99	71 - 125	7	25
Toluene			0.0500	0.04935		mg/L		99	75 - 130	5	25
Trichloroethene			0.0500	0.04875		mg/L		98	75 - 135	7	25
Vinyl chloride			0.0500	0.04732		mg/L		95	60 - 140	7	25
cis-1,2-Dichloroethene			0.0500	0.05265		mg/L		105	75 - 125	5	25
trans-1,2-Dichloroethene			0.0500	0.04776		mg/L		96	75 - 125	10	25
o-Xylene			0.0500	0.04894		mg/L		98	75 - 125	4	25
m,p-Xylenes			0.0500	0.04941		mg/L		99	75 - 125	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-256618/4
Matrix: Water
Analysis Batch: 256618

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-254968/14
Matrix: Water
Analysis Batch: 254968

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/14/25 06:56	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/14/25 06:56	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/14/25 06:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		70 - 130		08/14/25 06:56	1
4-Bromofluorobenzene (Surr)	103		70 - 130		08/14/25 06:56	1

Lab Sample ID: LCS 860-254968/1011
Matrix: Water
Analysis Batch: 254968

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 860-254968/12
Matrix: Water
Analysis Batch: 254968

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-255700/1-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255700

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/17/25 09:34	08/18/25 14:55	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/17/25 09:34	08/18/25 14:55	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/17/25 09:34	08/18/25 14:55	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/17/25 09:34	08/18/25 14:55	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/17/25 09:34	08/18/25 14:55	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/17/25 09:34	08/18/25 14:55	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/17/25 09:34	08/18/25 14:55	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/17/25 09:34	08/18/25 14:55	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-255700/1-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255700

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/17/25 09:34	08/18/25 14:55	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/17/25 09:34	08/18/25 14:55	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/17/25 09:34	08/18/25 14:55	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/17/25 09:34	08/18/25 14:55	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/17/25 09:34	08/18/25 14:55	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/17/25 09:34	08/18/25 14:55	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/17/25 09:34	08/18/25 14:55	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/17/25 09:34	08/18/25 14:55	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/17/25 09:34	08/18/25 14:55	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/17/25 09:34	08/18/25 14:55	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/17/25 09:34	08/18/25 14:55	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/17/25 09:34	08/18/25 14:55	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/17/25 09:34	08/18/25 14:55	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/17/25 09:34	08/18/25 14:55	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/17/25 09:34	08/18/25 14:55	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/17/25 09:34	08/18/25 14:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*35 - 130*	*08/17/25 09:34*	*08/18/25 14:55*	*1*
2-Fluorophenol (Surr)	*127*	*S1+*	*19 - 120*	*08/17/25 09:34*	*08/18/25 14:55*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*08/17/25 09:34*	*08/18/25 14:55*	*1*
Phenol-d5 (Surr)	*88*		*8 - 124*	*08/17/25 09:34*	*08/18/25 14:55*	*1*
Nitrobenzene-d5 (Surr)	*93*		*37 - 133*	*08/17/25 09:34*	*08/18/25 14:55*	*1*
p-Terphenyl-d14 (Surr)	*80*		*47 - 130*	*08/17/25 09:34*	*08/18/25 14:55*	*1*

Lab Sample ID: LCS 860-255700/2-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	5.748		ug/L		101	52 - 125
1,2,4-Trichlorobenzene	5.71	5.955		ug/L		104	55 - 120
2-Methylnaphthalene	5.71	5.936		ug/L		104	33 - 149
Acenaphthene	5.71	5.742		ug/L		100	48 - 136
1,2-Dichlorobenzene	5.71	5.795		ug/L		101	65 - 130
Acenaphthylene	5.71	6.526		ug/L		114	40 - 149
Anthracene	5.71	6.318		ug/L		111	51 - 146
Benzo[a]anthracene	5.71	6.378		ug/L		112	43 - 145
Benzo[a]pyrene	5.71	5.791		ug/L		101	52 - 136
1,4-Dichlorobenzene	5.71	5.693		ug/L		100	60 - 150
Benzo[b]fluoranthene	5.71	6.224		ug/L		109	45 - 140
Atrazine	5.71	6.887		ug/L		121	46 - 148
Benzo[g,h,i]perylene	5.71	5.219		ug/L		91	44 - 137
Benzo[k]fluoranthene	5.71	6.099		ug/L		107	37 - 140
Pentachlorophenol	5.71	6.268		ug/L		110	33 - 150
Chrysene	5.71	5.975		ug/L		105	47 - 137
Dibenz(a,h)anthracene	5.71	5.907		ug/L		103	50 - 147
Fluoranthene	5.71	6.149		ug/L		108	50 - 144

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-255700/2-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	5.71	5.983		ug/L		105	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	5.503		ug/L		96	46 - 138
Naphthalene	5.71	5.964		ug/L		104	35 - 141
Phenanthrene	5.71	6.003		ug/L		105	54 - 141
Pyrene	5.71	6.090		ug/L		107	50 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 130*
2-Fluorophenol (Surr)	*136*	*S1+*	*19 - 120*
2-Fluorobiphenyl	*83*		*43 - 130*
Phenol-d5 (Surr)	*94*		*8 - 124*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
p-Terphenyl-d14 (Surr)	*85*		*47 - 130*

Lab Sample ID: LCS 860-255700/4-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	400	383.4		ug/L		96	35 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 130*
2-Fluorophenol (Surr)	*130*	*S1+*	*19 - 120*
2-Fluorobiphenyl	*83*		*43 - 130*
Phenol-d5 (Surr)	*93*		*8 - 124*
Nitrobenzene-d5 (Surr)	*104*		*37 - 133*
p-Terphenyl-d14 (Surr)	*80*		*47 - 130*

Lab Sample ID: LCSD 860-255700/3-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255700

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	5.71	5.204		ug/L		91	52 - 125	10	30
1,2,4-Trichlorobenzene	5.71	5.435		ug/L		95	55 - 120	9	30
2-Methylnaphthalene	5.71	5.416		ug/L		95	33 - 149	9	30
Acenaphthene	5.71	5.488		ug/L		96	48 - 136	5	30
1,2-Dichlorobenzene	5.71	5.239		ug/L		92	65 - 130	10	30
Acenaphthylene	5.71	5.989		ug/L		105	40 - 149	9	30
Anthracene	5.71	5.803		ug/L		102	51 - 146	8	30
Benzo[a]anthracene	5.71	5.686		ug/L		100	43 - 145	11	30
Benzo[a]pyrene	5.71	5.225		ug/L		91	52 - 136	10	30
1,4-Dichlorobenzene	5.71	5.157		ug/L		90	60 - 150	10	30
Benzo[b]fluoranthene	5.71	5.600		ug/L		98	45 - 140	11	30
Atrazine	5.71	5.984		ug/L		105	46 - 148	14	30
Benzo[g,h,i]perylene	5.71	4.764		ug/L		83	44 - 137	9	30
Benzo[k]fluoranthene	5.71	5.639		ug/L		99	37 - 140	8	30

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-255700/3-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255700

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pentachlorophenol			5.71	6.108		ug/L		107	33 - 150	3	30
Chrysene			5.71	5.514		ug/L		96	47 - 137	8	30
Dibenz(a,h)anthracene			5.71	5.369		ug/L		94	50 - 147	10	30
Fluoranthene			5.71	5.538		ug/L		97	50 - 144	10	30
Fluorene			5.71	5.658		ug/L		99	54 - 136	6	30
Indeno[1,2,3-cd]pyrene			5.71	4.992		ug/L		87	46 - 138	10	30
Naphthalene			5.71	5.474		ug/L		96	35 - 141	9	30
Phenanthrene			5.71	5.438		ug/L		95	54 - 141	10	30
Pyrene			5.71	5.442		ug/L		95	50 - 143	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*		*35 - 130*
2-Fluorophenol (Surr)	*121*	*S1+*	*19 - 120*
2-Fluorobiphenyl	*79*		*43 - 130*
Phenol-d5 (Surr)	*86*		*8 - 124*
Nitrobenzene-d5 (Surr)	*99*		*37 - 133*
p-Terphenyl-d14 (Surr)	*78*		*47 - 130*

Lab Sample ID: LCSD 860-255700/5-A
Matrix: Water
Analysis Batch: 255820

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255700

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			400	365.0		ug/L		91	35 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 130*
2-Fluorophenol (Surr)	*126*	*S1+*	*19 - 120*
2-Fluorobiphenyl	*83*		*43 - 130*
Phenol-d5 (Surr)	*92*		*8 - 124*
Nitrobenzene-d5 (Surr)	*105*		*37 - 133*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-254885/1-A
Matrix: Water
Analysis Batch: 254831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 254885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000574	U	0.000313	0.0000574	mg/L		08/13/25 12:00	08/13/25 15:08	1
PCB-1221	<0.0000574	U	0.000625	0.0000574	mg/L		08/13/25 12:00	08/13/25 15:08	1
PCB-1232	<0.0000574	U	0.000625	0.0000574	mg/L		08/13/25 12:00	08/13/25 15:08	1
PCB-1242	<0.0000574	U	0.000313	0.0000574	mg/L		08/13/25 12:00	08/13/25 15:08	1
PCB-1248	<0.0000574	U	0.000625	0.0000574	mg/L		08/13/25 12:00	08/13/25 15:08	1
PCB-1254	<0.0000756	U	0.000625	0.0000756	mg/L		08/13/25 12:00	08/13/25 15:08	1
PCB-1260	<0.0000756	U	0.000313	0.0000756	mg/L		08/13/25 12:00	08/13/25 15:08	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 860-254885/1-A
Matrix: Water
Analysis Batch: 254831

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 254885

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		52 - 134	08/13/25 12:00	08/13/25 15:08	1
DCB Decachlorobiphenyl (Surr)	65		28 - 94	08/13/25 12:00	08/13/25 15:08	1

Lab Sample ID: LCS 860-254885/4-A
Matrix: Water
Analysis Batch: 254831

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 254885

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00630	0.006610		mg/L		105	75 - 135		
PCB-1260			0.00630	0.006456		mg/L		103	65 - 115		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	87		52 - 134
DCB Decachlorobiphenyl (Surr)	62		28 - 94

Lab Sample ID: LCSD 860-254885/5-A
Matrix: Water
Analysis Batch: 254831

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 254885

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00620	0.006567		mg/L		106	75 - 135	1	20
PCB-1260			0.00620	0.006274		mg/L		101	65 - 115	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	87		52 - 134
DCB Decachlorobiphenyl (Surr)	62		28 - 94

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-254597/3
Matrix: Water
Analysis Batch: 254597

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/12/25 12:43	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/12/25 12:43	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/12/25 12:43	1

Lab Sample ID: LCS 860-254597/4
Matrix: Water
Analysis Batch: 254597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.57		mg/L		106	90 - 110		
Fluoride			10.0	10.60		mg/L		106	90 - 110		
Sulfate			10.0	10.51		mg/L		105	90 - 110		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-254597/5
Matrix: Water
Analysis Batch: 254597

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.65		mg/L		107	90 - 110	1	20
Fluoride			10.0	10.59		mg/L		106	90 - 110	0	20
Sulfate			10.0	10.64		mg/L		106	90 - 110	1	20

Lab Sample ID: LLCS 860-254597/7
Matrix: Water
Analysis Batch: 254597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			0.500	0.5408		mg/L		108	50 - 150
Fluoride			0.500	0.5473		mg/L		109	50 - 150
Sulfate			0.500	0.5686		mg/L		114	50 - 150

Lab Sample ID: MB 860-254598/3
Matrix: Water
Analysis Batch: 254598

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/12/25 12:43	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/12/25 12:43	1

Lab Sample ID: LCS 860-254598/4
Matrix: Water
Analysis Batch: 254598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N			10.0	10.79		mg/L		108	90 - 110
Nitrite as N			10.0	10.63		mg/L		106	90 - 110

Lab Sample ID: LCSD 860-254598/5
Matrix: Water
Analysis Batch: 254598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			10.0	10.82		mg/L		108	90 - 110	0	20
Nitrite as N			10.0	10.63		mg/L		106	90 - 110	0	20

Lab Sample ID: LLCS 860-254598/6
Matrix: Water
Analysis Batch: 254598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N			0.100	0.1115		mg/L		112	50 - 150
Nitrite as N			0.100	<0.0699	U	mg/L		52	50 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-255439/1-A
Matrix: Water
Analysis Batch: 255888

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255439

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/15/25 12:38	08/18/25 10:23	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/15/25 12:38	08/18/25 10:23	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/15/25 12:38	08/18/25 10:23	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/15/25 12:38	08/18/25 10:23	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/15/25 12:38	08/18/25 10:23	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/15/25 12:38	08/18/25 10:23	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/15/25 12:38	08/18/25 10:23	1

Lab Sample ID: LCS 860-255439/2-A
Matrix: Water
Analysis Batch: 255888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255439

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.30		mg/L		101	80 - 120
Iron	5.00	5.250		mg/L		105	80 - 120
Magnesium	25.0	25.00		mg/L		100	80 - 120
Sodium	25.0	24.70		mg/L		99	80 - 120
Sulfur	5.00	5.010		mg/L		100	80 - 125
SiO2	21.4	22.47		mg/L		105	80 - 120
Potassium	10.0	9.710		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-255439/3-A
Matrix: Water
Analysis Batch: 255888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255439

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.20		mg/L		101	80 - 120	0	20
Iron	5.00	5.240		mg/L		105	80 - 120	0	20
Magnesium	25.0	24.90		mg/L		100	80 - 120	0	20
Sodium	25.0	24.70		mg/L		99	80 - 120	0	20
Sulfur	5.00	4.990		mg/L		100	80 - 125	0	20
SiO2	21.4	22.47		mg/L		105	80 - 120	0	20
Potassium	10.0	9.690		mg/L		97	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-255073/1-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/14/25 08:59	08/14/25 18:07	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/14/25 08:59	08/14/25 18:07	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/14/25 08:59	08/14/25 18:07	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/14/25 08:59	08/14/25 18:07	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/14/25 08:59	08/14/25 18:07	1
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/14/25 08:59	08/14/25 18:07	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/14/25 08:59	08/14/25 18:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/14/25 08:59	08/14/25 18:07	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-255073/1-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255073

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/14/25 08:59	08/14/25 18:07	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/14/25 08:59	08/14/25 18:07	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/14/25 08:59	08/14/25 18:07	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/14/25 08:59	08/14/25 18:07	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/14/25 08:59	08/14/25 18:07	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/14/25 08:59	08/14/25 18:07	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/14/25 08:59	08/14/25 18:07	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/14/25 08:59	08/14/25 18:07	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/14/25 08:59	08/14/25 18:07	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/14/25 08:59	08/14/25 18:07	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/14/25 08:59	08/14/25 18:07	1

Lab Sample ID: LCS 860-255073/2-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255073

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5065		mg/L		101	80 - 120
Antimony	0.100	0.09129		mg/L		91	80 - 120
Arsenic	0.100	0.09922		mg/L		99	80 - 120
Barium	0.100	0.09811		mg/L		98	80 - 120
Beryllium	0.100	0.09923		mg/L		99	80 - 120
Boron	0.100	0.09645		mg/L		96	80 - 120
Cadmium	0.100	0.09952		mg/L		100	80 - 120
Chromium	0.100	0.09962		mg/L		100	80 - 120
Cobalt	0.100	0.09872		mg/L		99	80 - 120
Copper	0.100	0.09722		mg/L		97	80 - 120
Lead	0.100	0.09975		mg/L		100	80 - 120
Manganese	0.100	0.09941		mg/L		99	80 - 120
Molybdenum	0.100	0.09462		mg/L		95	80 - 120
Nickel	0.100	0.09845		mg/L		98	80 - 120
Selenium	0.100	0.1002		mg/L		100	80 - 120
Silver	0.0500	0.05314		mg/L		106	80 - 120
Thallium	0.100	0.1010		mg/L		101	80 - 120
Uranium	0.0250	0.02548		mg/L		102	80 - 120
Zinc	0.100	0.09753		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-255073/3-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255073

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5002		mg/L		100	80 - 120	1	20
Antimony	0.100	0.09212		mg/L		92	80 - 120	1	20
Arsenic	0.100	0.09864		mg/L		99	80 - 120	1	20
Barium	0.100	0.09833		mg/L		98	80 - 120	0	20
Beryllium	0.100	0.1001		mg/L		100	80 - 120	1	20
Boron	0.100	0.1013		mg/L		101	80 - 120	5	20
Cadmium	0.100	0.09930		mg/L		99	80 - 120	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-255073/3-A
Matrix: Water
Analysis Batch: 255428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255073

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium			0.100	0.1000		mg/L		100	80 - 120	0	20
Cobalt			0.100	0.09831		mg/L		98	80 - 120	0	20
Copper			0.100	0.09711		mg/L		97	80 - 120	0	20
Lead			0.100	0.1002		mg/L		100	80 - 120	0	20
Manganese			0.100	0.09992		mg/L		100	80 - 120	1	20
Molybdenum			0.100	0.09546		mg/L		95	80 - 120	1	20
Nickel			0.100	0.09859		mg/L		99	80 - 120	0	20
Selenium			0.100	0.1003		mg/L		100	80 - 120	0	20
Silver			0.0500	0.05325		mg/L		106	80 - 120	0	20
Thallium			0.100	0.1003		mg/L		100	80 - 120	1	20
Uranium			0.0250	0.02552		mg/L		102	80 - 120	0	20
Zinc			0.100	0.09611		mg/L		96	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-254827/1-B
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255044

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:05	08/14/25 21:14	1

Lab Sample ID: MB 860-255044/10-A
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255044

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/14/25 07:05	08/14/25 21:10	1

Lab Sample ID: LCS 860-255044/11-A
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255044

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.002032		mg/L		102	80 - 120		

Lab Sample ID: LCSD 860-255044/12-A
Matrix: Water
Analysis Batch: 255302

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255044

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001982		mg/L		99	80 - 120	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-255849/16
Matrix: Water
Analysis Batch: 255849

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/16/25 14:11	1

Lab Sample ID: LCS 860-255849/17
Matrix: Water
Analysis Batch: 255849

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.1021		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-255849/18
Matrix: Water
Analysis Batch: 255849

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.1014		mg/L		101	90 - 110	1	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-255447/24
Matrix: Water
Analysis Batch: 255447

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/14/25 23:04	1

Lab Sample ID: LCS 860-255447/25
Matrix: Water
Analysis Batch: 255447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.1048		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-255447/26
Matrix: Water
Analysis Batch: 255447

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.1066		mg/L		107	90 - 110	2	20

Lab Sample ID: LLCS 860-255447/27
Matrix: Water
Analysis Batch: 255447

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.004023	J	mg/L		80	50 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: MB 860-255521/24
Matrix: Water
Analysis Batch: 255521

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/15/25 14:17	1

Lab Sample ID: LCS 860-255521/25
Matrix: Water
Analysis Batch: 255521

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.1040		mg/L		104	90 - 110

Lab Sample ID: LCSD 860-255521/26
Matrix: Water
Analysis Batch: 255521

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.1046		mg/L		105	90 - 110	1	20

Lab Sample ID: LLCS 860-255521/27
Matrix: Water
Analysis Batch: 255521

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.002984	J	mg/L		60	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-256188/3
Matrix: Water
Analysis Batch: 256188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/19/25 10:46	1

Lab Sample ID: LCS 860-256188/4
Matrix: Water
Analysis Batch: 256188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	247.9		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-256188/5
Matrix: Water
Analysis Batch: 256188

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	246.2		mg/L		98	85 - 115	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-255134/1
Matrix: Water
Analysis Batch: 255134

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/14/25 11:39	1

Lab Sample ID: LCS 860-255134/2
Matrix: Water
Analysis Batch: 255134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	851.0		mg/L		85	80 - 120		

Lab Sample ID: 860-108639-1 DU
Matrix: Water
Analysis Batch: 255134

Client Sample ID: TMW-41
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1970			2026		mg/L				3	10

Lab Sample ID: 860-108639-2 DU
Matrix: Water
Analysis Batch: 255134

Client Sample ID: DUP-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2840			2790		mg/L				2	10

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

GC/MS VOA

Analysis Batch: 254968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	8260D SIM	
860-108639-2	DUP-1	Total/NA	Water	8260D SIM	
860-108639-3	TMW-42	Total/NA	Water	8260D SIM	
MB 860-254968/14	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-254968/1011	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-254968/12	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 256334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	8260D	
MB 860-256334/10	Method Blank	Total/NA	Water	8260D	
LCS 860-256334/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-256334/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 256618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1 - RA	TMW-41	Total/NA	Water	8260D	
860-108639-2	DUP-1	Total/NA	Water	8260D	
860-108639-3	TMW-42	Total/NA	Water	8260D	
MB 860-256618/9	Method Blank	Total/NA	Water	8260D	
LCS 860-256618/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-256618/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 255700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	3511	
860-108639-2	DUP-1	Total/NA	Water	3511	
860-108639-3	TMW-42	Total/NA	Water	3511	
MB 860-255700/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-255700/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-255700/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-255700/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-255700/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 255820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-255700/1-A	Method Blank	Total/NA	Water	8270E	255700
LCS 860-255700/2-A	Lab Control Sample	Total/NA	Water	8270E	255700
LCS 860-255700/4-A	Lab Control Sample	Total/NA	Water	8270E	255700
LCSD 860-255700/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	255700
LCSD 860-255700/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	255700

Analysis Batch: 256107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	8270E	255700
860-108639-2	DUP-1	Total/NA	Water	8270E	255700
860-108639-3	TMW-42	Total/NA	Water	8270E	255700

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

GC Semi VOA

Analysis Batch: 254831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	8082A	254885
860-108639-2	DUP-1	Total/NA	Water	8082A	254885
860-108639-3	TMW-42	Total/NA	Water	8082A	254885
MB 860-254885/1-A	Method Blank	Total/NA	Water	8082A	254885
LCS 860-254885/4-A	Lab Control Sample	Total/NA	Water	8082A	254885
LCSD 860-254885/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	254885

Prep Batch: 254885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	3511	
860-108639-2	DUP-1	Total/NA	Water	3511	
860-108639-3	TMW-42	Total/NA	Water	3511	
MB 860-254885/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-254885/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-254885/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

HPLC/IC

Analysis Batch: 254597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	300.0	
860-108639-1 - DL	TMW-41	Total/NA	Water	300.0	
860-108639-2	DUP-1	Total/NA	Water	300.0	
860-108639-2 - DL	DUP-1	Total/NA	Water	300.0	
860-108639-3	TMW-42	Total/NA	Water	300.0	
860-108639-3 - DL	TMW-42	Total/NA	Water	300.0	
MB 860-254597/3	Method Blank	Total/NA	Water	300.0	
LCS 860-254597/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-254597/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-254597/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 254598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	300.0	
860-108639-2	DUP-1	Total/NA	Water	300.0	
860-108639-3	TMW-42	Total/NA	Water	300.0	
MB 860-254598/3	Method Blank	Total/NA	Water	300.0	
LCS 860-254598/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-254598/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-254598/6	Lab Control Sample	Total/NA	Water	300.0	

Metals

Leach Batch: 254827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-254827/1-B	Method Blank	Total/NA	Water	1311	

Prep Batch: 255044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	7470A	
860-108639-2	DUP-1	Total/NA	Water	7470A	
860-108639-3	TMW-42	Total/NA	Water	7470A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Metals (Continued)

Prep Batch: 255044 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-254827/1-B	Method Blank	Total/NA	Water	7470A	254827
MB 860-255044/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-255044/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-255044/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 255073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	3010A	
860-108639-2	DUP-1	Total/NA	Water	3010A	
860-108639-3	TMW-42	Total/NA	Water	3010A	
MB 860-255073/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-255073/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-255073/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 255302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	7470A	255044
860-108639-2	DUP-1	Total/NA	Water	7470A	255044
860-108639-3	TMW-42	Total/NA	Water	7470A	255044
LB 860-254827/1-B	Method Blank	Total/NA	Water	7470A	255044
MB 860-255044/10-A	Method Blank	Total/NA	Water	7470A	255044
LCS 860-255044/11-A	Lab Control Sample	Total/NA	Water	7470A	255044
LCSD 860-255044/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	255044

Analysis Batch: 255428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	6020B	255073
860-108639-2	DUP-1	Total/NA	Water	6020B	255073
860-108639-3	TMW-42	Total/NA	Water	6020B	255073
MB 860-255073/1-A	Method Blank	Total/NA	Water	6020B	255073
LCS 860-255073/2-A	Lab Control Sample	Total/NA	Water	6020B	255073
LCSD 860-255073/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	255073

Prep Batch: 255439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	3010A	
860-108639-2	DUP-1	Total/NA	Water	3010A	
860-108639-3	TMW-42	Total/NA	Water	3010A	
MB 860-255439/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-255439/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-255439/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 255520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	6020B	255073
860-108639-2	DUP-1	Total/NA	Water	6020B	255073
860-108639-3	TMW-42	Total/NA	Water	6020B	255073

Analysis Batch: 255888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	6010D	255439

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Metals (Continued)

Analysis Batch: 255888 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	6010D	255439
860-108639-2	DUP-1	Total/NA	Water	6010D	255439
860-108639-2	DUP-1	Total/NA	Water	6010D	255439
860-108639-3	TMW-42	Total/NA	Water	6010D	255439
860-108639-3	TMW-42	Total/NA	Water	6010D	255439
MB 860-255439/1-A	Method Blank	Total/NA	Water	6010D	255439
LCS 860-255439/2-A	Lab Control Sample	Total/NA	Water	6010D	255439
LCSD 860-255439/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	255439

General Chemistry

Analysis Batch: 254863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	SM 1030E	
860-108639-2	DUP-1	Total/NA	Water	SM 1030E	
860-108639-3	TMW-42	Total/NA	Water	SM 1030E	

Analysis Batch: 255134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	SM 2540C	
860-108639-2	DUP-1	Total/NA	Water	SM 2540C	
860-108639-3	TMW-42	Total/NA	Water	SM 2540C	
MB 860-255134/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-255134/2	Lab Control Sample	Total/NA	Water	SM 2540C	
860-108639-1 DU	TMW-41	Total/NA	Water	SM 2540C	
860-108639-2 DU	DUP-1	Total/NA	Water	SM 2540C	

Analysis Batch: 255447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-3	TMW-42	Total/NA	Water	Kelada 01	
MB 860-255447/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-255447/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-255447/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-255447/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 255521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	Kelada 01	
860-108639-2	DUP-1	Total/NA	Water	Kelada 01	
MB 860-255521/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-255521/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-255521/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-255521/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 255543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	9040C	
860-108639-2	DUP-1	Total/NA	Water	9040C	
860-108639-3	TMW-42	Total/NA	Water	9040C	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

General Chemistry

Analysis Batch: 255849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	420.4	
860-108639-2	DUP-1	Total/NA	Water	420.4	
860-108639-3	TMW-42	Total/NA	Water	420.4	
MB 860-255849/16	Method Blank	Total/NA	Water	420.4	
LCS 860-255849/17	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-255849/18	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 256188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	SM 2320B	
860-108639-2	DUP-1	Total/NA	Water	SM 2320B	
860-108639-3	TMW-42	Total/NA	Water	SM 2320B	
MB 860-256188/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-256188/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-256188/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-41

Date Collected: 08/11/25 10:45
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256334	08/20/25 14:59	NA	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	256618	08/21/25 13:28	KLV	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	254968	08/14/25 08:38	NA	EET HOU
Total/NA	Prep	3511			70.2 mL	4 mL	255700	08/17/25 09:34	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256107	08/19/25 22:41	T1S	EET HOU
Total/NA	Prep	3511			40.8 mL	5 mL	254885	08/13/25 12:00	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	254831	08/13/25 16:50	KM	EET HOU
Total/NA	Analysis	300.0		1			254597	08/12/25 19:30	WP	EET HOU
Total/NA	Analysis	300.0		1			254598	08/12/25 19:30	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			254597	08/12/25 19:40	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255439	08/15/25 12:39	MD	EET HOU
Total/NA	Analysis	6010D		1			255888	08/18/25 11:05	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255439	08/15/25 12:39	MD	EET HOU
Total/NA	Analysis	6010D		50			255888	08/18/25 11:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255073	08/14/25 08:59	MD	EET HOU
Total/NA	Analysis	6020B		1			255428	08/14/25 19:36	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255073	08/14/25 08:59	MD	EET HOU
Total/NA	Analysis	6020B		5			255520	08/15/25 13:40	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	255044	08/14/25 07:05	AGR	EET HOU
Total/NA	Analysis	7470A		1			255302	08/14/25 21:46	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	255849	08/16/25 15:26	BW	EET HOU
Total/NA	Analysis	9040C		1			255543	08/15/25 17:34	CT	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	255521	08/15/25 15:05	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			254863	08/18/25 11:10	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			256188	08/19/25 12:20	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	255134	08/14/25 11:39	AP	EET HOU

Client Sample ID: DUP-1

Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256618	08/21/25 13:49	KLV	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	254968	08/14/25 08:59	NA	EET HOU
Total/NA	Prep	3511			69.4 mL	4 mL	255700	08/17/25 09:34	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256107	08/19/25 23:11	T1S	EET HOU
Total/NA	Prep	3511			41.6 mL	5 mL	254885	08/13/25 12:00	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	254831	08/13/25 16:37	KM	EET HOU
Total/NA	Analysis	300.0		1			254597	08/12/25 19:49	WP	EET HOU
Total/NA	Analysis	300.0		1			254598	08/12/25 19:49	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			254597	08/12/25 19:59	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255439	08/15/25 12:39	MD	EET HOU
Total/NA	Analysis	6010D		1			255888	08/18/25 11:07	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: DUP-1

Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	255439	08/15/25 12:39	MD	EET HOU
Total/NA	Analysis	6010D		50			255888	08/18/25 11:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255073	08/14/25 08:59	MD	EET HOU
Total/NA	Analysis	6020B		1			255428	08/14/25 19:40	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255073	08/14/25 08:59	MD	EET HOU
Total/NA	Analysis	6020B		5			255520	08/15/25 13:43	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	255044	08/14/25 07:05	AGR	EET HOU
Total/NA	Analysis	7470A		1			255302	08/14/25 21:47	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	255849	08/16/25 15:29	BW	EET HOU
Total/NA	Analysis	9040C		1			255543	08/15/25 17:37	CT	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	255521	08/15/25 15:01	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			254863	08/18/25 11:12	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			256188	08/19/25 12:03	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	255134	08/14/25 11:39	AP	EET HOU

Client Sample ID: TMW-42

Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256618	08/21/25 14:09	KLV	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	254968	08/14/25 09:19	NA	EET HOU
Total/NA	Prep	3511			71.3 mL	4 mL	255700	08/17/25 09:34	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256107	08/19/25 23:42	T1S	EET HOU
Total/NA	Prep	3511			843.7 mL	5 mL	254885	08/13/25 12:00	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	254831	08/13/25 17:01	KM	EET HOU
Total/NA	Analysis	300.0		1			254597	08/12/25 20:08	WP	EET HOU
Total/NA	Analysis	300.0		1			254598	08/12/25 20:08	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			254597	08/12/25 20:18	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255439	08/15/25 12:39	MD	EET HOU
Total/NA	Analysis	6010D		1			255888	08/18/25 11:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255439	08/15/25 12:39	MD	EET HOU
Total/NA	Analysis	6010D		50			255888	08/18/25 11:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255073	08/14/25 08:59	MD	EET HOU
Total/NA	Analysis	6020B		1			255428	08/14/25 19:48	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255073	08/14/25 08:59	MD	EET HOU
Total/NA	Analysis	6020B		10			255520	08/15/25 13:46	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	255044	08/14/25 07:06	AGR	EET HOU
Total/NA	Analysis	7470A		1			255302	08/14/25 21:48	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	255849	08/16/25 15:32	BW	EET HOU
Total/NA	Analysis	9040C		1			255543	08/15/25 17:35	CT	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	255447	08/15/25 00:40	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			254863	08/18/25 11:14	RJD	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Client Sample ID: TMW-42
Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1			256188	08/19/25 11:57	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	255134	08/14/25 11:39	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108639-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	08-25-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-108639-1	TMW-41	Water	08/11/25 10:45	08/12/25 08:45	Texas
860-108639-2	DUP-1	Water	08/11/25 11:00	08/12/25 08:45	Texas
860-108639-3	TMW-42	Water	08/11/25 13:40	08/12/25 08:45	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins
Environment Testing

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Calion_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-41	8-11-25	10:45		Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
DUP-1	8-11-25	11:00		Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-108639 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Austin Worley	8-11-25 14:30	Terracon		8-12-25 1245	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: not provided

Cooler Temperature(s) °C and Other Remarks: IR Thermo 3.0° and 4.1°

V 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM
8/26/2025
Page 49 of 53

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	6270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-42	8-11-25	13:40		Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Austin Worley	Date/Time: 8-11-25 1439	Company: Terracon	Received by:	Date/Time: 8-12-25 1245	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. not provided	Cooler Temperature(s) °C and Other Remarks: 1.2

Ver: 05/06/2024

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8/26/2025
Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-246189.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-108639-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/19/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW-41 (860-108639-1)	8/11/25	10:45 Central	G	Water			X	X	X	3	
DUP-1 (860-108639-2)	8/11/25	11:00 Central	G	Water			X	X	X	3	
TMW-42 (860-108639-3)	8/11/25	13:40 Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
PJ	8/12			0830 AUG 13 2025	
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-246189.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-108639-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/19/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW-41 (860-108639-1)	8/11/25	10:45 Central	G	Water			X	X	X	3	
DUP-1 (860-108639-2)	8/11/25	11:00 Central	G	Water			X	X	X	3	
TMW-42 (860-108639-3)	8/11/25	13:40 Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8/12	Company	Received by:	Date/Time: 0836 AUG 13 2025	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108639-1

Login Number: 108639 **List Source: Eurofins Houston**
List Number: 1
Creator: Grandits, Corey

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Houston

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/12/2025 1:58:32 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-108639-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/12/2025 1:58:32 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-108639-2

Table of Contents

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108639-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-108639-2
Project: EBDU 37

Job ID: 860-108639-2 Eurofins Houston

Job Narrative
860-108639-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/12/2025 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 3.9°C.

Receipt Exceptions
One container for the following sample was received leaking: TMW-41 (860-108639-1).

Affected Container:
B-1

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 732116

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: TMW-41 (860-108639-1), DUP-1 (860-108639-2) and TMW-42 (860-108639-3). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 batch 731962
The LCS recovered at (127%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (63%-154%) per method requirements. The LCS passes, no further action is required

(LCS 160-731962/2-A)

Method 904.0: Radium-228 batch 731962
The detection goal was not met for the following samples due to the reduced sample volume in prep attributed to the presence of matrix interferences: TMW-41 (860-108639-1) and TMW-42 (860-108639-3). Analytical results are reported with the detection limit achieved.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Client Sample ID: TMW-41 Lab Sample ID: 860-108639-1

No Detections.

Client Sample ID: DUP-1 Lab Sample ID: 860-108639-2

No Detections.

Client Sample ID: TMW-42 Lab Sample ID: 860-108639-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Client Sample ID: TMW-41

Lab Sample ID: 860-108639-1
Matrix: Water
Date Collected: 08/11/25 10:45
Date Received: 08/12/25 08:45

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	15.3	U G	15.2	15.3	3.00	24.6	pCi/L	08/15/25 07:50	08/18/25 21:42	1
Gross Beta	5.31	U G	4.95	4.98	4.00	7.77	pCi/L	08/15/25 07:50	08/18/25 21:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.505	U	0.577	0.579	1.00	0.942	pCi/L	08/14/25 08:07	09/11/25 16:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*08/14/25 08:07*	*09/11/25 16:09*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.00**	**G**	1.18	1.21	1.00	1.57	pCi/L	08/14/25 08:12	09/11/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*08/14/25 08:12*	*09/11/25 11:59*	*1*
Y Carrier	*72.9*		*30 - 110*	*08/14/25 08:12*	*09/11/25 11:59*	*1*

Client Sample ID: DUP-1

Lab Sample ID: 860-108639-2
Matrix: Water
Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	7.82	U G	12.3	12.4	3.00	21.1	pCi/L	08/15/25 07:50	08/18/25 21:42	1
Gross Beta	3.69	U G	3.99	4.01	4.00	6.36	pCi/L	08/15/25 07:50	08/18/25 21:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.158	U	0.300	0.300	1.00	0.529	pCi/L	08/14/25 08:07	09/11/25 16:09	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*08/14/25 08:07*	*09/11/25 16:09*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.50**		0.637	0.651	1.00	0.847	pCi/L	08/14/25 08:12	09/11/25 11:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*08/14/25 08:12*	*09/11/25 11:59*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Client Sample ID: DUP-1

Lab Sample ID: 860-108639-2
Matrix: Water
Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	75.1		30 - 110	08/14/25 08:12	09/11/25 11:59	1

Client Sample ID: TMW-42

Lab Sample ID: 860-108639-3
Matrix: Water
Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**31.2**	**G**	17.1	17.5	3.00	23.2	pCi/L	08/15/25 07:50	08/18/25 22:42	1
Gross Beta	7.57	U G	5.81	5.86	4.00	8.67	pCi/L	08/15/25 07:50	08/18/25 22:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.26**		0.627	0.637	1.00	0.793	pCi/L	08/14/25 08:07	09/11/25 16:09	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110	08/14/25 08:07	09/11/25 16:09	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.34**	**G**	0.786	0.796	1.00	1.13	pCi/L	08/14/25 08:12	09/11/25 11:59	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.0		30 - 110	08/14/25 08:12	09/11/25 11:59	1
Y Carrier	77.8		30 - 110	08/14/25 08:12	09/11/25 11:59	1

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
860-108639-1	TMW-41	82.2
860-108639-2	DUP-1	90.0
860-108639-3	TMW-42	89.0
LCS 160-731961/2-A	Lab Control Sample	91.9
MB 160-731961/1-A	Method Blank	89.7

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
860-108639-1	TMW-41	82.2	72.9
860-108639-2	DUP-1	90.0	75.1
860-108639-3	TMW-42	89.0	77.8
LCS 160-731962/2-A	Lab Control Sample	91.9	78.5
MB 160-731962/1-A	Method Blank	89.7	81.5

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-732116/1-A
Matrix: Water
Analysis Batch: 732446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732116

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.01866	U	0.382	0.382	3.00	0.760	pCi/L	08/15/25 07:50	08/18/25 21:42	1
Gross Beta	0.3430	U	0.544	0.545	4.00	0.916	pCi/L	08/15/25 07:50	08/18/25 21:42	1

Lab Sample ID: LCS 160-732116/2-A
Matrix: Water
Analysis Batch: 732446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732116

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	49.4	58.34		8.20	3.00	2.01	pCi/L	118	75 - 125

Lab Sample ID: LCSB 160-732116/3-A
Matrix: Water
Analysis Batch: 732446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732116

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.4	74.12		7.96	4.00	1.04	pCi/L	107	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-731961/1-A
Matrix: Water
Analysis Batch: 735577

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731961

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1824	U	0.226	0.226	1.00	0.373	pCi/L	08/14/25 08:07	09/11/25 16:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*08/14/25 08:07*	*09/11/25 16:01*	*1*

Lab Sample ID: LCS 160-731961/2-A
Matrix: Water
Analysis Batch: 735576

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731961

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.987		1.23	1.00	0.346	pCi/L	94	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*91.9*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-731962/1-A
Matrix: Water
Analysis Batch: 735578

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 731962

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3595	U	0.353	0.354	1.00	0.566	pCi/L	08/14/25 08:12	09/11/25 11:59	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*08/14/25 08:12*	*09/11/25 11:59*	*1*
Y Carrier	*81.5*		*30 - 110*	*08/14/25 08:12*	*09/11/25 11:59*	*1*

Lab Sample ID: LCS 160-731962/2-A
Matrix: Water
Analysis Batch: 735578

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 731962

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.08	11.54		1.52	1.00	0.589	pCi/L	127	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*91.9*		*30 - 110*
Y Carrier	*78.5*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Rad

Prep Batch: 731961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	PrecSep-21	
860-108639-2	DUP-1	Total/NA	Water	PrecSep-21	
860-108639-3	TMW-42	Total/NA	Water	PrecSep-21	
MB 160-731961/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-731961/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 731962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	PrecSep_0	
860-108639-2	DUP-1	Total/NA	Water	PrecSep_0	
860-108639-3	TMW-42	Total/NA	Water	PrecSep_0	
MB 160-731962/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-731962/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108639-1	TMW-41	Total/NA	Water	Evaporation	
860-108639-2	DUP-1	Total/NA	Water	Evaporation	
860-108639-3	TMW-42	Total/NA	Water	Evaporation	
MB 160-732116/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-732116/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-732116/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Client Sample ID: TMW-41

Date Collected: 08/11/25 10:45
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			26.01 mL	1.0 g	732116	08/15/25 07:50	OGC	EET SL
Total/NA	Analysis	900.0		1	1.0 mL	1.0 mL	732446	08/18/25 21:42	SWS	EET SL
Total/NA	Prep	PrecSep-21			505.43 mL	1.0 g	731961	08/14/25 08:07	JTR	EET SL
Total/NA	Analysis	903.0		1			735576	09/11/25 16:09	SWS	EET SL
Total/NA	Prep	PrecSep_0			505.43 mL	1.0 g	731962	08/14/25 08:12	JTR	EET SL
Total/NA	Analysis	904.0		1			735578	09/11/25 11:59	SWS	EET SL

Client Sample ID: DUP-1

Date Collected: 08/11/25 11:00
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			25.02 mL	1.0 g	732116	08/15/25 07:50	OGC	EET SL
Total/NA	Analysis	900.0		1	1.0 mL	1.0 mL	732446	08/18/25 21:42	SWS	EET SL
Total/NA	Prep	PrecSep-21			752.54 mL	1.0 g	731961	08/14/25 08:07	JTR	EET SL
Total/NA	Analysis	903.0		1			735576	09/11/25 16:09	SWS	EET SL
Total/NA	Prep	PrecSep_0			752.54 mL	1.0 g	731962	08/14/25 08:12	JTR	EET SL
Total/NA	Analysis	904.0		1			735578	09/11/25 11:59	SWS	EET SL

Client Sample ID: TMW-42

Date Collected: 08/11/25 13:40
Date Received: 08/12/25 08:45

Lab Sample ID: 860-108639-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			22.02 mL	1.0 g	732116	08/15/25 07:50	OGC	EET SL
Total/NA	Analysis	900.0		1	1.0 mL	1.0 mL	732437	08/18/25 22:42	SWS	EET SL
Total/NA	Prep	PrecSep-21			502.53 mL	1.0 g	731961	08/14/25 08:07	JTR	EET SL
Total/NA	Analysis	903.0		1			735576	09/11/25 16:09	SWS	EET SL
Total/NA	Prep	PrecSep_0			502.53 mL	1.0 g	731962	08/14/25 08:12	JTR	EET SL
Total/NA	Analysis	904.0		1			735578	09/11/25 11:59	SWS	EET SL

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-108639-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108639-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-108639-1	TMW-41	Water	08/11/25 10:45	08/12/25 08:45	Texas
860-108639-2	DUP-1	Water	08/11/25 11:00	08/12/25 08:45	Texas
860-108639-3	TMW-42	Water	08/11/25 13:40	08/12/25 08:45	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins
Environment Testing

9/12/2025

Client Information

Client Contact: John Grams	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):
Company: Terracon Consulting Eng & Scientists	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: NM
Address: 5847 50th St	PWSID:	Due Date Requested:	COC No: 880-13691-2049.1
City: Lubbock		TAT Requested (days):	Page: Page 1 of 10
State, Zip: TX, 79424		Compliance Project: Δ Yes Δ No	Job #: AR25P108
Phone:		PO #: Purchase Order not required	
Email: john.grams@terracon.com		WO #:	
Project Name: EBDU 37		Project #: 88002619	
Site:		SSOW#:	

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Callon_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-41	8-11-25	10:45		Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
DUP-1	8-11-25	11:00		Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	
				Water																	
				Water																	

860-108639 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Austin Worley	Date/Time: 8-11-25 14:30	Company: Terracon	Received by:		Date/Time: 8-12-25 1245	Company	
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: not provided

Cooler Temperature(s) °C and Other Remarks: IR Thermo 3.0° AND 4.1°

V 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: NM	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	6270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-42	8-11-25	13:40		Water			X	X	X	X	X	X	X	X	X	X	X	X	X	80	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Chester Wiley	8-11-25 1439	Terracon		8-12-25 1245	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No. not provided	Cooler Temperature(s) °C and Other Remarks: 1.2

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM
9/12/2025
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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108639-2

Login Number: 108639 **List Source: Eurofins Houston**
List Number: 1
Creator: Grandits, Corey

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108639-2

Login Number: 108639 **List Source: Eurofins St. Louis**
List Number: 2 **List Creation: 08/13/25 11:46 AM**
Creator: Forrest, Cheyenne L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	Container B-1 received with lid off. About 200ml lost
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/28/2025 1:06:23 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-108950-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/28/2025 1:06:23 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-108950-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108950-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108950-1
Project/Site: EBDU 37

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-108950-1
Project: EBDU 37

Job ID: 860-108950-1 Eurofins Houston

Job Narrative
860-108950-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/14/2025 8:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.4°C and 2.7°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Surrogate DCB (Decachlorobiphenyl) in the continuing calibration verification (CCV) for batch 860-255672 was below the control limit (%D). The surrogate was recovered within laboratory control limits in primary and secondary column, therefore data was accepted.

(CCVIS 860-255672/4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-255128 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-255129 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: MW-12 Lab Sample ID: 860-108950-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	443		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	1.25		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.56		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	265		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	211		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.832		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	17.4		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	195		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	83.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	63.3		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.77		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.945		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00390	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0367		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.278		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00241	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000383	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Lead	0.000492	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0178		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00534		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000711	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0288		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00146		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00395	J	0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.25	HF			SU	1		9040C	Total/NA
Temperature	16.3	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.25	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00215	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	20.5				meq/L	1		SM 1030E	Total/NA
Total Anions	23.5				meq/L	1		SM 1030E	Total/NA
Percent Difference	-6.70				%	1		SM 1030E	Total/NA
Alkalinity	160		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	160		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1320		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-2 Lab Sample ID: 860-108950-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	279		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.659		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.32	F1	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	263		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	112		0.200	0.102	mg/L	1		6010D	Total/NA
Iron	0.127	J	0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	9.65		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	165		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	74.0		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	59.7		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	2.46		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.476		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00530		0.00400	0.000690	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-2 (Continued) — Lab Sample ID: 860-108950-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0363		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.277		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00200	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00710		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00725		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000528	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0289		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00131		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00481		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.32	HF			SU	1		9040C	Total/NA
Temperature	16.8	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.32	HF			SU	1		9040C	Total/NA
Total Cations	13.6				meq/L	1		SM 1030E	Total/NA
Total Anions	18.6				meq/L	1		SM 1030E	Total/NA
Percent Difference	-15.4				%	1		SM 1030E	Total/NA
Alkalinity	156		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	156		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	996		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-28 — Lab Sample ID: 860-108950-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	325		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.770		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.61		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	247		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	132		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.425		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	12.0		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	176		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	78.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	50.9		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.46		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.790		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00395	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0586		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.300		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00489		0.00400	0.000560	mg/L	1		6020B	Total/NA
Lead	0.000512	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.00850		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.0128		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00249		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0290		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00671		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.55	HF			SU	1		9040C	Total/NA
Temperature	17.1	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.55	HF			SU	1		9040C	Total/NA
Total Cations	15.3				meq/L	1		SM 1030E	Total/NA
Total Anions	18.7				meq/L	1		SM 1030E	Total/NA
Percent Difference	-9.92				%	1		SM 1030E	Total/NA
Alkalinity	129		4.00	4.00	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-28 (Continued) — Lab Sample ID: 860-108950-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bicarbonate Alkalinity as CaCO3	129		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1200		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 860-108950-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	325		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.760		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.60		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	246		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	94.5		0.200	0.102	mg/L	1		6010D	Total/NA
Iron	0.485		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	9.83		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	147		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	59.0		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	43.7		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.38		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.837		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00375	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0478		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.255		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00821		0.00400	0.000560	mg/L	1		6020B	Total/NA
Lead	0.000616	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.00944		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.0118		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00362		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0257		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00583		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.55	HF			SU	1		9040C	Total/NA
Temperature	17.9	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.55	HF			SU	1		9040C	Total/NA
Total Cations	12.0				meq/L	1		SM 1030E	Total/NA
Total Anions	18.4				meq/L	1		SM 1030E	Total/NA
Percent Difference	-21.1				%	1		SM 1030E	Total/NA
Alkalinity	128		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	128		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1010		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: MW-12
Date Collected: 08/13/25 11:50
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-1
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 08:35	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 08:35	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 08:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*08/21/25 08:35*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*08/21/25 08:35*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/21/25 05:02	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/21/25 05:02	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/21/25 05:02	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/21/25 05:02	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/21/25 05:02	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/21/25 05:02	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/21/25 05:02	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/21/25 05:02	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/21/25 05:02	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/21/25 05:02	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/21/25 05:02	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/21/25 05:02	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/21/25 05:02	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/21/25 05:02	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/21/25 05:02	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/21/25 05:02	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 05:02	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/21/25 05:02	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 05:02	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/21/25 05:02	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/21/25 05:02	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 05:02	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*08/21/25 05:02*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/21/25 05:02*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/21/25 05:02*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/21/25 05:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/20/25 12:10	08/20/25 21:10	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/20/25 12:10	08/20/25 21:10	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/20/25 12:10	08/20/25 21:10	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/20/25 12:10	08/20/25 21:10	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/20/25 12:10	08/20/25 21:10	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/20/25 12:10	08/20/25 21:10	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/20/25 12:10	08/20/25 21:10	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/20/25 12:10	08/20/25 21:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: MW-12
Date Collected: 08/13/25 11:50
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/20/25 12:10	08/20/25 21:10	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/20/25 12:10	08/20/25 21:10	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/20/25 12:10	08/20/25 21:10	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/20/25 12:10	08/20/25 21:10	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/20/25 12:10	08/20/25 21:10	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/20/25 12:10	08/20/25 21:10	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/20/25 12:10	08/20/25 21:10	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/20/25 12:10	08/20/25 21:10	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/20/25 12:10	08/20/25 21:10	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/20/25 12:10	08/20/25 21:10	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/20/25 12:10	08/20/25 21:10	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/20/25 12:10	08/20/25 21:10	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/20/25 12:10	08/20/25 21:10	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/20/25 12:10	08/20/25 21:10	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/20/25 12:10	08/20/25 21:10	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/20/25 12:10	08/20/25 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 130*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
2-Fluorophenol (Surr)	*69*		*19 - 120*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
2-Fluorobiphenyl	*86*		*43 - 130*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
Phenol-d5 (Surr)	*44*		*8 - 124*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
p-Terphenyl-d14 (Surr)	*89*		*47 - 130*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*08/20/25 12:10*	*08/20/25 21:10*	*1*
p-Terphenyl-d14 (Surr)	*89*		*47 - 130*	*08/20/25 12:10*	*08/20/25 21:10*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 18:57	1
PCB-1221	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 18:57	1
PCB-1232	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 18:57	1
PCB-1242	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 18:57	1
PCB-1248	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 18:57	1
PCB-1254	<0.0000756	U	0.000625	0.0000756	mg/L		08/14/25 11:37	08/16/25 18:57	1
PCB-1260	<0.0000756	U	0.000313	0.0000756	mg/L		08/14/25 11:37	08/16/25 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*99*		*52 - 134*	*08/14/25 11:37*	*08/16/25 18:57*	*1*
DCB Decachlorobiphenyl (Surr)	*32*		*28 - 94*	*08/14/25 11:37*	*08/16/25 18:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**443**		0.500	0.250	mg/L			08/14/25 17:57	1
Nitrate as N	**1.25**		0.100	0.0391	mg/L			08/14/25 17:57	1
Fluoride	**1.56**		0.500	0.100	mg/L			08/14/25 17:57	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/14/25 17:57	1
Sulfate	**265**		0.500	0.200	mg/L			08/14/25 17:57	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: MW-12

Date Collected: 08/13/25 11:50
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-1

Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**211**		10.0	5.08	mg/L		08/18/25 08:50	08/18/25 17:14	50
Iron	**0.832**		0.200	0.0283	mg/L		08/18/25 08:50	08/18/25 17:10	1
Magnesium	**17.4**		0.200	0.0445	mg/L		08/18/25 08:50	08/18/25 17:10	1
Sodium	**195**		0.500	0.152	mg/L		08/18/25 08:50	08/18/25 17:10	1
Sulfur	**83.0**		5.00	1.85	mg/L		08/18/25 08:50	08/18/25 17:14	50
SiO2	**63.3**		1.07	0.370	mg/L		08/18/25 08:50	08/18/25 17:10	1
Potassium	**3.77**		0.500	0.106	mg/L		08/18/25 08:50	08/18/25 17:10	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.945**		0.0200	0.00549	mg/L		08/15/25 12:34	08/15/25 18:24	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/15/25 12:34	08/15/25 18:24	1
Arsenic	**0.00390**	**J**	0.00400	0.000690	mg/L		08/15/25 12:34	08/15/25 18:24	1
Barium	**0.0367**		0.00400	0.00134	mg/L		08/15/25 12:34	08/15/25 18:24	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/15/25 12:34	08/15/25 18:24	1
Boron	**0.278**		0.0100	0.00401	mg/L		08/15/25 12:34	08/15/25 18:24	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/15/25 12:34	08/15/25 18:24	1
Chromium	**0.00241**	**J**	0.00400	0.000560	mg/L		08/15/25 12:34	08/15/25 18:24	1
Cobalt	**0.000383**	**J**	0.00200	0.000355	mg/L		08/15/25 12:34	08/15/25 18:24	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/15/25 12:34	08/15/25 18:24	1
Lead	**0.000492**	**J**	0.00200	0.000367	mg/L		08/15/25 12:34	08/15/25 18:24	1
Manganese	**0.0178**		0.00200	0.000759	mg/L		08/15/25 12:34	08/15/25 18:24	1
Molybdenum	**0.00534**		0.00200	0.000255	mg/L		08/15/25 12:34	08/15/25 18:24	1
Nickel	**0.000711**	**J**	0.00200	0.000528	mg/L		08/15/25 12:34	08/15/25 18:24	1
Selenium	**0.0288**		0.00200	0.000590	mg/L		08/15/25 12:34	08/15/25 18:24	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/15/25 12:34	08/15/25 18:24	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/15/25 12:34	08/15/25 18:24	1
Uranium	**0.00146**		0.00100	0.000211	mg/L		08/15/25 12:34	08/15/25 18:24	1
Zinc	**0.00395**	**J**	0.00400	0.00274	mg/L		08/15/25 12:34	08/15/25 18:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 15:19	1
pH (SW846 9040C)	**7.25**	**HF**			SU			08/19/25 19:15	1
Temperature (SW846 9040C)	**16.3**	**HF**			Degrees C			08/19/25 19:15	1
Corrosivity (SW846 9040C)	**7.25**	**HF**			SU			08/19/25 19:15	1
Cyanide, Total (EPA Kelada 01)	**0.00215**	**J**	0.00500	0.00198	mg/L			08/19/25 16:11	1
Total Cations (SM 1030E)	**20.5**				meq/L			08/18/25 17:14	1
Total Anions (SM 1030E)	**23.5**				meq/L			08/18/25 17:14	1
Percent Difference (SM 1030E)	**-6.70**				%			08/18/25 17:14	1
Alkalinity (SM 2320B)	**160**		4.00	4.00	mg/L			08/20/25 14:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**160**		4.00	4.00	mg/L			08/20/25 14:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 14:45	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 14:45	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 14:45	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: MW-12

Date Collected: 08/13/25 11:50
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-1
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1320		20.0	20.0	mg/L			08/19/25 14:31	1

Client Sample ID: TMW-2

Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-2
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 08:56	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 08:56	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 08:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/21/25 08:56*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/21/25 08:56*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/21/25 05:22	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/21/25 05:22	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/21/25 05:22	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/21/25 05:22	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/21/25 05:22	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/21/25 05:22	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/21/25 05:22	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/21/25 05:22	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/21/25 05:22	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/21/25 05:22	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/21/25 05:22	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/21/25 05:22	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/21/25 05:22	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/21/25 05:22	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/21/25 05:22	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/21/25 05:22	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 05:22	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/21/25 05:22	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 05:22	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/21/25 05:22	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/21/25 05:22	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 05:22	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/21/25 05:22*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/21/25 05:22*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/21/25 05:22*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/21/25 05:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0963	U	0.573	0.0963	ug/L		08/20/25 12:10	08/20/25 21:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-2
Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.121	U	0.573	0.121	ug/L		08/20/25 12:10	08/20/25 21:40	1
2-Methylnaphthalene	<0.109	U	0.573	0.109	ug/L		08/20/25 12:10	08/20/25 21:40	1
Acenaphthene	<0.102	U	0.573	0.102	ug/L		08/20/25 12:10	08/20/25 21:40	1
1,2-Dichlorobenzene	<0.101	U	0.573	0.101	ug/L		08/20/25 12:10	08/20/25 21:40	1
Acenaphthylene	<0.125	U	0.573	0.125	ug/L		08/20/25 12:10	08/20/25 21:40	1
Anthracene	<0.104	U	0.573	0.104	ug/L		08/20/25 12:10	08/20/25 21:40	1
Benzo[a]anthracene	<0.127	U	0.287	0.127	ug/L		08/20/25 12:10	08/20/25 21:40	1
Benzo[a]pyrene	<0.108	U	0.287	0.108	ug/L		08/20/25 12:10	08/20/25 21:40	1
1,4-Dichlorobenzene	<0.110	U	0.573	0.110	ug/L		08/20/25 12:10	08/20/25 21:40	1
Benzo[b]fluoranthene	<0.125	U	0.573	0.125	ug/L		08/20/25 12:10	08/20/25 21:40	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/20/25 12:10	08/20/25 21:40	1
Benzo[g,h,i]perylene	<0.0906	U	0.573	0.0906	ug/L		08/20/25 12:10	08/20/25 21:40	1
Benzo[k]fluoranthene	<0.124	U	0.573	0.124	ug/L		08/20/25 12:10	08/20/25 21:40	1
Pentachlorophenol	<0.313	U	0.573	0.313	ug/L		08/20/25 12:10	08/20/25 21:40	1
Chrysene	<0.0968	U	0.573	0.0968	ug/L		08/20/25 12:10	08/20/25 21:40	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/20/25 12:10	08/20/25 21:40	1
Dibenz(a,h)anthracene	<0.0853	U	0.115	0.0853	ug/L		08/20/25 12:10	08/20/25 21:40	1
Fluoranthene	<0.120	U	0.573	0.120	ug/L		08/20/25 12:10	08/20/25 21:40	1
Fluorene	<0.113	U	0.573	0.113	ug/L		08/20/25 12:10	08/20/25 21:40	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.573	0.103	ug/L		08/20/25 12:10	08/20/25 21:40	1
Naphthalene	<0.115	U	0.573	0.115	ug/L		08/20/25 12:10	08/20/25 21:40	1
Phenanthrene	<0.107	U	0.573	0.107	ug/L		08/20/25 12:10	08/20/25 21:40	1
Pyrene	<0.129	U	0.573	0.129	ug/L		08/20/25 12:10	08/20/25 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*35 - 130*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
2-Fluorobiphenyl	*79*		*43 - 130*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
2-Fluorobiphenyl	*79*		*43 - 130*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
Phenol-d5 (Surr)	*52*		*8 - 124*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
p-Terphenyl-d14 (Surr)	*75*		*47 - 130*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*08/20/25 12:10*	*08/20/25 21:40*	*1*
p-Terphenyl-d14 (Surr)	*75*		*47 - 130*	*08/20/25 12:10*	*08/20/25 21:40*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000566	U	0.000308	0.0000566	mg/L		08/14/25 11:37	08/19/25 14:30	1
PCB-1221	<0.0000566	U	0.000616	0.0000566	mg/L		08/14/25 11:37	08/19/25 14:30	1
PCB-1232	<0.0000566	U	0.000616	0.0000566	mg/L		08/14/25 11:37	08/19/25 14:30	1
PCB-1242	<0.0000566	U	0.000308	0.0000566	mg/L		08/14/25 11:37	08/19/25 14:30	1
PCB-1248	<0.0000566	U	0.000616	0.0000566	mg/L		08/14/25 11:37	08/19/25 14:30	1
PCB-1254	<0.0000744	U	0.000616	0.0000744	mg/L		08/14/25 11:37	08/19/25 14:30	1
PCB-1260	<0.0000744	U	0.000308	0.0000744	mg/L		08/14/25 11:37	08/19/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*52 - 134*	*08/14/25 11:37*	*08/19/25 14:30*	*1*
DCB Decachlorobiphenyl (Surr)	*29*		*28 - 94*	*08/14/25 11:37*	*08/19/25 14:30*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-2
Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	279		0.500	0.250	mg/L			08/15/25 01:04	1
Nitrate as N	0.659		0.100	0.0391	mg/L			08/15/25 01:04	1
Fluoride	1.32	F1	0.500	0.100	mg/L			08/15/25 01:04	1
Nitrite as N	<0.0699	U F1	0.100	0.0699	mg/L			08/15/25 01:04	1
Sulfate	263		0.500	0.200	mg/L			08/15/25 01:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	112		0.200	0.102	mg/L		08/16/25 08:07	08/18/25 12:39	1
Iron	0.127	J	0.200	0.0283	mg/L		08/16/25 08:07	08/18/25 12:39	1
Magnesium	9.65		0.200	0.0445	mg/L		08/16/25 08:07	08/18/25 12:39	1
Sodium	165		0.500	0.152	mg/L		08/16/25 08:07	08/18/25 12:39	1
Sulfur	74.0		0.100	0.0370	mg/L		08/16/25 08:07	08/18/25 12:39	1
SiO2	59.7		1.07	0.370	mg/L		08/16/25 08:07	08/18/25 12:39	1
Potassium	2.46		0.500	0.106	mg/L		08/16/25 08:07	08/18/25 12:39	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.476		0.0200	0.00549	mg/L		08/15/25 12:34	08/15/25 18:30	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/15/25 12:34	08/15/25 18:30	1
Arsenic	0.00530		0.00400	0.000690	mg/L		08/15/25 12:34	08/15/25 18:30	1
Barium	0.0363		0.00400	0.00134	mg/L		08/15/25 12:34	08/15/25 18:30	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/15/25 12:34	08/15/25 18:30	1
Boron	0.277		0.0100	0.00401	mg/L		08/15/25 12:34	08/15/25 18:30	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/15/25 12:34	08/15/25 18:30	1
Chromium	0.00200	J	0.00400	0.000560	mg/L		08/15/25 12:34	08/15/25 18:30	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/15/25 12:34	08/15/25 18:30	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/15/25 12:34	08/15/25 18:30	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/15/25 12:34	08/15/25 18:30	1
Manganese	0.00710		0.00200	0.000759	mg/L		08/15/25 12:34	08/15/25 18:30	1
Molybdenum	0.00725		0.00200	0.000255	mg/L		08/15/25 12:34	08/15/25 18:30	1
Nickel	0.000528	J	0.00200	0.000528	mg/L		08/15/25 12:34	08/15/25 18:30	1
Selenium	0.0289		0.00200	0.000590	mg/L		08/15/25 12:34	08/15/25 18:30	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/15/25 12:34	08/15/25 18:30	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/15/25 12:34	08/15/25 18:30	1
Uranium	0.00131		0.00100	0.000211	mg/L		08/15/25 12:34	08/15/25 18:30	1
Zinc	0.00481		0.00400	0.00274	mg/L		08/15/25 12:34	08/15/25 18:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 15:25	1
pH (SW846 9040C)	7.32	HF			SU			08/19/25 19:17	1
Temperature (SW846 9040C)	16.8	HF			Degrees C			08/19/25 19:17	1
Corrosivity (SW846 9040C)	7.32	HF			SU			08/19/25 19:17	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 16:14	1
Total Cations (SM 1030E)	13.6				meq/L			08/18/25 12:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-2

Lab Sample ID: 860-108950-2
Matrix: Water
Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Anions (SM 1030E)	**18.6**				meq/L			08/18/25 12:39	1
Percent Difference (SM 1030E)	**-15.4**				%			08/18/25 12:39	1
Alkalinity (SM 2320B)	**156**		4.00	4.00	mg/L			08/20/25 14:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**156**		4.00	4.00	mg/L			08/20/25 14:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 14:58	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 14:58	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 14:58	1
Total Dissolved Solids (SM 2540C)	**996**		10.0	10.0	mg/L			08/19/25 14:31	1

Client Sample ID: TMW-28

Lab Sample ID: 860-108950-3
Matrix: Water
Date Collected: 08/13/25 08:30
Date Received: 08/14/25 08:55

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 09:16	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 09:16	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 09:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*08/21/25 09:16*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/21/25 09:16*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/21/25 05:43	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/21/25 05:43	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/21/25 05:43	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/21/25 05:43	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/21/25 05:43	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/21/25 05:43	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/21/25 05:43	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/21/25 05:43	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/21/25 05:43	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/21/25 05:43	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/21/25 05:43	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/21/25 05:43	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/21/25 05:43	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/21/25 05:43	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/21/25 05:43	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/21/25 05:43	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 05:43	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/21/25 05:43	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 05:43	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/21/25 05:43	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/21/25 05:43	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 05:43	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 05:43	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-28

Date Collected: 08/13/25 08:30
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 144		08/21/25 05:43	1
4-Bromofluorobenzene (Surr)	101		74 - 124		08/21/25 05:43	1
Dibromofluoromethane (Surr)	104		75 - 131		08/21/25 05:43	1
Toluene-d8 (Surr)	102		80 - 120		08/21/25 05:43	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/20/25 12:10	08/20/25 22:10	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/20/25 12:10	08/20/25 22:10	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/20/25 12:10	08/20/25 22:10	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/20/25 12:10	08/20/25 22:10	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/20/25 12:10	08/20/25 22:10	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/20/25 12:10	08/20/25 22:10	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/20/25 12:10	08/20/25 22:10	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/20/25 12:10	08/20/25 22:10	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/20/25 12:10	08/20/25 22:10	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/20/25 12:10	08/20/25 22:10	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/20/25 12:10	08/20/25 22:10	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/20/25 12:10	08/20/25 22:10	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/20/25 12:10	08/20/25 22:10	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/20/25 12:10	08/20/25 22:10	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/20/25 12:10	08/20/25 22:10	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/20/25 12:10	08/20/25 22:10	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/20/25 12:10	08/20/25 22:10	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/20/25 12:10	08/20/25 22:10	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/20/25 12:10	08/20/25 22:10	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/20/25 12:10	08/20/25 22:10	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/20/25 12:10	08/20/25 22:10	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/20/25 12:10	08/20/25 22:10	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/20/25 12:10	08/20/25 22:10	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/20/25 12:10	08/20/25 22:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	95		35 - 130	08/20/25 12:10	08/20/25 22:10	1
2-Fluorobiphenyl	85		43 - 130	08/20/25 12:10	08/20/25 22:10	1
2-Fluorophenol (Surr)	66		19 - 120	08/20/25 12:10	08/20/25 22:10	1
2-Fluorobiphenyl	85		43 - 130	08/20/25 12:10	08/20/25 22:10	1
Nitrobenzene-d5 (Surr)	105		37 - 133	08/20/25 12:10	08/20/25 22:10	1
Phenol-d5 (Surr)	44		8 - 124	08/20/25 12:10	08/20/25 22:10	1
p-Terphenyl-d14 (Surr)	88		47 - 130	08/20/25 12:10	08/20/25 22:10	1
Nitrobenzene-d5 (Surr)	105		37 - 133	08/20/25 12:10	08/20/25 22:10	1
p-Terphenyl-d14 (Surr)	88		47 - 130	08/20/25 12:10	08/20/25 22:10	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000555	U	0.000302	0.0000555	mg/L		08/22/25 13:53	08/25/25 19:38	1
PCB-1221	<0.0000555	U	0.000604	0.0000555	mg/L		08/22/25 13:53	08/25/25 19:38	1
PCB-1232	<0.0000555	U	0.000604	0.0000555	mg/L		08/22/25 13:53	08/25/25 19:38	1
PCB-1242	<0.0000555	U	0.000302	0.0000555	mg/L		08/22/25 13:53	08/25/25 19:38	1
PCB-1248	<0.0000555	U	0.000604	0.0000555	mg/L		08/22/25 13:53	08/25/25 19:38	1
PCB-1254	<0.0000730	U	0.000604	0.0000730	mg/L		08/22/25 13:53	08/25/25 19:38	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-28

Date Collected: 08/13/25 08:30
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-3

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.0000730	U	0.000302	0.0000730	mg/L		08/22/25 13:53	08/25/25 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*52 - 134*	*08/22/25 13:53*	*08/25/25 19:38*	*1*
DCB Decachlorobiphenyl (Surr)	*34*		*28 - 94*	*08/22/25 13:53*	*08/25/25 19:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**325**		0.500	0.250	mg/L			08/15/25 01:42	1
Nitrate as N	**0.770**		0.100	0.0391	mg/L			08/15/25 01:42	1
Fluoride	**1.61**		0.500	0.100	mg/L			08/15/25 01:42	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/15/25 01:42	1
Sulfate	**247**		0.500	0.200	mg/L			08/15/25 01:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**132**		10.0	5.08	mg/L		08/18/25 08:50	08/18/25 17:16	50
Iron	**0.425**		0.200	0.0283	mg/L		08/18/25 08:50	08/18/25 17:11	1
Magnesium	**12.0**		0.200	0.0445	mg/L		08/18/25 08:50	08/18/25 17:11	1
Sodium	**176**		0.500	0.152	mg/L		08/18/25 08:50	08/18/25 17:11	1
Sulfur	**78.0**		5.00	1.85	mg/L		08/18/25 08:50	08/18/25 17:16	50
SiO2	**50.9**		1.07	0.370	mg/L		08/18/25 08:50	08/18/25 17:11	1
Potassium	**4.46**		0.500	0.106	mg/L		08/18/25 08:50	08/18/25 17:11	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.790**		0.0200	0.00549	mg/L		08/15/25 12:34	08/15/25 18:27	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/15/25 12:34	08/15/25 18:27	1
Arsenic	**0.00395**	**J**	0.00400	0.000690	mg/L		08/15/25 12:34	08/15/25 18:27	1
Barium	**0.0586**		0.00400	0.00134	mg/L		08/15/25 12:34	08/15/25 18:27	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/15/25 12:34	08/15/25 18:27	1
Boron	**0.300**		0.0100	0.00401	mg/L		08/15/25 12:34	08/15/25 18:27	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/15/25 12:34	08/15/25 18:27	1
Chromium	**0.00489**		0.00400	0.000560	mg/L		08/15/25 12:34	08/15/25 18:27	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/15/25 12:34	08/15/25 18:27	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/15/25 12:34	08/15/25 18:27	1
Lead	**0.000512**	**J**	0.00200	0.000367	mg/L		08/15/25 12:34	08/15/25 18:27	1
Manganese	**0.00850**		0.00200	0.000759	mg/L		08/15/25 12:34	08/15/25 18:27	1
Molybdenum	**0.0128**		0.00200	0.000255	mg/L		08/15/25 12:34	08/15/25 18:27	1
Nickel	**0.00249**		0.00200	0.000528	mg/L		08/15/25 12:34	08/15/25 18:27	1
Selenium	**0.0290**		0.00200	0.000590	mg/L		08/15/25 12:34	08/15/25 18:27	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/15/25 12:34	08/15/25 18:27	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/15/25 12:34	08/15/25 18:27	1
Uranium	**0.00671**		0.00100	0.000211	mg/L		08/15/25 12:34	08/15/25 18:27	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/15/25 12:34	08/15/25 18:27	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:34	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-28

Lab Sample ID: 860-108950-3
Matrix: Water
Date Collected: 08/13/25 08:30
Date Received: 08/14/25 08:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 15:22	1
pH (SW846 9040C)	**7.55**	**HF**			SU			08/19/25 19:23	1
Temperature (SW846 9040C)	**17.1**	**HF**			Degrees C			08/19/25 19:23	1
Corrosivity (SW846 9040C)	**7.55**	**HF**			SU			08/19/25 19:23	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 16:17	1
Total Cations (SM 1030E)	**15.3**				meq/L			08/18/25 17:16	1
Total Anions (SM 1030E)	**18.7**				meq/L			08/18/25 17:16	1
Percent Difference (SM 1030E)	**-9.92**				%			08/18/25 17:16	1
Alkalinity (SM 2320B)	**129**		4.00	4.00	mg/L			08/21/25 11:14	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**129**		4.00	4.00	mg/L			08/21/25 11:14	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/21/25 11:14	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/21/25 11:14	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/21/25 11:14	1
Total Dissolved Solids (SM 2540C)	**1200**		10.0	10.0	mg/L			08/19/25 14:31	1

Client Sample ID: DUP-2

Lab Sample ID: 860-108950-4
Matrix: Water
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 09:37	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 09:37	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 09:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*70 - 130*		*08/21/25 09:37*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/21/25 09:37*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/21/25 06:03	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/21/25 06:03	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/21/25 06:03	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/21/25 06:03	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/21/25 06:03	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/21/25 06:03	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/21/25 06:03	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/21/25 06:03	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/21/25 06:03	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/21/25 06:03	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/21/25 06:03	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/21/25 06:03	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/21/25 06:03	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/21/25 06:03	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/21/25 06:03	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/21/25 06:03	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/21/25 06:03	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/21/25 06:03	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: DUP-2
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 06:03	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/21/25 06:03	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/21/25 06:03	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/21/25 06:03	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/21/25 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/21/25 06:03*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/21/25 06:03*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*08/21/25 06:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/21/25 06:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/20/25 12:10	08/20/25 22:40	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/20/25 12:10	08/20/25 22:40	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/20/25 12:10	08/20/25 22:40	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/20/25 12:10	08/20/25 22:40	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/20/25 12:10	08/20/25 22:40	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/20/25 12:10	08/20/25 22:40	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/20/25 12:10	08/20/25 22:40	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/20/25 12:10	08/20/25 22:40	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/20/25 12:10	08/20/25 22:40	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/20/25 12:10	08/20/25 22:40	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/20/25 12:10	08/20/25 22:40	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/20/25 12:10	08/20/25 22:40	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/20/25 12:10	08/20/25 22:40	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/20/25 12:10	08/20/25 22:40	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/20/25 12:10	08/20/25 22:40	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/20/25 12:10	08/20/25 22:40	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/20/25 12:10	08/20/25 22:40	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/20/25 12:10	08/20/25 22:40	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/20/25 12:10	08/20/25 22:40	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/20/25 12:10	08/20/25 22:40	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/20/25 12:10	08/20/25 22:40	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/20/25 12:10	08/20/25 22:40	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/20/25 12:10	08/20/25 22:40	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/20/25 12:10	08/20/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
2-Fluorobiphenyl	*81*		*43 - 130*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
2-Fluorophenol (Surr)	*63*		*19 - 120*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
2-Fluorobiphenyl	*81*		*43 - 130*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
Nitrobenzene-d5 (Surr)	*100*		*37 - 133*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
Phenol-d5 (Surr)	*48*		*8 - 124*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
p-Terphenyl-d14 (Surr)	*83*		*47 - 130*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
Nitrobenzene-d5 (Surr)	*100*		*37 - 133*	*08/20/25 12:10*	*08/20/25 22:40*	*1*
p-Terphenyl-d14 (Surr)	*83*		*47 - 130*	*08/20/25 12:10*	*08/20/25 22:40*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: DUP-2
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-4
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000564	U	0.000307	0.0000564	mg/L		08/22/25 13:53	08/25/25 19:26	1
PCB-1221	<0.0000564	U	0.000614	0.0000564	mg/L		08/22/25 13:53	08/25/25 19:26	1
PCB-1232	<0.0000564	U	0.000614	0.0000564	mg/L		08/22/25 13:53	08/25/25 19:26	1
PCB-1242	<0.0000564	U	0.000307	0.0000564	mg/L		08/22/25 13:53	08/25/25 19:26	1
PCB-1248	<0.0000564	U	0.000614	0.0000564	mg/L		08/22/25 13:53	08/25/25 19:26	1
PCB-1254	<0.0000743	U	0.000614	0.0000743	mg/L		08/22/25 13:53	08/25/25 19:26	1
PCB-1260	<0.0000743	U	0.000307	0.0000743	mg/L		08/22/25 13:53	08/25/25 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*52 - 134*	*08/22/25 13:53*	*08/25/25 19:26*	*1*
DCB Decachlorobiphenyl (Surr)	*47*		*28 - 94*	*08/22/25 13:53*	*08/25/25 19:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**325**		0.500	0.250	mg/L			08/15/25 02:01	1
Nitrate as N	**0.760**		0.100	0.0391	mg/L			08/15/25 02:01	1
Fluoride	**1.60**		0.500	0.100	mg/L			08/15/25 02:01	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/15/25 02:01	1
Sulfate	**246**		0.500	0.200	mg/L			08/15/25 02:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**94.5**		0.200	0.102	mg/L		08/16/25 08:07	08/18/25 12:40	1
Iron	**0.485**		0.200	0.0283	mg/L		08/16/25 08:07	08/18/25 12:40	1
Magnesium	**9.83**		0.200	0.0445	mg/L		08/16/25 08:07	08/18/25 12:40	1
Sodium	**147**		0.500	0.152	mg/L		08/16/25 08:07	08/18/25 12:40	1
Sulfur	**59.0**		0.100	0.0370	mg/L		08/16/25 08:07	08/18/25 12:40	1
SiO2	**43.7**		1.07	0.370	mg/L		08/16/25 08:07	08/18/25 12:40	1
Potassium	**3.38**		0.500	0.106	mg/L		08/16/25 08:07	08/18/25 12:40	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.837**		0.0200	0.00549	mg/L		08/15/25 12:34	08/15/25 18:32	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/15/25 12:34	08/15/25 18:32	1
Arsenic	**0.00375**	**J**	0.00400	0.000690	mg/L		08/15/25 12:34	08/15/25 18:32	1
Barium	**0.0478**		0.00400	0.00134	mg/L		08/15/25 12:34	08/15/25 18:32	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/15/25 12:34	08/15/25 18:32	1
Boron	**0.255**		0.0100	0.00401	mg/L		08/15/25 12:34	08/15/25 18:32	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/15/25 12:34	08/15/25 18:32	1
Chromium	**0.00821**		0.00400	0.000560	mg/L		08/15/25 12:34	08/15/25 18:32	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/15/25 12:34	08/15/25 18:32	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/15/25 12:34	08/15/25 18:32	1
Lead	**0.000616**	**J**	0.00200	0.000367	mg/L		08/15/25 12:34	08/15/25 18:32	1
Manganese	**0.00944**		0.00200	0.000759	mg/L		08/15/25 12:34	08/15/25 18:32	1
Molybdenum	**0.0118**		0.00200	0.000255	mg/L		08/15/25 12:34	08/15/25 18:32	1
Nickel	**0.00362**		0.00200	0.000528	mg/L		08/15/25 12:34	08/15/25 18:32	1
Selenium	**0.0257**		0.00200	0.000590	mg/L		08/15/25 12:34	08/15/25 18:32	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/15/25 12:34	08/15/25 18:32	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/15/25 12:34	08/15/25 18:32	1
Uranium	**0.00583**		0.00100	0.000211	mg/L		08/15/25 12:34	08/15/25 18:32	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: DUP-2
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/15/25 12:34	08/15/25 18:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 15:27	1
pH (SW846 9040C)	**7.55**	**HF**			SU			08/19/25 19:19	1
Temperature (SW846 9040C)	**17.9**	**HF**			Degrees C			08/19/25 19:19	1
Corrosivity (SW846 9040C)	**7.55**	**HF**			SU			08/19/25 19:19	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 16:20	1
Total Cations (SM 1030E)	**12.0**				meq/L			08/18/25 12:40	1
Total Anions (SM 1030E)	**18.4**				meq/L			08/18/25 12:40	1
Percent Difference (SM 1030E)	**-21.1**				%			08/18/25 12:40	1
Alkalinity (SM 2320B)	**128**		4.00	4.00	mg/L			08/20/25 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**128**		4.00	4.00	mg/L			08/20/25 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:04	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:04	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/20/25 15:04	1
Total Dissolved Solids (SM 2540C)	**1010**		10.0	10.0	mg/L			08/19/25 14:31	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-108950-1	MW-12	102	101	102	103
860-108950-2	TMW-2	103	100	104	102
860-108950-3	TMW-28	105	101	104	102
860-108950-4	DUP-2	103	100	105	100
LCS 860-256487/3	Lab Control Sample	98	99	99	100
LCSD 860-256487/4	Lab Control Sample Dup	97	97	99	99
MB 860-256487/10	Method Blank	101	97	103	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TOL (70-130)	BFB (70-130)
860-108950-1	MW-12	98	104
860-108950-2	TMW-2	96	101
860-108950-3	TMW-28	100	99
860-108950-4	DUP-2	99	98
LCS 860-256481/3	Lab Control Sample	101	99
LCSD 860-256481/4	Lab Control Sample Dup	103	98
MB 860-256481/6	Method Blank	102	100

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-108950-1	MW-12	95	69	86	86	44	106	106	89
860-108950-2	TMW-2	86	61	79	79	52	97	97	75
860-108950-3	TMW-28	95	66	85	85	44	105	105	88
860-108950-4	DUP-2	91	63	81	81	48	100	100	83
LCS 860-256448/2-A	Lab Control Sample	101	105	82	82	88	107	107	77
LCS 860-256448/4-A	Lab Control Sample	88	92	82	82	87	106	106	74
LCSD 860-256448/3-A	Lab Control Sample Dup	103	114	87	87	90	111	111	80
LCSD 860-256448/5-A	Lab Control Sample Dup	84	96	75	75	79	95	95	70
MB 860-256448/1-A	Method Blank	90	99	83	83	87	101	101	75

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-108950-1	MW-12	89

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-108950-2	TMW-2	75
860-108950-3	TMW-28	88
860-108950-4	DUP-2	83
LCS 860-256448/2-A	Lab Control Sample	77
LCS 860-256448/4-A	Lab Control Sample	74
LCSD 860-256448/3-A	Lab Control Sample Dup	80
LCSD 860-256448/5-A	Lab Control Sample Dup	70
MB 860-256448/1-A	Method Blank	75

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)
860-108950-1	MW-12	99	32
860-108950-2	TMW-2	85	29
860-108950-3	TMW-28	90	34
860-108950-4	DUP-2	70	47
LCS 860-255130/4-A	Lab Control Sample	97	70
LCS 860-257056/4-A	Lab Control Sample	83	75
LCSD 860-255130/5-A	Lab Control Sample Dup	101	74
LCSD 860-257056/5-A	Lab Control Sample Dup	82	75
MB 860-255130/1-A	Method Blank	102	74
MB 860-257056/1-A	Method Blank	81	74

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-256487/10
Matrix: Water
Analysis Batch: 256487

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.00293	U	0.0250	0.00293	mg/L			08/21/25 03:39	5
1,1,2,2-Tetrachloroethane	<0.00235	U	0.00500	0.00235	mg/L			08/21/25 03:39	5
1,1,2-Trichloroethane	<0.00206	U	0.00500	0.00206	mg/L			08/21/25 03:39	5
1,1-Dichloroethane	<0.00318	U	0.00500	0.00318	mg/L			08/21/25 03:39	5
1,1-Dichloroethene	<0.00369	U	0.00500	0.00369	mg/L			08/21/25 03:39	5
1,2-Dibromoethane	<0.00500	U	0.0250	0.00500	mg/L			08/21/25 03:39	5
1,2-Dichloroethane	<0.00186	U	0.00500	0.00186	mg/L			08/21/25 03:39	5
1,2-Dichloropropane	<0.00278	U	0.0250	0.00278	mg/L			08/21/25 03:39	5
Benzene	<0.00230	U	0.00500	0.00230	mg/L			08/21/25 03:39	5
Carbon tetrachloride	<0.00448	U	0.0100	0.00448	mg/L			08/21/25 03:39	5
Chloroform	<0.00232	U	0.00500	0.00232	mg/L			08/21/25 03:39	5
Ethylbenzene	<0.00193	U	0.00500	0.00193	mg/L			08/21/25 03:39	5
MTBE	<0.00696	U	0.0250	0.00696	mg/L			08/21/25 03:39	5
Methylene Chloride	<0.00863	U	0.0250	0.00863	mg/L			08/21/25 03:39	5
Tetrachloroethene	<0.00328	U	0.00500	0.00328	mg/L			08/21/25 03:39	5
Toluene	<0.00238	U	0.00500	0.00238	mg/L			08/21/25 03:39	5
Trichloroethene	<0.00750	U	0.0250	0.00750	mg/L			08/21/25 03:39	5
Vinyl chloride	<0.00214	U	0.0100	0.00214	mg/L			08/21/25 03:39	5
Xylenes, Total	<0.00620	U	0.0100	0.00620	mg/L			08/21/25 03:39	5
cis-1,2-Dichloroethene	<0.00229	U	0.00500	0.00229	mg/L			08/21/25 03:39	5
trans-1,2-Dichloroethene	<0.00184	U	0.00500	0.00184	mg/L			08/21/25 03:39	5
o-Xylene	<0.00251	U	0.00500	0.00251	mg/L			08/21/25 03:39	5
m,p-Xylenes	<0.00620	U	0.0100	0.00620	mg/L			08/21/25 03:39	5

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*63 - 144*		*08/21/25 03:39*	*5*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*08/21/25 03:39*	*5*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*08/21/25 03:39*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/21/25 03:39*	*5*

Lab Sample ID: LCS 860-256487/3
Matrix: Water
Analysis Batch: 256487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05230		mg/L		105	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04441		mg/L		89	74 - 125
1,1,2-Trichloroethane	0.0500	0.04723		mg/L		94	75 - 130
1,1-Dichloroethane	0.0500	0.05077		mg/L		102	71 - 130
1,1-Dichloroethene	0.0500	0.05030		mg/L		101	50 - 150
1,2-Dibromoethane	0.0500	0.04743		mg/L		95	73 - 125
1,2-Dichloroethane	0.0500	0.04864		mg/L		97	72 - 130
1,2-Dichloropropane	0.0500	0.05019		mg/L		100	74 - 125
Benzene	0.0500	0.05125		mg/L		102	75 - 125
Carbon tetrachloride	0.0500	0.05184		mg/L		104	70 - 125
Chloroform	0.0500	0.05150		mg/L		103	70 - 121
Ethylbenzene	0.0500	0.05287		mg/L		106	75 - 125
MTBE	0.0500	0.04654		mg/L		93	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-256487/3
Matrix: Water
Analysis Batch: 256487

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.04756		mg/L		95	71 - 125		
Tetrachloroethene			0.0500	0.05176		mg/L		104	71 - 125		
Toluene			0.0500	0.05098		mg/L		102	75 - 130		
Trichloroethene			0.0500	0.05345		mg/L		107	75 - 135		
Vinyl chloride			0.0500	0.05039		mg/L		101	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.05023		mg/L		100	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.05073		mg/L		101	75 - 125		
o-Xylene			0.0500	0.05316		mg/L		106	75 - 125		
m,p-Xylenes			0.0500	0.05335		mg/L		107	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 860-256487/4
Matrix: Water
Analysis Batch: 256487

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.05217		mg/L		104	70 - 130	0	25
1,1,2,2-Tetrachloroethane			0.0500	0.04289		mg/L		86	74 - 125	3	25
1,1,2-Trichloroethane			0.0500	0.04752		mg/L		95	75 - 130	1	25
1,1-Dichloroethane			0.0500	0.05178		mg/L		104	71 - 130	2	25
1,1-Dichloroethene			0.0500	0.05137		mg/L		103	50 - 150	2	25
1,2-Dibromoethane			0.0500	0.04898		mg/L		98	73 - 125	3	25
1,2-Dichloroethane			0.0500	0.04860		mg/L		97	72 - 130	0	25
1,2-Dichloropropane			0.0500	0.05035		mg/L		101	74 - 125	0	25
Benzene			0.0500	0.05090		mg/L		102	75 - 125	1	25
Carbon tetrachloride			0.0500	0.05233		mg/L		105	70 - 125	1	25
Chloroform			0.0500	0.05185		mg/L		104	70 - 121	1	25
Ethylbenzene			0.0500	0.05346		mg/L		107	75 - 125	1	25
MTBE			0.0500	0.04757		mg/L		95	65 - 135	2	25
Methylene Chloride			0.0500	0.04855		mg/L		97	71 - 125	2	25
Tetrachloroethene			0.0500	0.05188		mg/L		104	71 - 125	0	25
Toluene			0.0500	0.05107		mg/L		102	75 - 130	0	25
Trichloroethene			0.0500	0.05341		mg/L		107	75 - 135	0	25
Vinyl chloride			0.0500	0.05158		mg/L		103	60 - 140	2	25
cis-1,2-Dichloroethene			0.0500	0.05033		mg/L		101	75 - 125	0	25
trans-1,2-Dichloroethene			0.0500	0.05151		mg/L		103	75 - 125	2	25
o-Xylene			0.0500	0.05355		mg/L		107	75 - 125	1	25
m,p-Xylenes			0.0500	0.05270		mg/L		105	75 - 125	1	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-256487/4
Matrix: Water
Analysis Batch: 256487

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	99		80 - 120

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-256481/6
Matrix: Water
Analysis Batch: 256481

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/21/25 07:13	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/21/25 07:13	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/21/25 07:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		70 - 130		08/21/25 07:13	1
4-Bromofluorobenzene (Surr)	100		70 - 130		08/21/25 07:13	1

Lab Sample ID: LCS 860-256481/3
Matrix: Water
Analysis Batch: 256481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 860-256481/4
Matrix: Water
Analysis Batch: 256481

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-256448/1-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256448

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/20/25 12:10	08/20/25 18:10	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/20/25 12:10	08/20/25 18:10	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/20/25 12:10	08/20/25 18:10	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/20/25 12:10	08/20/25 18:10	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/20/25 12:10	08/20/25 18:10	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/20/25 12:10	08/20/25 18:10	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/20/25 12:10	08/20/25 18:10	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/20/25 12:10	08/20/25 18:10	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-256448/1-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256448

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/20/25 12:10	08/20/25 18:10	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/20/25 12:10	08/20/25 18:10	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/20/25 12:10	08/20/25 18:10	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/20/25 12:10	08/20/25 18:10	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/20/25 12:10	08/20/25 18:10	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/20/25 12:10	08/20/25 18:10	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/20/25 12:10	08/20/25 18:10	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/20/25 12:10	08/20/25 18:10	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/20/25 12:10	08/20/25 18:10	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/20/25 12:10	08/20/25 18:10	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/20/25 12:10	08/20/25 18:10	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/20/25 12:10	08/20/25 18:10	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/20/25 12:10	08/20/25 18:10	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/20/25 12:10	08/20/25 18:10	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/20/25 12:10	08/20/25 18:10	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/20/25 12:10	08/20/25 18:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*	*08/20/25 12:10*	*08/20/25 18:10*	*1*
2-Fluorophenol (Surr)	*99*		*19 - 120*	*08/20/25 12:10*	*08/20/25 18:10*	*1*
2-Fluorobiphenyl	*83*		*43 - 130*	*08/20/25 12:10*	*08/20/25 18:10*	*1*
Phenol-d5 (Surr)	*87*		*8 - 124*	*08/20/25 12:10*	*08/20/25 18:10*	*1*
Nitrobenzene-d5 (Surr)	*101*		*37 - 133*	*08/20/25 12:10*	*08/20/25 18:10*	*1*
p-Terphenyl-d14 (Surr)	*75*		*47 - 130*	*08/20/25 12:10*	*08/20/25 18:10*	*1*

Lab Sample ID: LCS 860-256448/2-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	5.606		ug/L		98	52 - 125
1,2,4-Trichlorobenzene	5.71	5.602		ug/L		98	55 - 120
2-Methylnaphthalene	5.71	5.811		ug/L		102	33 - 149
Acenaphthene	5.71	5.615		ug/L		98	48 - 136
1,2-Dichlorobenzene	5.71	5.162		ug/L		90	65 - 130
Acenaphthylene	5.71	6.416		ug/L		112	40 - 149
Anthracene	5.71	6.182		ug/L		108	51 - 146
Benzo[a]anthracene	5.71	6.046		ug/L		106	43 - 145
Benzo[a]pyrene	5.71	5.616		ug/L		98	52 - 136
1,4-Dichlorobenzene	5.71	5.144		ug/L		90	60 - 150
Benzo[b]fluoranthene	5.71	5.961		ug/L		104	45 - 140
Atrazine	5.71	6.790		ug/L		119	46 - 148
Benzo[g,h,i]perylene	5.71	5.071		ug/L		89	44 - 137
Benzo[k]fluoranthene	5.71	5.929		ug/L		104	37 - 140
Pentachlorophenol	5.71	5.917		ug/L		104	33 - 150
Chrysene	5.71	5.649		ug/L		99	47 - 137
Dibenz(a,h)anthracene	5.71	5.667		ug/L		99	50 - 147
Fluoranthene	5.71	5.743		ug/L		101	50 - 144

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-256448/2-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	5.71	5.983		ug/L		105	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	5.477		ug/L		96	46 - 138
Naphthalene	5.71	5.701		ug/L		100	35 - 141
Phenanthrene	5.71	5.875		ug/L		103	54 - 141
Pyrene	5.71	5.841		ug/L		102	50 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*101*		*35 - 130*
2-Fluorophenol (Surr)	*105*		*19 - 120*
2-Fluorobiphenyl	*82*		*43 - 130*
Phenol-d5 (Surr)	*88*		*8 - 124*
Nitrobenzene-d5 (Surr)	*107*		*37 - 133*
p-Terphenyl-d14 (Surr)	*77*		*47 - 130*

Lab Sample ID: LCS 860-256448/4-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	22.9	15.83		ug/L		69	35 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*35 - 130*
2-Fluorophenol (Surr)	*92*		*19 - 120*
2-Fluorobiphenyl	*82*		*43 - 130*
Phenol-d5 (Surr)	*87*		*8 - 124*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*
p-Terphenyl-d14 (Surr)	*74*		*47 - 130*

Lab Sample ID: LCSD 860-256448/3-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256448

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	5.71	5.630		ug/L		99	52 - 125	0	30
1,2,4-Trichlorobenzene	5.71	5.794		ug/L		101	55 - 120	3	30
2-Methylnaphthalene	5.71	5.873		ug/L		103	33 - 149	1	30
Acenaphthene	5.71	5.866		ug/L		103	48 - 136	4	30
1,2-Dichlorobenzene	5.71	5.390		ug/L		94	65 - 130	4	30
Acenaphthylene	5.71	6.576		ug/L		115	40 - 149	2	30
Anthracene	5.71	6.328		ug/L		111	51 - 146	2	30
Benzo[a]anthracene	5.71	6.166		ug/L		108	43 - 145	2	30
Benzo[a]pyrene	5.71	5.919		ug/L		104	52 - 136	5	30
1,4-Dichlorobenzene	5.71	5.329		ug/L		93	60 - 150	4	30
Benzo[b]fluoranthene	5.71	6.092		ug/L		107	45 - 140	2	30
Atrazine	5.71	6.980		ug/L		122	46 - 148	3	30
Benzo[g,h,i]perylene	5.71	5.411		ug/L		95	44 - 137	6	30
Benzo[k]fluoranthene	5.71	6.009		ug/L		105	37 - 140	1	30

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-256448/3-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256448

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pentachlorophenol			5.71	6.026		ug/L		105	33 - 150	2	30
Chrysene			5.71	5.836		ug/L		102	47 - 137	3	30
Dibenz(a,h)anthracene			5.71	5.951		ug/L		104	50 - 147	5	30
Fluoranthene			5.71	6.127		ug/L		107	50 - 144	6	30
Fluorene			5.71	6.208		ug/L		109	54 - 136	4	30
Indeno[1,2,3-cd]pyrene			5.71	5.796		ug/L		101	46 - 138	6	30
Naphthalene			5.71	5.858		ug/L		103	35 - 141	3	30
Phenanthrene			5.71	6.016		ug/L		105	54 - 141	2	30
Pyrene			5.71	5.896		ug/L		103	50 - 143	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*35 - 130*
2-Fluorophenol (Surr)	*114*		*19 - 120*
2-Fluorobiphenyl	*87*		*43 - 130*
Phenol-d5 (Surr)	*90*		*8 - 124*
Nitrobenzene-d5 (Surr)	*111*		*37 - 133*
p-Terphenyl-d14 (Surr)	*80*		*47 - 130*

Lab Sample ID: LCSD 860-256448/5-A
Matrix: Water
Analysis Batch: 256436

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256448

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	15.97		ug/L		70	35 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*35 - 130*
2-Fluorophenol (Surr)	*96*		*19 - 120*
2-Fluorobiphenyl	*75*		*43 - 130*
Phenol-d5 (Surr)	*79*		*8 - 124*
Nitrobenzene-d5 (Surr)	*95*		*37 - 133*
p-Terphenyl-d14 (Surr)	*70*		*47 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-255130/1-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255130

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1221	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1232	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1242	<0.0000574	U	0.000313	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1248	<0.0000574	U	0.000625	0.0000574	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1254	<0.0000756	U	0.000625	0.0000756	mg/L		08/14/25 11:37	08/16/25 15:24	1
PCB-1260	<0.0000756	U	0.000313	0.0000756	mg/L		08/14/25 11:37	08/16/25 15:24	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 860-255130/1-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255130

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	102		52 - 134	08/14/25 11:37	08/16/25 15:24	1
DCB Decachlorobiphenyl (Surr)	74		28 - 94	08/14/25 11:37	08/16/25 15:24	1

Lab Sample ID: LCS 860-255130/4-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255130

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00616	0.005767		mg/L		94	75 - 135		
PCB-1260			0.00616	0.005066		mg/L		82	65 - 115		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	97		52 - 134
DCB Decachlorobiphenyl (Surr)	70		28 - 94

Lab Sample ID: LCSD 860-255130/5-A
Matrix: Water
Analysis Batch: 255672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255130

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00627	0.005877		mg/L		94	75 - 135	2	20
PCB-1260			0.00627	0.005313		mg/L		85	65 - 115	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	101		52 - 134
DCB Decachlorobiphenyl (Surr)	74		28 - 94

Lab Sample ID: MB 860-257056/1-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000527	U	0.000287	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1221	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1232	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1242	<0.0000527	U	0.000287	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1248	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1254	<0.0000693	U	0.000573	0.0000693	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1260	<0.0000693	U	0.000287	0.0000693	mg/L		08/22/25 13:53	08/25/25 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		52 - 134	08/22/25 13:53	08/25/25 12:00	1
DCB Decachlorobiphenyl (Surr)	74		28 - 94	08/22/25 13:53	08/25/25 12:00	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 860-257056/4-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257056

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00580	0.005821		mg/L		100	75 - 135		
PCB-1260			0.00580	0.005596		mg/L		96	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*75*		*28 - 94*

Lab Sample ID: LCSD 860-257056/5-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257056

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00590	0.005865		mg/L		99	75 - 135	1	20
PCB-1260			0.00590	0.005686		mg/L		96	65 - 115	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*82*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*75*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-255128/3
Matrix: Water
Analysis Batch: 255128

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/14/25 12:25	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/14/25 12:25	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/14/25 12:25	1

Lab Sample ID: LCS 860-255128/4
Matrix: Water
Analysis Batch: 255128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.09		mg/L		101	90 - 110		
Fluoride			10.0	10.49		mg/L		105	90 - 110		
Sulfate			10.0	10.39		mg/L		104	90 - 110		

Lab Sample ID: LCSD 860-255128/5
Matrix: Water
Analysis Batch: 255128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.58		mg/L		106	90 - 110	5	20
Fluoride			10.0	10.49		mg/L		105	90 - 110	0	20
Sulfate			10.0	10.17		mg/L		102	90 - 110	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-255128/7
Matrix: Water
Analysis Batch: 255128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.5586		mg/L		112	50 - 150		
Fluoride			0.500	0.5416		mg/L		108	50 - 150		
Sulfate			0.500	0.6010		mg/L		120	50 - 150		

Lab Sample ID: 860-108950-2 MS
Matrix: Water
Analysis Batch: 255128

Client Sample ID: TMW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	279		10.0	289.1	4	mg/L		104	90 - 110		
Fluoride	1.32	F1	10.0	8.570	F1	mg/L		73	90 - 110		
Sulfate	263		10.0	273.1	4	mg/L		97	90 - 110		

Lab Sample ID: 860-108950-2 MSD
Matrix: Water
Analysis Batch: 255128

Client Sample ID: TMW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	279		10.0	288.6	4	mg/L		100	90 - 110	0	15
Fluoride	1.32	F1	10.0	8.289	F1	mg/L		70	90 - 110	3	15
Sulfate	263		10.0	272.9	4	mg/L		94	90 - 110	0	15

Lab Sample ID: MB 860-255129/3
Matrix: Water
Analysis Batch: 255129

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/14/25 12:25	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/14/25 12:25	1

Lab Sample ID: LCS 860-255129/4
Matrix: Water
Analysis Batch: 255129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			10.0	10.49		mg/L		105	90 - 110		
Nitrite as N			10.0	10.22		mg/L		102	90 - 110		

Lab Sample ID: LCSD 860-255129/5
Matrix: Water
Analysis Batch: 255129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			10.0	10.76		mg/L		108	90 - 110	2	20
Nitrite as N			10.0	10.58		mg/L		106	90 - 110	3	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-255129/6
Matrix: Water
Analysis Batch: 255129

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.1087		mg/L		109	50 - 150		
Nitrite as N			0.100	<0.0699	U	mg/L		51	50 - 150		

Lab Sample ID: 860-108950-2 MS
Matrix: Water
Analysis Batch: 255129

Client Sample ID: TMW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.659		10.0	11.31		mg/L		107	90 - 110
Nitrite as N	<0.0699	U F1	2.50	1.763	F1	mg/L		71	90 - 110

Lab Sample ID: 860-108950-2 MSD
Matrix: Water
Analysis Batch: 255129

Client Sample ID: TMW-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.659		10.0	11.31		mg/L		106	90 - 110	0	15
Nitrite as N	<0.0699	U F1	2.50	1.860	F1	mg/L		74	90 - 110	5	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-255590/1-A
Matrix: Water
Analysis Batch: 255888

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/16/25 08:06	08/18/25 11:33	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/16/25 08:06	08/18/25 11:33	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/16/25 08:06	08/18/25 11:33	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/16/25 08:06	08/18/25 11:33	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/16/25 08:06	08/18/25 11:33	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/16/25 08:06	08/18/25 11:33	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/16/25 08:06	08/18/25 11:33	1

Lab Sample ID: LCS 860-255590/2-A
Matrix: Water
Analysis Batch: 255888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255590

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			25.0	25.90		mg/L		104	80 - 120		
Iron			5.00	5.390		mg/L		108	80 - 120		
Magnesium			25.0	25.60		mg/L		102	80 - 120		
Sodium			25.0	25.20		mg/L		101	80 - 120		
Sulfur			5.00	5.150		mg/L		103	80 - 125		
SiO2			21.4	22.90		mg/L		107	80 - 120		
Potassium			10.0	9.880		mg/L		99	80 - 120		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-255590/3-A
Matrix: Water
Analysis Batch: 255888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255590

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.90		mg/L		104	80 - 120	0	20
Iron	5.00	5.390		mg/L		108	80 - 120	0	20
Magnesium	25.0	25.60		mg/L		102	80 - 120	0	20
Sodium	25.0	25.20		mg/L		101	80 - 120	0	20
Sulfur	5.00	5.140		mg/L		103	80 - 125	0	20
SiO2	21.4	22.90		mg/L		107	80 - 120	0	20
Potassium	10.0	9.900		mg/L		99	80 - 120	0	20

Lab Sample ID: MB 860-255773/1-A
Matrix: Water
Analysis Batch: 256064

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255773

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/18/25 08:50	08/18/25 16:29	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/18/25 08:50	08/18/25 16:29	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/18/25 08:50	08/18/25 16:29	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/18/25 08:50	08/18/25 16:29	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/18/25 08:50	08/18/25 16:29	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/18/25 08:50	08/18/25 16:29	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/18/25 08:50	08/18/25 16:29	1

Lab Sample ID: LCS 860-255773/2-A
Matrix: Water
Analysis Batch: 256064

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.80		mg/L		103	80 - 120
Iron	5.00	5.510		mg/L		110	80 - 120
Magnesium	25.0	24.90		mg/L		100	80 - 120
Sodium	25.0	24.90		mg/L		100	80 - 120
Sulfur	5.00	5.080		mg/L		102	80 - 125
SiO2	21.4	22.68		mg/L		106	80 - 120
Potassium	10.0	10.20		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-255773/3-A
Matrix: Water
Analysis Batch: 256064

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255773

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.80		mg/L		103	80 - 120	0	20
Iron	5.00	5.500		mg/L		110	80 - 120	0	20
Magnesium	25.0	24.90		mg/L		100	80 - 120	0	20
Sodium	25.0	25.00		mg/L		100	80 - 120	0	20
Sulfur	5.00	5.080		mg/L		102	80 - 125	0	20
SiO2	21.4	22.90		mg/L		107	80 - 120	1	20
Potassium	10.0	10.10		mg/L		101	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-254930/1-C
Matrix: Water
Analysis Batch: 255520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/15/25 12:34	08/15/25 17:27	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/15/25 12:34	08/15/25 17:27	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/15/25 12:34	08/15/25 17:27	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/15/25 12:34	08/15/25 17:27	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/15/25 12:34	08/15/25 17:27	1
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/15/25 12:34	08/15/25 17:27	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/15/25 12:34	08/15/25 17:27	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/15/25 12:34	08/15/25 17:27	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/15/25 12:34	08/15/25 17:27	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/15/25 12:34	08/15/25 17:27	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/15/25 12:34	08/15/25 17:27	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/15/25 12:34	08/15/25 17:27	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/15/25 12:34	08/15/25 17:27	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/15/25 12:34	08/15/25 17:27	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/15/25 12:34	08/15/25 17:27	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/15/25 12:34	08/15/25 17:27	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/15/25 12:34	08/15/25 17:27	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/15/25 12:34	08/15/25 17:27	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/15/25 12:34	08/15/25 17:27	1

Lab Sample ID: LCS 860-254930/2-C
Matrix: Water
Analysis Batch: 255520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5033		mg/L		101	80 - 120
Antimony	0.100	0.08628		mg/L		86	80 - 120
Arsenic	0.100	0.1004		mg/L		100	80 - 120
Barium	0.100	0.09879		mg/L		99	80 - 120
Beryllium	0.100	0.1011		mg/L		101	80 - 120
Boron	0.100	0.08980		mg/L		90	80 - 120
Cadmium	0.100	0.1007		mg/L		101	80 - 120
Chromium	0.100	0.1005		mg/L		100	80 - 120
Cobalt	0.100	0.09982		mg/L		100	80 - 120
Copper	0.100	0.09851		mg/L		99	80 - 120
Lead	0.100	0.09976		mg/L		100	80 - 120
Manganese	0.100	0.1013		mg/L		101	80 - 120
Molybdenum	0.100	0.09407		mg/L		94	80 - 120
Nickel	0.100	0.1004		mg/L		100	80 - 120
Selenium	0.100	0.1021		mg/L		102	80 - 120
Silver	0.0500	0.05478		mg/L		110	80 - 120
Thallium	0.100	0.1019		mg/L		102	80 - 120
Uranium	0.0250	0.02532		mg/L		101	80 - 120
Zinc	0.100	0.1002		mg/L		100	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-254930/3-C
Matrix: Water
Analysis Batch: 255520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255437

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.5071		mg/L		101	80 - 120	1	20
Antimony			0.100	0.08834		mg/L		88	80 - 120	2	20
Arsenic			0.100	0.09845		mg/L		98	80 - 120	2	20
Barium			0.100	0.09960		mg/L		100	80 - 120	1	20
Beryllium			0.100	0.1029		mg/L		103	80 - 120	2	20
Boron			0.100	0.09502		mg/L		95	80 - 120	6	20
Cadmium			0.100	0.09969		mg/L		100	80 - 120	1	20
Chromium			0.100	0.09908		mg/L		99	80 - 120	1	20
Cobalt			0.100	0.09851		mg/L		99	80 - 120	1	20
Copper			0.100	0.09750		mg/L		98	80 - 120	1	20
Lead			0.100	0.1006		mg/L		101	80 - 120	1	20
Manganese			0.100	0.1008		mg/L		101	80 - 120	1	20
Molybdenum			0.100	0.09382		mg/L		94	80 - 120	0	20
Nickel			0.100	0.09922		mg/L		99	80 - 120	1	20
Selenium			0.100	0.1023		mg/L		102	80 - 120	0	20
Silver			0.0500	0.05416		mg/L		108	80 - 120	1	20
Thallium			0.100	0.1029		mg/L		103	80 - 120	1	20
Uranium			0.0250	0.02532		mg/L		101	80 - 120	0	20
Zinc			0.100	0.1002		mg/L		100	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-255548/24-B
Matrix: Water
Analysis Batch: 256311

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256037

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/19/25 06:53	08/19/25 21:16	1

Lab Sample ID: LCS 860-255548/25-B
Matrix: Water
Analysis Batch: 256311

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256037

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001909		mg/L		95	80 - 120		

Lab Sample ID: LCSD 860-255548/26-B
Matrix: Water
Analysis Batch: 256311

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256037

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001937		mg/L		97	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-256563/16
Matrix: Water
Analysis Batch: 256563

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/20/25 14:26	1

Lab Sample ID: LCS 860-256563/17
Matrix: Water
Analysis Batch: 256563

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenols, Total			0.100	0.09690		mg/L		97	90 - 110		

Lab Sample ID: LCSD 860-256563/18
Matrix: Water
Analysis Batch: 256563

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total			0.100	0.09250		mg/L		93	90 - 110	5	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-256414/24
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/19/25 14:47	1

Lab Sample ID: LCS 860-256414/25
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.09900		mg/L		99	90 - 110		

Lab Sample ID: LCSD 860-256414/26
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.09927		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-256414/27
Matrix: Water
Analysis Batch: 256414

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.00500	0.002988	J	mg/L		60	50 - 150		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-256513/34
Matrix: Water
Analysis Batch: 256513

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/20/25 14:28	1

Lab Sample ID: LCS 860-256513/35
Matrix: Water
Analysis Batch: 256513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	243.7		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-256513/36
Matrix: Water
Analysis Batch: 256513

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	246.1		mg/L		98	85 - 115	1	20

Lab Sample ID: 860-108950-1 DU
Matrix: Water
Analysis Batch: 256513

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	160		128.1	F3	mg/L		22	20
Bicarbonate Alkalinity as CaCO3	160		128.1	F3	mg/L		22	20
Carbonate Alkalinity as CaCO3	<4.00	U	<4.00	U	mg/L		NC	20
Hydroxide Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20
Phenolphthalein Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20

Lab Sample ID: MB 860-256812/3
Matrix: Water
Analysis Batch: 256812

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/21/25 09:34	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/21/25 09:34	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/21/25 09:34	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/21/25 09:34	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/21/25 09:34	1

Lab Sample ID: LCS 860-256812/4
Matrix: Water
Analysis Batch: 256812

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	242.6		mg/L		97	85 - 115

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 860-256812/5
Matrix: Water
Analysis Batch: 256812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	246.5		mg/L		99	85 - 115	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-256209/1
Matrix: Water
Analysis Batch: 256209

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/19/25 14:30	1

Lab Sample ID: LCS 860-256209/2
Matrix: Water
Analysis Batch: 256209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	932.0		mg/L		93	80 - 120		

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

GC/MS VOA

Analysis Batch: 256481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	8260D SIM	
860-108950-2	TMW-2	Total/NA	Water	8260D SIM	
860-108950-3	TMW-28	Total/NA	Water	8260D SIM	
860-108950-4	DUP-2	Total/NA	Water	8260D SIM	
MB 860-256481/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-256481/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-256481/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 256487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	8260D	
860-108950-2	TMW-2	Total/NA	Water	8260D	
860-108950-3	TMW-28	Total/NA	Water	8260D	
860-108950-4	DUP-2	Total/NA	Water	8260D	
MB 860-256487/10	Method Blank	Total/NA	Water	8260D	
LCS 860-256487/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-256487/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Analysis Batch: 256436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	8270E	256448
860-108950-2	TMW-2	Total/NA	Water	8270E	256448
860-108950-3	TMW-28	Total/NA	Water	8270E	256448
860-108950-4	DUP-2	Total/NA	Water	8270E	256448
MB 860-256448/1-A	Method Blank	Total/NA	Water	8270E	256448
LCS 860-256448/2-A	Lab Control Sample	Total/NA	Water	8270E	256448
LCS 860-256448/4-A	Lab Control Sample	Total/NA	Water	8270E	256448
LCSD 860-256448/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	256448
LCSD 860-256448/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	256448

Prep Batch: 256448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	3511	
860-108950-2	TMW-2	Total/NA	Water	3511	
860-108950-3	TMW-28	Total/NA	Water	3511	
860-108950-4	DUP-2	Total/NA	Water	3511	
MB 860-256448/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-256448/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-256448/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-256448/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-256448/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

GC Semi VOA

Prep Batch: 255130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	3511	
860-108950-2	TMW-2	Total/NA	Water	3511	
MB 860-255130/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-255130/4-A	Lab Control Sample	Total/NA	Water	3511	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108950-1
Project/Site: EBDU 37

GC Semi VOA (Continued)

Prep Batch: 255130 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-255130/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 255672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	8082A	255130
MB 860-255130/1-A	Method Blank	Total/NA	Water	8082A	255130
LCS 860-255130/4-A	Lab Control Sample	Total/NA	Water	8082A	255130
LCSD 860-255130/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	255130

Analysis Batch: 256100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-2	TMW-2	Total/NA	Water	8082A	255130

Prep Batch: 257056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-3	TMW-28	Total/NA	Water	3511	
860-108950-4	DUP-2	Total/NA	Water	3511	
MB 860-257056/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257056/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257056/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-3	TMW-28	Total/NA	Water	8082A	257056
860-108950-4	DUP-2	Total/NA	Water	8082A	257056
MB 860-257056/1-A	Method Blank	Total/NA	Water	8082A	257056
LCS 860-257056/4-A	Lab Control Sample	Total/NA	Water	8082A	257056
LCSD 860-257056/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	257056

HPLC/IC

Analysis Batch: 255128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	300.0	
860-108950-2	TMW-2	Total/NA	Water	300.0	
860-108950-3	TMW-28	Total/NA	Water	300.0	
860-108950-4	DUP-2	Total/NA	Water	300.0	
MB 860-255128/3	Method Blank	Total/NA	Water	300.0	
LCS 860-255128/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-255128/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-255128/7	Lab Control Sample	Total/NA	Water	300.0	
860-108950-2 MS	TMW-2	Total/NA	Water	300.0	
860-108950-2 MSD	TMW-2	Total/NA	Water	300.0	

Analysis Batch: 255129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	300.0	
860-108950-2	TMW-2	Total/NA	Water	300.0	
860-108950-3	TMW-28	Total/NA	Water	300.0	
860-108950-4	DUP-2	Total/NA	Water	300.0	
MB 860-255129/3	Method Blank	Total/NA	Water	300.0	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

HPLC/IC (Continued)

Analysis Batch: 255129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-255129/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-255129/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-255129/6	Lab Control Sample	Total/NA	Water	300.0	
860-108950-2 MS	TMW-2	Total/NA	Water	300.0	
860-108950-2 MSD	TMW-2	Total/NA	Water	300.0	

Metals

Filtration Batch: 254930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-254930/1-C	Method Blank	Total/NA	Water	Filtration	
LCS 860-254930/2-C	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-254930/3-C	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 255437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	3010A	
860-108950-2	TMW-2	Total/NA	Water	3010A	
860-108950-3	TMW-28	Total/NA	Water	3010A	
860-108950-4	DUP-2	Total/NA	Water	3010A	
MB 860-254930/1-C	Method Blank	Total/NA	Water	3010A	254930
LCS 860-254930/2-C	Lab Control Sample	Total/NA	Water	3010A	254930
LCSD 860-254930/3-C	Lab Control Sample Dup	Total/NA	Water	3010A	254930

Analysis Batch: 255520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	6020B	255437
860-108950-2	TMW-2	Total/NA	Water	6020B	255437
860-108950-3	TMW-28	Total/NA	Water	6020B	255437
860-108950-4	DUP-2	Total/NA	Water	6020B	255437
MB 860-254930/1-C	Method Blank	Total/NA	Water	6020B	255437
LCS 860-254930/2-C	Lab Control Sample	Total/NA	Water	6020B	255437
LCSD 860-254930/3-C	Lab Control Sample Dup	Total/NA	Water	6020B	255437

Filtration Batch: 255548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-255548/24-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-255548/25-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-255548/26-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 255590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-2	TMW-2	Total/NA	Water	3010A	
860-108950-4	DUP-2	Total/NA	Water	3010A	
MB 860-255590/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-255590/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-255590/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 255773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	3010A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Metals (Continued)

Prep Batch: 255773 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-3	TMW-28	Total/NA	Water	3010A	
MB 860-255773/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-255773/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-255773/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 255888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-2	TMW-2	Total/NA	Water	6010D	255590
860-108950-4	DUP-2	Total/NA	Water	6010D	255590
MB 860-255590/1-A	Method Blank	Total/NA	Water	6010D	255590
LCS 860-255590/2-A	Lab Control Sample	Total/NA	Water	6010D	255590
LCSD 860-255590/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	255590

Prep Batch: 256037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	7470A	
860-108950-2	TMW-2	Total/NA	Water	7470A	
860-108950-3	TMW-28	Total/NA	Water	7470A	
860-108950-4	DUP-2	Total/NA	Water	7470A	
MB 860-255548/24-B	Method Blank	Total/NA	Water	7470A	255548
LCS 860-255548/25-B	Lab Control Sample	Total/NA	Water	7470A	255548
LCSD 860-255548/26-B	Lab Control Sample Dup	Total/NA	Water	7470A	255548

Analysis Batch: 256064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	6010D	255773
860-108950-1	MW-12	Total/NA	Water	6010D	255773
860-108950-3	TMW-28	Total/NA	Water	6010D	255773
860-108950-3	TMW-28	Total/NA	Water	6010D	255773
MB 860-255773/1-A	Method Blank	Total/NA	Water	6010D	255773
LCS 860-255773/2-A	Lab Control Sample	Total/NA	Water	6010D	255773
LCSD 860-255773/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	255773

Analysis Batch: 256311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	7470A	256037
860-108950-2	TMW-2	Total/NA	Water	7470A	256037
860-108950-3	TMW-28	Total/NA	Water	7470A	256037
860-108950-4	DUP-2	Total/NA	Water	7470A	256037
MB 860-255548/24-B	Method Blank	Total/NA	Water	7470A	256037
LCS 860-255548/25-B	Lab Control Sample	Total/NA	Water	7470A	256037
LCSD 860-255548/26-B	Lab Control Sample Dup	Total/NA	Water	7470A	256037

General Chemistry

Analysis Batch: 255434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	SM 1030E	
860-108950-2	TMW-2	Total/NA	Water	SM 1030E	
860-108950-3	TMW-28	Total/NA	Water	SM 1030E	
860-108950-4	DUP-2	Total/NA	Water	SM 1030E	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

General Chemistry

Analysis Batch: 256209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	SM 2540C	
860-108950-2	TMW-2	Total/NA	Water	SM 2540C	
860-108950-3	TMW-28	Total/NA	Water	SM 2540C	
860-108950-4	DUP-2	Total/NA	Water	SM 2540C	
MB 860-256209/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-256209/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 256414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	Kelada 01	
860-108950-2	TMW-2	Total/NA	Water	Kelada 01	
860-108950-3	TMW-28	Total/NA	Water	Kelada 01	
860-108950-4	DUP-2	Total/NA	Water	Kelada 01	
MB 860-256414/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-256414/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-256414/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-256414/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 256470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	9040C	
860-108950-2	TMW-2	Total/NA	Water	9040C	
860-108950-3	TMW-28	Total/NA	Water	9040C	
860-108950-4	DUP-2	Total/NA	Water	9040C	

Analysis Batch: 256513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	SM 2320B	
860-108950-2	TMW-2	Total/NA	Water	SM 2320B	
860-108950-4	DUP-2	Total/NA	Water	SM 2320B	
MB 860-256513/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-256513/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-256513/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-108950-1 DU	MW-12	Total/NA	Water	SM 2320B	

Analysis Batch: 256563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	420.4	
860-108950-2	TMW-2	Total/NA	Water	420.4	
860-108950-3	TMW-28	Total/NA	Water	420.4	
860-108950-4	DUP-2	Total/NA	Water	420.4	
MB 860-256563/16	Method Blank	Total/NA	Water	420.4	
LCS 860-256563/17	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-256563/18	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 256812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-3	TMW-28	Total/NA	Water	SM 2320B	
MB 860-256812/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-256812/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-256812/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: MW-12

Date Collected: 08/13/25 11:50
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256487	08/21/25 05:02	A1S	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	256481	08/21/25 08:35	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	256448	08/20/25 12:10	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256436	08/20/25 21:10	LPL	EET HOU
Total/NA	Prep	3511			40 mL	5 mL	255130	08/14/25 11:37	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	255672	08/16/25 18:57	WP	EET HOU
Total/NA	Analysis	300.0		1			255128	08/14/25 17:57	AK1	EET HOU
Total/NA	Analysis	300.0		1			255129	08/14/25 17:57	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255773	08/18/25 08:50	MD	EET HOU
Total/NA	Analysis	6010D		1			256064	08/18/25 17:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255773	08/18/25 08:50	MD	EET HOU
Total/NA	Analysis	6010D		50			256064	08/18/25 17:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255437	08/15/25 12:34	MD	EET HOU
Total/NA	Analysis	6020B		1			255520	08/15/25 18:24	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	256037	08/19/25 06:53	AGR	EET HOU
Total/NA	Analysis	7470A		1			256311	08/19/25 21:31	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	256563	08/20/25 15:19	BW	EET HOU
Total/NA	Analysis	9040C		1			256470	08/19/25 19:15	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 16:11	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255434	08/18/25 17:14	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			256513	08/20/25 14:45	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	256209	08/19/25 14:31	AP	EET HOU

Client Sample ID: TMW-2

Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256487	08/21/25 05:22	A1S	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	256481	08/21/25 08:56	NA	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	256448	08/20/25 12:10	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256436	08/20/25 21:40	LPL	EET HOU
Total/NA	Prep	3511			40.6 mL	5 mL	255130	08/14/25 11:37	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	256100	08/19/25 14:30	KM	EET HOU
Total/NA	Analysis	300.0		1			255128	08/15/25 01:04	AK1	EET HOU
Total/NA	Analysis	300.0		1			255129	08/15/25 01:04	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255590	08/16/25 08:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			255888	08/18/25 12:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255437	08/15/25 12:34	MD	EET HOU
Total/NA	Analysis	6020B		1			255520	08/15/25 18:30	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	256037	08/19/25 06:53	AGR	EET HOU
Total/NA	Analysis	7470A		1			256311	08/19/25 21:32	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	256563	08/20/25 15:25	BW	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: TMW-2
Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9040C		1			256470	08/19/25 19:17	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 16:14	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255434	08/18/25 12:39	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			256513	08/20/25 14:58	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	256209	08/19/25 14:31	AP	EET HOU

Client Sample ID: TMW-28
Date Collected: 08/13/25 08:30
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256487	08/21/25 05:43	A1S	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	256481	08/21/25 09:16	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	256448	08/20/25 12:10	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256436	08/20/25 22:10	LPL	EET HOU
Total/NA	Prep	3511			41.4 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 19:38	WP	EET HOU
Total/NA	Analysis	300.0		1			255128	08/15/25 01:42	AK1	EET HOU
Total/NA	Analysis	300.0		1			255129	08/15/25 01:42	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255773	08/18/25 08:50	MD	EET HOU
Total/NA	Analysis	6010D		1			256064	08/18/25 17:11	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255773	08/18/25 08:50	MD	EET HOU
Total/NA	Analysis	6010D		50			256064	08/18/25 17:16	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255437	08/15/25 12:34	MD	EET HOU
Total/NA	Analysis	6020B		1			255520	08/15/25 18:27	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	256037	08/19/25 06:53	AGR	EET HOU
Total/NA	Analysis	7470A		1			256311	08/19/25 21:34	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	256563	08/20/25 15:22	BW	EET HOU
Total/NA	Analysis	9040C		1			256470	08/19/25 19:23	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 16:17	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255434	08/18/25 17:16	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			256812	08/21/25 11:14	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	256209	08/19/25 14:31	AP	EET HOU

Client Sample ID: DUP-2
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	256487	08/21/25 06:03	A1S	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	256481	08/21/25 09:37	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	256448	08/20/25 12:10	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	256436	08/20/25 22:40	LPL	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Client Sample ID: DUP-2
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			40.7 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 19:26	WP	EET HOU
Total/NA	Analysis	300.0		1			255128	08/15/25 02:01	AK1	EET HOU
Total/NA	Analysis	300.0		1			255129	08/15/25 02:01	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255590	08/16/25 08:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			255888	08/18/25 12:40	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	255437	08/15/25 12:34	MD	EET HOU
Total/NA	Analysis	6020B		1			255520	08/15/25 18:32	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	256037	08/19/25 06:53	AGR	EET HOU
Total/NA	Analysis	7470A		1			256311	08/19/25 21:35	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	256563	08/20/25 15:27	BW	EET HOU
Total/NA	Analysis	9040C		1			256470	08/19/25 19:19	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	256414	08/19/25 16:20	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			255434	08/18/25 12:40	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			256513	08/20/25 15:04	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	256209	08/19/25 14:31	AP	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108950-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	08-25-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-108950-1	MW-12	Water	08/13/25 11:50	08/14/25 08:55	Texas
860-108950-2	TMW-2	Water	08/13/25 14:00	08/14/25 08:55	Texas
860-108950-3	TMW-28	Water	08/13/25 08:30	08/14/25 08:55	Texas
860-108950-4	DUP-2	Water	08/13/25 00:00	08/14/25 08:55	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #: A1025P108
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D HNO3, N None, S H2SO4, A HCL, B NaOH
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 - Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
MW-12	8-13-25	1150	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
TMW-2	8-13-25	1400	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
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				Water																	
				Water																	

Temp. 29 IR ID:HOU-368
C/F:-0.2
Corrected Temp: 27

860-108950 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Aaron Adams	8-13-25 1645	Terracon			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Nuecmon	8-14-25 855	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Page 52 of 55
8/28/2025
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25F108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:					X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-28	8-13-25	0830	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
DUP-2	8-13-25		Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Temp: 26 IR ID: HOU-368
C/F: -0.2
Corrected Temp: 24

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 8-13-25 1645	Company: Terracon	Received by:		Date/Time:		Company
Relinquished by:	Date/Time:	Company	Received by: Nuevo		Date/Time: 8-14-25 855		Company
Relinquished by:	Date/Time:	Company	Received by:		Date/Time:		Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Page 53 of 55
8/28/2025
Released to Imaging: 3/12/2026 2:34:23 PM

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-247389.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-108950-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/21/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-12 (860-108950-1)	8/13/25	11:50 Central	G	Water			X	X	X	3	
TMW-2 (860-108950-2)	8/13/25	14:00 Central	G	Water			X	X	X	3	
TMW-28 (860-108950-3)	8/13/25	08:30 Central	G	Water			X	X	X	3	
DUP-2 (860-108950-4)	8/13/25	Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8-14-25 1700	Company	Received by:	Date/Time: 0830 AUG 15 2025	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108950-1

Login Number: 108950 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Houston

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/11/2025 9:36:04 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-108950-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/11/2025 9:36:04 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-108950-2

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-108950-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU 37

Job ID: 860-108950-2

Job ID: 860-108950-2 Eurofins Houston

Job Narrative
860-108950-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/14/2025 8:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.4°C and 2.7°C.

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 732651

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: MW-12 (860-108950-1), TMW-2 (860-108950-2), TMW-28 (860-108950-3), DUP-2 (860-108950-4), (880-61539-B-1-A) and (880-61539-B-1-D DU). Analytical results are reported with the detection limit achieved.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Client Sample ID: MW-12 Lab Sample ID: 860-108950-1

No Detections.

Client Sample ID: TMW-2 Lab Sample ID: 860-108950-2

No Detections.

Client Sample ID: TMW-28 Lab Sample ID: 860-108950-3

No Detections.

Client Sample ID: DUP-2 Lab Sample ID: 860-108950-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Client Sample ID: MW-12

Lab Sample ID: 860-108950-1
Matrix: Water
Date Collected: 08/13/25 11:50
Date Received: 08/14/25 08:55

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	16.0	G	10.1	10.2	3.00	14.5	pCi/L	08/19/25 08:42	08/21/25 21:08	1
Gross Beta	12.8	G	3.66	3.88	4.00	4.45	pCi/L	08/19/25 08:42	08/21/25 21:08	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.541	U	0.446	0.449	1.00	0.684	pCi/L	08/18/25 08:00	09/09/25 17:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.0*		*30 - 110*	*08/18/25 08:00*	*09/09/25 17:31*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.48		0.662	0.675	1.00	0.852	pCi/L	08/18/25 08:08	09/09/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.0*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:45*	*1*
Y Carrier	*76.3*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:45*	*1*

Client Sample ID: TMW-2

Lab Sample ID: 860-108950-2
Matrix: Water
Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	10.9	G	6.18	6.30	3.00	8.28	pCi/L	08/19/25 08:42	08/21/25 21:08	1
Gross Beta	4.72		2.36	2.41	4.00	3.35	pCi/L	08/19/25 08:42	08/21/25 21:08	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.287	U	0.305	0.306	1.00	0.492	pCi/L	08/18/25 08:00	09/09/25 17:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*08/18/25 08:00*	*09/09/25 17:31*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.941		0.453	0.461	1.00	0.617	pCi/L	08/18/25 08:08	09/09/25 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:44*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Client Sample ID: TMW-2

Lab Sample ID: 860-108950-2
Matrix: Water
Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	80.4		30 - 110	08/18/25 08:08	09/09/25 11:44	1

Client Sample ID: TMW-28

Lab Sample ID: 860-108950-3
Matrix: Water
Date Collected: 08/13/25 08:30
Date Received: 08/14/25 08:55

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	5.67	U G	4.84	4.88	3.00	7.35	pCi/L	08/19/25 08:42	08/21/25 21:10	1
Gross Beta	**4.66**		2.00	2.05	4.00	2.70	pCi/L	08/19/25 08:42	08/21/25 21:10	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.276	U	0.279	0.280	1.00	0.433	pCi/L	08/18/25 08:00	09/09/25 17:28	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	77.0		30 - 110	08/18/25 08:00	09/09/25 17:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.66**		0.734	0.749	1.00	0.988	pCi/L	08/18/25 08:08	09/09/25 11:45	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	77.0		30 - 110	08/18/25 08:08	09/09/25 11:45	1
Y Carrier	79.6		30 - 110	08/18/25 08:08	09/09/25 11:45	1

Client Sample ID: DUP-2

Lab Sample ID: 860-108950-4
Matrix: Water
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**14.5**	**G**	6.49	6.70	3.00	8.17	pCi/L	08/19/25 08:42	08/21/25 21:10	1
Gross Beta	**6.19**		2.32	2.40	4.00	3.06	pCi/L	08/19/25 08:42	08/21/25 21:10	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0784	U	0.203	0.203	1.00	0.387	pCi/L	08/18/25 08:00	09/09/25 17:28	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110	08/18/25 08:00	09/09/25 17:28	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Client Sample ID: DUP-2
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-4
Matrix: Water

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.39		0.704	0.716	1.00	0.996	pCi/L	08/18/25 08:08	09/09/25 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.9*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:45*	*1*
Y Carrier	*78.1*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:45*	*1*

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
860-108950-1	MW-12	77.0
860-108950-2	TMW-2	85.8
860-108950-3	TMW-28	77.0
860-108950-4	DUP-2	81.9
LCS 160-732413/2-A	Lab Control Sample	83.9
MB 160-732413/1-A	Method Blank	90.0

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
860-108950-1	MW-12	77.0	76.3
860-108950-2	TMW-2	85.8	80.4
860-108950-3	TMW-28	77.0	79.6
860-108950-4	DUP-2	81.9	78.1
LCS 160-732414/2-A	Lab Control Sample	83.9	80.7
MB 160-732414/1-A	Method Blank	90.0	78.5

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-732651/1-A
Matrix: Water
Analysis Batch: 732927

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732651

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.05037	U	0.561	0.561	3.00	1.06	pCi/L	08/19/25 08:42	08/21/25 21:02	1
Gross Beta	0.2027	U	0.537	0.537	4.00	0.926	pCi/L	08/19/25 08:42	08/21/25 21:02	1

Lab Sample ID: LCS 160-732651/2-A
Matrix: Water
Analysis Batch: 732927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732651

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	49.4	46.76		7.01	3.00	2.02	pCi/L	95	75 - 125

Lab Sample ID: LCSB 160-732651/3-A
Matrix: Water
Analysis Batch: 732927

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732651

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.4	74.48		7.99	4.00	0.919	pCi/L	107	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-732413/1-A
Matrix: Water
Analysis Batch: 735288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732413

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01388	U	0.161	0.161	1.00	0.327	pCi/L	08/18/25 08:00	09/09/25 15:05	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*08/18/25 08:00*	*09/09/25 15:05*	*1*

Lab Sample ID: LCS 160-732413/2-A
Matrix: Water
Analysis Batch: 735288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732413

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.808		1.24	1.00	0.353	pCi/L	92	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.9*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-732414/1-A
Matrix: Water
Analysis Batch: 735313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 732414

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5181	U	0.382	0.385	1.00	0.586	pCi/L	08/18/25 08:08	09/09/25 11:42	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:42*	*1*
Y Carrier	*78.5*		*30 - 110*	*08/18/25 08:08*	*09/09/25 11:42*	*1*

Lab Sample ID: LCS 160-732414/2-A
Matrix: Water
Analysis Batch: 735312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 732414

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.09	11.35		1.51	1.00	0.603	pCi/L	125	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.9*		*30 - 110*
Y Carrier	*80.7*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Rad

Prep Batch: 732413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	PrecSep-21	
860-108950-2	TMW-2	Total/NA	Water	PrecSep-21	
860-108950-3	TMW-28	Total/NA	Water	PrecSep-21	
860-108950-4	DUP-2	Total/NA	Water	PrecSep-21	
MB 160-732413/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-732413/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 732414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	PrecSep_0	
860-108950-2	TMW-2	Total/NA	Water	PrecSep_0	
860-108950-3	TMW-28	Total/NA	Water	PrecSep_0	
860-108950-4	DUP-2	Total/NA	Water	PrecSep_0	
MB 160-732414/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-732414/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 732651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-108950-1	MW-12	Total/NA	Water	Evaporation	
860-108950-2	TMW-2	Total/NA	Water	Evaporation	
860-108950-3	TMW-28	Total/NA	Water	Evaporation	
860-108950-4	DUP-2	Total/NA	Water	Evaporation	
MB 160-732651/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-732651/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-732651/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Client Sample ID: MW-12
Date Collected: 08/13/25 11:50
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			43.02 mL	1.0 g	732651	08/19/25 08:42	OGC	EET SL
Total/NA	Analysis	900.0		1			732927	08/21/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep-21			753.80 mL	1.0 g	732413	08/18/25 08:00	JTR	EET SL
Total/NA	Analysis	903.0		1			735312	09/09/25 17:31	FLC	EET SL
Total/NA	Prep	PrecSep_0			753.80 mL	1.0 g	732414	08/18/25 08:08	JTR	EET SL
Total/NA	Analysis	904.0		1			735314	09/09/25 11:45	FLC	EET SL

Client Sample ID: TMW-2
Date Collected: 08/13/25 14:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			62.02 mL	1.0 g	732651	08/19/25 08:42	OGC	EET SL
Total/NA	Analysis	900.0		1			732927	08/21/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep-21			1001.96 mL	1.0 g	732413	08/18/25 08:00	JTR	EET SL
Total/NA	Analysis	903.0		1			735312	09/09/25 17:31	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.96 mL	1.0 g	732414	08/18/25 08:08	JTR	EET SL
Total/NA	Analysis	904.0		1			735314	09/09/25 11:44	FLC	EET SL

Client Sample ID: TMW-28
Date Collected: 08/13/25 08:30
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			64.02 mL	1.0 g	732651	08/19/25 08:42	OGC	EET SL
Total/NA	Analysis	900.0		1			732927	08/21/25 21:10	SWS	EET SL
Total/NA	Prep	PrecSep-21			749.98 mL	1.0 g	732413	08/18/25 08:00	JTR	EET SL
Total/NA	Analysis	903.0		1			735288	09/09/25 17:28	SWS	EET SL
Total/NA	Prep	PrecSep_0			749.98 mL	1.0 g	732414	08/18/25 08:08	JTR	EET SL
Total/NA	Analysis	904.0		1			735314	09/09/25 11:45	FLC	EET SL

Client Sample ID: DUP-2
Date Collected: 08/13/25 00:00
Date Received: 08/14/25 08:55

Lab Sample ID: 860-108950-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			70.01 mL	1.0 g	732651	08/19/25 08:42	OGC	EET SL
Total/NA	Analysis	900.0		1			732927	08/21/25 21:10	SWS	EET SL
Total/NA	Prep	PrecSep-21			753.50 mL	1.0 g	732413	08/18/25 08:00	JTR	EET SL
Total/NA	Analysis	903.0		1			735288	09/09/25 17:28	SWS	EET SL
Total/NA	Prep	PrecSep_0			753.50 mL	1.0 g	732414	08/18/25 08:08	JTR	EET SL
Total/NA	Analysis	904.0		1			735314	09/09/25 11:45	FLC	EET SL

Laboratory References:
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Houston

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-108950-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-108950-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-108950-1	MW-12	Water	08/13/25 11:50	08/14/25 08:55	Texas
860-108950-2	TMW-2	Water	08/13/25 14:00	08/14/25 08:55	Texas
860-108950-3	TMW-28	Water	08/13/25 08:30	08/14/25 08:55	Texas
860-108950-4	DUP-2	Water	08/13/25 00:00	08/14/25 08:55	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #: A1025P108
Address: 5847 50th St	Due Date Requested:			Preservation Codes: D HNO3, N None, S H2SO4, A HCL, B NaOH
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 - Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
MW-12	8-13-25	1150	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
TMW-2	8-13-25	1400	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Temp. 29 IR ID:HOU-368
C/F:-0.2
Corrected Temp: 27

860-108950 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Aaron Adams	8-13-25 1645	Terracon			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Nuecmon	8-14-25 855	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
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9/11/2025
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Aaron Adams	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: AR25P108
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days): Standard			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone: 806-300-0140	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:					X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-28	8-13-25	0830	Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
DUP-2	8-13-25		Grab	Water			X	X	X	X	X	X	X	X	X	X	X	X	X		
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Temp: 26 IR ID: HOU-368
C/F: -0.2
Corrected Temp: 24

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:				
Relinquished by:	Date/Time: 8-13-25 1645	Company Terracon	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-14-25 855	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Page 19 of 21
9/11/2025
Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108950-2

Login Number: 108950 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-108950-2

Login Number: 108950
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/15/25 12:39 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/31/2025 3:36:02 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109313-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/31/2025 3:36:02 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109313-1

Table of Contents

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-1
Project: EBDU 37

Job ID: 860-109313-1 Eurofins Houston

Job Narrative
860-109313-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/19/2025 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.0°C and 3.7°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-256791 recovered above the upper control limit for Benzo[b]fluoranthene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-256791/2).

Method 8270E_QQQ: The following sample was diluted due to the yellow of the extract: TMW-09 (860-109313-1). Elevated reporting limits (RL) are provided.

Method 8270E_QQQ: Surrogate recovery for the following sample was outside the upper control limit: TMW-09 (860-109313-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8270E_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-257030 and analytical batch 860-256940 recovered outside control limits for the following analytes: Styrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-256940 recovered above the upper control limit for Styrene. The associated sample is:(CCV 860-256940/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-256626 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method Kelada_01: The following samples were analyzed outside of analytical holding time due to request for method occurring after hold expired.: TMW-09 (860-109313-1), TMW-03 (860-109313-2), TMW-10 (860-109313-3), (CCB 860-257165/23), (CCB 860-257165/37), (CCB 860-257165/51), (CCV 860-257165/22), (CCV 860-257165/36), (CCV 860-257165/50), (LCS

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-1
Project: EBDU 37

Job ID: 860-109313-1 (Continued) Eurofins Houston

860-257165/25), (LCSD 860-257165/26), (LLCS 860-257165/27), (MB 860-257165/24), (885-30814-B-2), (885-30814-B-2 MS) and (885-30814-B-2 MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-09 — Lab Sample ID: 860-109313-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	343		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	6.70		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.551		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	64.9		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	474		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	18.8		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	33.5		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	51.8	^2	0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	17.4		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	184		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	11.0		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	36.5		0.100	0.0275	mg/L	5		6020B	Total/NA
Arsenic	0.00920		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.519		0.00400	0.00134	mg/L	1		6020B	Total/NA
Beryllium	0.00210		0.00200	0.000271	mg/L	1		6020B	Total/NA
Boron	0.241		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.0272		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.0103		0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.0134		0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.0122		0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.325		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00115	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.0225		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.00444		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00344		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0710		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.17	HF			SU	1		9040C	Total/NA
Temperature	21.1	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.17	HF			SU	1		9040C	Total/NA
Total Cations	28.9				meq/L	1		SM 1030E	Total/NA
Total Anions	21.2				meq/L	1		SM 1030E	Total/NA
Percent Difference	15.5				%	1		SM 1030E	Total/NA
Alkalinity	174		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	174		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1320		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-03 — Lab Sample ID: 860-109313-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	264		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.695		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.34		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	194		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	165		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	2.00		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	16.6		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	181	^2	0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	74.5		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	86.5		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.20		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	2.99		0.0200	0.00549	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-03 (Continued) — Lab Sample ID: 860-109313-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.00456		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0407		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.281		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00362	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00101	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00108	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00106	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0300		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00613		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00204		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0188		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00183		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00412		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.31	HF			SU	1		9040C	Total/NA
Temperature	20.8	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.31	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00801		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	17.6				meq/L	1		SM 1030E	Total/NA
Total Anions	18.1				meq/L	1		SM 1030E	Total/NA
Percent Difference	-1.53				%	1		SM 1030E	Total/NA
Alkalinity	181		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	181		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	953		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-10 — Lab Sample ID: 860-109313-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	194		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	5.77		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.146	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	56.2		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	139		1.00	0.508	mg/L	5		6010D	Total/NA
Iron	0.738		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	11.9		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	26.7		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	14.4		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	56.3		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.77		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.19		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00269	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0999		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.0751		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00121	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000358	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Manganese	0.00972		0.00200	0.000759	mg/L	1		6020B	Total/NA
Nickel	0.000762	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.00112	J	0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00213		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00311	J	0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.34	HF			SU	1		9040C	Total/NA
Temperature	20.8	HF			Degrees C	1		9040C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-10 (Continued) Lab Sample ID: 860-109313-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity	7.34	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00474	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	9.15				meq/L	1		SM 1030E	Total/NA
Total Anions	12.6				meq/L	1		SM 1030E	Total/NA
Percent Difference	-15.8				%	1		SM 1030E	Total/NA
Alkalinity	182		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	182		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1000		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-09

Date Collected: 08/18/25 10:00
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 08:03	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 08:03	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 08:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/23/25 08:03*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/23/25 08:03*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 04:13	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 04:13	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 04:13	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 04:13	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 04:13	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 04:13	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 04:13	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 04:13	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 04:13	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 04:13	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 04:13	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 04:13	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 04:13	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 04:13	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 04:13	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 04:13	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 04:13	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 04:13	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 04:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 144*		*08/23/25 04:13*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/23/25 04:13*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*08/23/25 04:13*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/23/25 04:13*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/25/25 16:49	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/25/25 16:49	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/25/25 16:49	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/25/25 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*		*08/25/25 16:49*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*08/25/25 16:49*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*08/25/25 16:49*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/25/25 16:49*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-09

Date Collected: 08/18/25 10:00
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-1

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.960	U	5.71	0.960	ug/L		08/22/25 09:53	08/22/25 21:39	10
1,2,4-Trichlorobenzene	<1.21	U	5.71	1.21	ug/L		08/22/25 09:53	08/22/25 21:39	10
2-Methylnaphthalene	<1.09	U	5.71	1.09	ug/L		08/22/25 09:53	08/22/25 21:39	10
Acenaphthene	<1.01	U	5.71	1.01	ug/L		08/22/25 09:53	08/22/25 21:39	10
1,2-Dichlorobenzene	<1.01	U	5.71	1.01	ug/L		08/22/25 09:53	08/22/25 21:39	10
Acenaphthylene	<1.25	U	5.71	1.25	ug/L		08/22/25 09:53	08/22/25 21:39	10
Anthracene	<1.04	U	5.71	1.04	ug/L		08/22/25 09:53	08/22/25 21:39	10
Benzo[a]anthracene	<1.27	U	2.86	1.27	ug/L		08/22/25 09:53	08/22/25 21:39	10
Benzo[a]pyrene	<1.07	U	2.86	1.07	ug/L		08/22/25 09:53	08/22/25 21:39	10
1,4-Dichlorobenzene	<1.10	U	5.71	1.10	ug/L		08/22/25 09:53	08/22/25 21:39	10
Benzo[b]fluoranthene	<1.24	U	5.71	1.24	ug/L		08/22/25 09:53	08/22/25 21:39	10
Atrazine	<1.77	U	5.00	1.77	ug/L		08/22/25 09:53	08/22/25 21:39	10
Benzo[g,h,i]perylene	<0.903	U	5.71	0.903	ug/L		08/22/25 09:53	08/22/25 21:39	10
Benzo[k]fluoranthene	<1.23	U	5.71	1.23	ug/L		08/22/25 09:53	08/22/25 21:39	10
Pentachlorophenol	<3.12	U	5.71	3.12	ug/L		08/22/25 09:53	08/22/25 21:39	10
Chrysene	<0.965	U	5.71	0.965	ug/L		08/22/25 09:53	08/22/25 21:39	10
Styrene	<15.9	U	22.9	15.9	ug/L		08/22/25 09:53	08/22/25 21:39	10
Dibenz(a,h)anthracene	<0.851	U	1.14	0.851	ug/L		08/22/25 09:53	08/22/25 21:39	10
Fluoranthene	<1.20	U	5.71	1.20	ug/L		08/22/25 09:53	08/22/25 21:39	10
Fluorene	<1.13	U	5.71	1.13	ug/L		08/22/25 09:53	08/22/25 21:39	10
Indeno[1,2,3-cd]pyrene	<1.03	U	5.71	1.03	ug/L		08/22/25 09:53	08/22/25 21:39	10
Naphthalene	<1.14	U	5.71	1.14	ug/L		08/22/25 09:53	08/22/25 21:39	10
Phenanthrene	<1.07	U	5.71	1.07	ug/L		08/22/25 09:53	08/22/25 21:39	10
Pyrene	<1.29	U	5.71	1.29	ug/L		08/22/25 09:53	08/22/25 21:39	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*132*	*S1+*	*35 - 130*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
2-Fluorobiphenyl	*140*	*S1+*	*43 - 130*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
2-Fluorobiphenyl	*140*	*S1+*	*43 - 130*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
Nitrobenzene-d5 (Surr)	*147*	*S1+*	*37 - 133*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
Phenol-d5 (Surr)	*40*		*8 - 124*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
p-Terphenyl-d14 (Surr)	*138*	*S1+*	*47 - 130*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
Nitrobenzene-d5 (Surr)	*147*	*S1+*	*37 - 133*	*08/22/25 09:53*	*08/22/25 21:39*	*10*
p-Terphenyl-d14 (Surr)	*138*	*S1+*	*47 - 130*	*08/22/25 09:53*	*08/22/25 21:39*	*10*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000461	U	0.000251	0.0000461	mg/L		08/20/25 17:07	08/21/25 13:55	1
PCB-1221	<0.0000461	U	0.000502	0.0000461	mg/L		08/20/25 17:07	08/21/25 13:55	1
PCB-1232	<0.0000461	U	0.000502	0.0000461	mg/L		08/20/25 17:07	08/21/25 13:55	1
PCB-1242	<0.0000461	U	0.000251	0.0000461	mg/L		08/20/25 17:07	08/21/25 13:55	1
PCB-1248	<0.0000461	U	0.000502	0.0000461	mg/L		08/20/25 17:07	08/21/25 13:55	1
PCB-1254	<0.0000607	U	0.000502	0.0000607	mg/L		08/20/25 17:07	08/21/25 13:55	1
PCB-1260	<0.0000607	U	0.000251	0.0000607	mg/L		08/20/25 17:07	08/21/25 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*52 - 134*	*08/20/25 17:07*	*08/21/25 13:55*	*1*
DCB Decachlorobiphenyl (Surr)	*74*		*28 - 94*	*08/20/25 17:07*	*08/21/25 13:55*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-09

Date Collected: 08/18/25 10:00
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	343		0.500	0.250	mg/L			08/19/25 20:31	1
Nitrate as N	6.70		0.100	0.0391	mg/L			08/19/25 20:31	1
Fluoride	0.551		0.500	0.100	mg/L			08/19/25 20:31	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/19/25 20:31	1
Sulfate	64.9		0.500	0.200	mg/L			08/19/25 20:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	474		10.0	5.08	mg/L		08/20/25 09:00	08/20/25 16:41	50
Iron	18.8		0.200	0.0283	mg/L		08/20/25 09:00	08/20/25 16:30	1
Magnesium	33.5		0.200	0.0445	mg/L		08/20/25 09:00	08/20/25 16:30	1
Sodium	51.8	^2	0.500	0.152	mg/L		08/20/25 09:00	08/20/25 16:30	1
Sulfur	17.4		0.100	0.0370	mg/L		08/20/25 09:00	08/20/25 16:30	1
SiO2	184		1.07	0.370	mg/L		08/20/25 09:00	08/20/25 16:30	1
Potassium	11.0		0.500	0.106	mg/L		08/20/25 09:00	08/20/25 16:30	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	36.5		0.100	0.0275	mg/L		08/20/25 10:15	08/20/25 23:37	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/20/25 10:15	08/20/25 23:28	1
Arsenic	0.00920		0.00400	0.000690	mg/L		08/20/25 10:15	08/20/25 23:28	1
Barium	0.519		0.00400	0.00134	mg/L		08/20/25 10:15	08/20/25 23:28	1
Beryllium	0.00210		0.00200	0.000271	mg/L		08/20/25 10:15	08/21/25 14:10	1
Boron	0.241		0.0100	0.00401	mg/L		08/20/25 10:15	08/21/25 14:10	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/20/25 10:15	08/20/25 23:28	1
Chromium	0.0272		0.00400	0.000560	mg/L		08/20/25 10:15	08/20/25 23:28	1
Cobalt	0.0103		0.00200	0.000355	mg/L		08/20/25 10:15	08/20/25 23:28	1
Copper	0.0134		0.00400	0.00100	mg/L		08/20/25 10:15	08/20/25 23:28	1
Lead	0.0122		0.00200	0.000367	mg/L		08/20/25 10:15	08/20/25 23:28	1
Manganese	0.325		0.00200	0.000759	mg/L		08/20/25 10:15	08/20/25 23:28	1
Molybdenum	0.00115	J	0.00200	0.000255	mg/L		08/20/25 10:15	08/20/25 23:28	1
Nickel	0.0225		0.00200	0.000528	mg/L		08/20/25 10:15	08/20/25 23:28	1
Selenium	0.00444		0.00200	0.000590	mg/L		08/20/25 10:15	08/20/25 23:28	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/20/25 10:15	08/20/25 23:28	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/20/25 10:15	08/20/25 23:28	1
Uranium	0.00344		0.00100	0.000211	mg/L		08/20/25 10:15	08/20/25 23:28	1
Zinc	0.0710		0.00400	0.00274	mg/L		08/20/25 10:15	08/20/25 23:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 17:39	1
pH (SW846 9040C)	7.17	HF			SU			08/20/25 16:32	1
Temperature (SW846 9040C)	21.1	HF			Degrees C			08/20/25 16:32	1
Corrosivity (SW846 9040C)	7.17	HF			SU			08/20/25 16:32	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 13:45	1
Total Cations (SM 1030E)	28.9				meq/L			08/20/25 16:41	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-09

Lab Sample ID: 860-109313-1
Matrix: Water
Date Collected: 08/18/25 10:00
Date Received: 08/19/25 08:53

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Anions (SM 1030E)	**21.2**				meq/L			08/20/25 16:41	1
Percent Difference (SM 1030E)	**15.5**				%			08/20/25 16:41	1
Alkalinity (SM 2320B)	**174**		4.00	4.00	mg/L			08/26/25 13:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**174**		4.00	4.00	mg/L			08/26/25 13:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 13:55	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 13:55	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 13:55	1
Total Dissolved Solids (SM 2540C)	**1320**		10.0	10.0	mg/L			08/22/25 13:48	1

Client Sample ID: TMW-03

Lab Sample ID: 860-109313-2
Matrix: Water
Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 08:24	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 08:24	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 08:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/23/25 08:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/23/25 08:24*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 04:34	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 04:34	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 04:34	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 04:34	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 04:34	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 04:34	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 04:34	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 04:34	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 04:34	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 04:34	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 04:34	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 04:34	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 04:34	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 04:34	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 04:34	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 04:34	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 04:34	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 04:34	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/23/25 04:34*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/23/25 04:34*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/23/25 04:34*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-03
Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	103		80 - 120		08/23/25 04:34	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/25/25 17:09	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/25/25 17:09	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/25/25 17:09	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/25/25 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		63 - 144		08/25/25 17:09	1
4-Bromofluorobenzene (Surr)	97		74 - 124		08/25/25 17:09	1
Dibromofluoromethane (Surr)	104		75 - 131		08/25/25 17:09	1
Toluene-d8 (Surr)	104		80 - 120		08/25/25 17:09	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/22/25 12:25	08/23/25 04:09	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/22/25 12:25	08/23/25 04:09	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/22/25 12:25	08/23/25 04:09	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 04:09	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 04:09	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/22/25 12:25	08/23/25 04:09	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/22/25 12:25	08/23/25 04:09	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/23/25 04:09	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/23/25 04:09	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/22/25 12:25	08/23/25 04:09	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/22/25 12:25	08/23/25 04:09	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/22/25 12:25	08/23/25 04:09	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/22/25 12:25	08/23/25 04:09	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/22/25 12:25	08/23/25 04:09	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/22/25 12:25	08/23/25 04:09	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/22/25 12:25	08/23/25 04:09	1
Styrene	<1.59	U *+	2.29	1.59	ug/L		08/22/25 12:25	08/23/25 04:09	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/22/25 12:25	08/23/25 04:09	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/22/25 12:25	08/23/25 04:09	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/22/25 12:25	08/23/25 04:09	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/22/25 12:25	08/23/25 04:09	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/22/25 12:25	08/23/25 04:09	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/22/25 12:25	08/23/25 04:09	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/22/25 12:25	08/23/25 04:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	59		35 - 130	08/22/25 12:25	08/23/25 04:09	1
2-Fluorobiphenyl	64		43 - 130	08/22/25 12:25	08/23/25 04:09	1
2-Fluorophenol (Surr)	23		19 - 120	08/22/25 12:25	08/23/25 04:09	1
2-Fluorobiphenyl	64		43 - 130	08/22/25 12:25	08/23/25 04:09	1
Nitrobenzene-d5 (Surr)	63		37 - 133	08/22/25 12:25	08/23/25 04:09	1
Phenol-d5 (Surr)	13		8 - 124	08/22/25 12:25	08/23/25 04:09	1
p-Terphenyl-d14 (Surr)	60		47 - 130	08/22/25 12:25	08/23/25 04:09	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-03
Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	*63*		*37 - 133*	*08/22/25 12:25*	*08/23/25 04:09*	*1*
p-Terphenyl-d14 (Surr)	*60*		*47 - 130*	*08/22/25 12:25*	*08/23/25 04:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000460	U	0.000251	0.0000460	mg/L		08/20/25 17:07	08/21/25 14:06	1
PCB-1221	<0.0000460	U	0.000501	0.0000460	mg/L		08/20/25 17:07	08/21/25 14:06	1
PCB-1232	<0.0000460	U	0.000501	0.0000460	mg/L		08/20/25 17:07	08/21/25 14:06	1
PCB-1242	<0.0000460	U	0.000251	0.0000460	mg/L		08/20/25 17:07	08/21/25 14:06	1
PCB-1248	<0.0000460	U	0.000501	0.0000460	mg/L		08/20/25 17:07	08/21/25 14:06	1
PCB-1254	<0.0000606	U	0.000501	0.0000606	mg/L		08/20/25 17:07	08/21/25 14:06	1
PCB-1260	<0.0000606	U	0.000251	0.0000606	mg/L		08/20/25 17:07	08/21/25 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*92*		*52 - 134*	*08/20/25 17:07*	*08/21/25 14:06*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*28 - 94*	*08/20/25 17:07*	*08/21/25 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**264**		0.500	0.250	mg/L			08/19/25 20:44	1
Nitrate as N	**0.695**		0.100	0.0391	mg/L			08/19/25 20:44	1
Fluoride	**1.34**		0.500	0.100	mg/L			08/19/25 20:44	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/19/25 20:44	1
Sulfate	**194**		0.500	0.200	mg/L			08/19/25 20:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**165**		10.0	5.08	mg/L		08/20/25 09:00	08/20/25 16:40	50
Iron	**2.00**		0.200	0.0283	mg/L		08/20/25 09:00	08/20/25 16:28	1
Magnesium	**16.6**		0.200	0.0445	mg/L		08/20/25 09:00	08/20/25 16:28	1
Sodium	**181**	**^2**	0.500	0.152	mg/L		08/20/25 09:00	08/20/25 16:28	1
Sulfur	**74.5**		5.00	1.85	mg/L		08/20/25 09:00	08/20/25 16:40	50
SiO2	**86.5**		1.07	0.370	mg/L		08/20/25 09:00	08/20/25 16:28	1
Potassium	**3.20**		0.500	0.106	mg/L		08/20/25 09:00	08/20/25 16:28	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.99**		0.0200	0.00549	mg/L		08/20/25 10:15	08/20/25 23:25	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/20/25 10:15	08/20/25 23:25	1
Arsenic	**0.00456**		0.00400	0.000690	mg/L		08/20/25 10:15	08/20/25 23:25	1
Barium	**0.0407**		0.00400	0.00134	mg/L		08/20/25 10:15	08/20/25 23:25	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/20/25 10:15	08/21/25 14:07	1
Boron	**0.281**		0.0100	0.00401	mg/L		08/20/25 10:15	08/21/25 14:07	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/20/25 10:15	08/20/25 23:25	1
Chromium	**0.00362**	**J**	0.00400	0.000560	mg/L		08/20/25 10:15	08/20/25 23:25	1
Cobalt	**0.00101**	**J**	0.00200	0.000355	mg/L		08/20/25 10:15	08/20/25 23:25	1
Copper	**0.00108**	**J**	0.00400	0.00100	mg/L		08/20/25 10:15	08/20/25 23:25	1
Lead	**0.00106**	**J**	0.00200	0.000367	mg/L		08/20/25 10:15	08/20/25 23:25	1
Manganese	**0.0300**		0.00200	0.000759	mg/L		08/20/25 10:15	08/20/25 23:25	1
Molybdenum	**0.00613**		0.00200	0.000255	mg/L		08/20/25 10:15	08/20/25 23:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-03

Lab Sample ID: 860-109313-2
Matrix: Water
Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**0.00204**		0.00200	0.000528	mg/L		08/20/25 10:15	08/20/25 23:25	1
Selenium	**0.0188**		0.00200	0.000590	mg/L		08/20/25 10:15	08/20/25 23:25	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/20/25 10:15	08/20/25 23:25	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/20/25 10:15	08/20/25 23:25	1
Uranium	**0.00183**		0.00100	0.000211	mg/L		08/20/25 10:15	08/20/25 23:25	1
Zinc	**0.00412**		0.00400	0.00274	mg/L		08/20/25 10:15	08/20/25 23:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 17:42	1
pH (SW846 9040C)	**7.31**	**HF**			SU			08/20/25 16:30	1
Temperature (SW846 9040C)	**20.8**	**HF**			Degrees C			08/20/25 16:30	1
Corrosivity (SW846 9040C)	**7.31**	**HF**			SU			08/20/25 16:30	1
Cyanide, Total (EPA Kelada 01)	**0.00801**		0.00500	0.00198	mg/L			08/22/25 13:48	1
Total Cations (SM 1030E)	**17.6**				meq/L			08/20/25 16:40	1
Total Anions (SM 1030E)	**18.1**				meq/L			08/20/25 16:40	1
Percent Difference (SM 1030E)	**-1.53**				%			08/20/25 16:40	1
Alkalinity (SM 2320B)	**181**		4.00	4.00	mg/L			08/26/25 15:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**181**		4.00	4.00	mg/L			08/26/25 15:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 15:22	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 15:22	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 15:22	1
Total Dissolved Solids (SM 2540C)	**953**		10.0	10.0	mg/L			08/22/25 13:48	1

Client Sample ID: TMW-10

Lab Sample ID: 860-109313-3
Matrix: Water
Date Collected: 08/18/25 12:15
Date Received: 08/19/25 08:53

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 08:44	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 08:44	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/23/25 08:44*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/23/25 08:44*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 15:58	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 15:58	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 15:58	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 15:58	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 15:58	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-10

Date Collected: 08/18/25 12:15
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 15:58	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 15:58	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 15:58	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 15:58	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 15:58	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 15:58	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 15:58	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 15:58	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 15:58	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 15:58	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 15:58	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 15:58	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 15:58	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 15:58	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 15:58	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 15:58	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 15:58	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/23/25 15:58*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*08/23/25 15:58*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/23/25 15:58*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/23/25 15:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/22/25 12:25	08/23/25 04:38	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/22/25 12:25	08/23/25 04:38	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/22/25 12:25	08/23/25 04:38	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 04:38	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 04:38	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/22/25 12:25	08/23/25 04:38	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/22/25 12:25	08/23/25 04:38	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/23/25 04:38	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/23/25 04:38	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/22/25 12:25	08/23/25 04:38	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/22/25 12:25	08/23/25 04:38	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/22/25 12:25	08/23/25 04:38	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/22/25 12:25	08/23/25 04:38	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/22/25 12:25	08/23/25 04:38	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/22/25 12:25	08/23/25 04:38	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/22/25 12:25	08/23/25 04:38	1
Styrene	<1.59	U *+	2.29	1.59	ug/L		08/22/25 12:25	08/23/25 04:38	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/22/25 12:25	08/23/25 04:38	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/22/25 12:25	08/23/25 04:38	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/22/25 12:25	08/23/25 04:38	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/22/25 12:25	08/23/25 04:38	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/22/25 12:25	08/23/25 04:38	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/22/25 12:25	08/23/25 04:38	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-10

Date Collected: 08/18/25 12:15
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-3

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	<0.129	U	0.571	0.129	ug/L		08/22/25 12:25	08/23/25 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*35 - 130*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
2-Fluorobiphenyl	*71*		*43 - 130*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
2-Fluorophenol (Surr)	*36*		*19 - 120*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
2-Fluorobiphenyl	*71*		*43 - 130*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
Nitrobenzene-d5 (Surr)	*72*		*37 - 133*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
Phenol-d5 (Surr)	*24*		*8 - 124*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
p-Terphenyl-d14 (Surr)	*65*		*47 - 130*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
Nitrobenzene-d5 (Surr)	*72*		*37 - 133*	*08/22/25 12:25*	*08/23/25 04:38*	*1*
p-Terphenyl-d14 (Surr)	*65*		*47 - 130*	*08/22/25 12:25*	*08/23/25 04:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000462	U	0.000252	0.0000462	mg/L		08/20/25 17:07	08/21/25 14:17	1
PCB-1221	<0.0000462	U	0.000503	0.0000462	mg/L		08/20/25 17:07	08/21/25 14:17	1
PCB-1232	<0.0000462	U	0.000503	0.0000462	mg/L		08/20/25 17:07	08/21/25 14:17	1
PCB-1242	<0.0000462	U	0.000252	0.0000462	mg/L		08/20/25 17:07	08/21/25 14:17	1
PCB-1248	<0.0000462	U	0.000503	0.0000462	mg/L		08/20/25 17:07	08/21/25 14:17	1
PCB-1254	<0.0000608	U	0.000503	0.0000608	mg/L		08/20/25 17:07	08/21/25 14:17	1
PCB-1260	<0.0000608	U	0.000252	0.0000608	mg/L		08/20/25 17:07	08/21/25 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*52 - 134*	*08/20/25 17:07*	*08/21/25 14:17*	*1*
DCB Decachlorobiphenyl (Surr)	*73*		*28 - 94*	*08/20/25 17:07*	*08/21/25 14:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**194**		0.500	0.250	mg/L			08/19/25 20:57	1
Nitrate as N	**5.77**		0.100	0.0391	mg/L			08/19/25 20:57	1
Fluoride	**0.146**	**J**	0.500	0.100	mg/L			08/19/25 20:57	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/19/25 20:57	1
Sulfate	**56.2**		0.500	0.200	mg/L			08/19/25 20:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**139**		1.00	0.508	mg/L		08/20/25 09:00	08/20/25 16:22	5
Iron	**0.738**		0.200	0.0283	mg/L		08/20/25 09:00	08/20/25 16:15	1
Magnesium	**11.9**		0.200	0.0445	mg/L		08/20/25 09:00	08/20/25 16:15	1
Sodium	**26.7**		0.500	0.152	mg/L		08/20/25 09:00	08/20/25 16:15	1
Sulfur	**14.4**		0.100	0.0370	mg/L		08/20/25 09:00	08/20/25 16:15	1
SiO2	**56.3**		1.07	0.370	mg/L		08/20/25 09:00	08/20/25 16:15	1
Potassium	**3.77**		0.500	0.106	mg/L		08/20/25 09:00	08/20/25 16:15	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.19**		0.0200	0.00549	mg/L		08/20/25 10:15	08/20/25 23:22	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/20/25 10:15	08/20/25 23:22	1
Arsenic	**0.00269**	**J**	0.00400	0.000690	mg/L		08/20/25 10:15	08/20/25 23:22	1
Barium	**0.0999**		0.00400	0.00134	mg/L		08/20/25 10:15	08/20/25 23:22	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-10

Date Collected: 08/18/25 12:15
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-3

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/20/25 10:15	08/21/25 13:58	1
Boron	**0.0751**		0.0100	0.00401	mg/L		08/20/25 10:15	08/21/25 13:58	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/20/25 10:15	08/20/25 23:22	1
Chromium	**0.00121**	**J**	0.00400	0.000560	mg/L		08/20/25 10:15	08/20/25 23:22	1
Cobalt	**0.000358**	**J**	0.00200	0.000355	mg/L		08/20/25 10:15	08/20/25 23:22	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/20/25 10:15	08/20/25 23:22	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/20/25 10:15	08/20/25 23:22	1
Manganese	**0.00972**		0.00200	0.000759	mg/L		08/20/25 10:15	08/20/25 23:22	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/20/25 10:15	08/20/25 23:22	1
Nickel	**0.000762**	**J**	0.00200	0.000528	mg/L		08/20/25 10:15	08/20/25 23:22	1
Selenium	**0.00112**	**J**	0.00200	0.000590	mg/L		08/20/25 10:15	08/20/25 23:22	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/20/25 10:15	08/20/25 23:22	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/20/25 10:15	08/20/25 23:22	1
Uranium	**0.00213**		0.00100	0.000211	mg/L		08/20/25 10:15	08/20/25 23:22	1
Zinc	**0.00311**	**J**	0.00400	0.00274	mg/L		08/20/25 10:15	08/20/25 23:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 17:44	1
pH (SW846 9040C)	**7.34**	**HF**			SU			08/20/25 16:23	1
Temperature (SW846 9040C)	**20.8**	**HF**			Degrees C			08/20/25 16:23	1
Corrosivity (SW846 9040C)	**7.34**	**HF**			SU			08/20/25 16:23	1
Cyanide, Total (EPA Kelada 01)	**0.00474**	**J**	0.00500	0.00198	mg/L			08/22/25 13:51	1
Total Cations (SM 1030E)	**9.15**				meq/L			08/20/25 16:22	1
Total Anions (SM 1030E)	**12.6**				meq/L			08/20/25 16:22	1
Percent Difference (SM 1030E)	**-15.8**				%			08/20/25 16:22	1
Alkalinity (SM 2320B)	**182**		4.00	4.00	mg/L			08/26/25 15:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**182**		4.00	4.00	mg/L			08/26/25 15:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 15:35	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 15:35	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 15:35	1
Total Dissolved Solids (SM 2540C)	**1000**		10.0	10.0	mg/L			08/22/25 13:48	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-109313-1	TMW-09	100	100	101	102
860-109313-1 - RA	TMW-09	110	99	105	99
860-109313-2	TMW-03	103	100	100	103
860-109313-2 - RA	TMW-03	106	97	104	104
860-109313-3	TMW-10	105	98	100	101
LCS 860-257079/3	Lab Control Sample	99	98	97	101
LCS 860-257224/3	Lab Control Sample	97	95	97	98
LCS 860-257360/3	Lab Control Sample	108	97	100	101
LCSD 860-257079/4	Lab Control Sample Dup	98	100	96	98
LCSD 860-257224/4	Lab Control Sample Dup	97	98	95	98
LCSD 860-257360/4	Lab Control Sample Dup	107	97	101	96
MB 860-257079/9	Method Blank	104	96	103	100
MB 860-257224/8	Method Blank	103	101	102	102
MB 860-257360/10	Method Blank	104	95	103	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
860-109313-1	TMW-09	91	100
860-109313-2	TMW-03	97	101
860-109313-3	TMW-10	92	100
LCS 860-257084/3	Lab Control Sample	96	96
LCSD 860-257084/4	Lab Control Sample Dup	91	96
MB 860-257084/6	Method Blank	96	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	2FP	FBP	FBP	PHL	NBZ	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(19-120)	(43-130)	(43-130)	(8-124)	(37-133)	(37-133)	(47-130)
860-109313-1	TMW-09	132 S1+	61	140 S1+	140 S1+	40	147 S1+	147 S1+	138 S1+
860-109313-2	TMW-03	59	23	64	64	13	63	63	60
860-109313-3	TMW-10	73	36	71	71	24	72	72	65
LCS 860-256954/2-A	Lab Control Sample	85	88	84	84	87	75	75	78
LCS 860-256954/4-A	Lab Control Sample	73	77	76	76	78	72	72	67
LCS 860-257030/2-A	Lab Control Sample	89	94	88	88	97	85	85	88
LCS 860-257030/4-A	Lab Control Sample	82	86	83	83	85	83	83	79

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
LCSD 860-256954/3-A	Lab Control Sample Dup	90	85	87	87	88	81	81	77
LCSD 860-256954/5-A	Lab Control Sample Dup	64	74	74	74	78	70	70	66
LCSD 860-257030/3-A	Lab Control Sample Dup	92	87	85	85	88	83	83	85
LCSD 860-257030/5-A	Lab Control Sample Dup	80	86	83	83	88	83	83	80
MB 860-256954/1-A	Method Blank	70	99	87	87	92	82	82	84
MB 860-257030/1-A	Method Blank	87	94	84	84	90	84	84	86

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-109313-1	TMW-09	138 S1+
860-109313-2	TMW-03	60
860-109313-3	TMW-10	65
LCS 860-256954/2-A	Lab Control Sample	78
LCS 860-256954/4-A	Lab Control Sample	67
LCS 860-257030/2-A	Lab Control Sample	88
LCS 860-257030/4-A	Lab Control Sample	79
LCSD 860-256954/3-A	Lab Control Sample Dup	77
LCSD 860-256954/5-A	Lab Control Sample Dup	66
LCSD 860-257030/3-A	Lab Control Sample Dup	85
LCSD 860-257030/5-A	Lab Control Sample Dup	80
MB 860-256954/1-A	Method Blank	84
MB 860-257030/1-A	Method Blank	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)
860-109313-1	TMW-09	86	74
860-109313-2	TMW-03	92	79
860-109313-3	TMW-10	85	73
LCS 860-256545/4-A	Lab Control Sample	89	82
LCSD 860-256545/5-A	Lab Control Sample Dup	86	81
MB 860-256545/1-A	Method Blank	93	87

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-257079/9
Matrix: Water
Analysis Batch: 257079

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/22/25 23:47	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/22/25 23:47	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/22/25 23:47	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/22/25 23:47	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/22/25 23:47	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/22/25 23:47	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/22/25 23:47	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/22/25 23:47	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/22/25 23:47	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/22/25 23:47	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/22/25 23:47	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/22/25 23:47	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/22/25 23:47	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/22/25 23:47	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/22/25 23:47	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/22/25 23:47	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/22/25 23:47	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/22/25 23:47	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/22/25 23:47	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/22/25 23:47	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/22/25 23:47	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/22/25 23:47	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/22/25 23:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/22/25 23:47*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*08/22/25 23:47*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*08/22/25 23:47*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/22/25 23:47*	*1*

Lab Sample ID: LCS 860-257079/3
Matrix: Water
Analysis Batch: 257079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05212		mg/L		104	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04652		mg/L		93	74 - 125
1,1,2-Trichloroethane	0.0500	0.04846		mg/L		97	75 - 130
1,1-Dichloroethane	0.0500	0.04827		mg/L		97	71 - 130
1,1-Dichloroethene	0.0500	0.04827		mg/L		97	50 - 150
1,2-Dibromoethane	0.0500	0.04841		mg/L		97	73 - 125
1,2-Dichloroethane	0.0500	0.04879		mg/L		98	72 - 130
1,2-Dichloropropane	0.0500	0.04989		mg/L		100	74 - 125
Benzene	0.0500	0.05071		mg/L		101	75 - 125
Carbon tetrachloride	0.0500	0.05065		mg/L		101	70 - 125
Chloroform	0.0500	0.05075		mg/L		101	70 - 121
Ethylbenzene	0.0500	0.05422		mg/L		108	75 - 125
MTBE	0.0500	0.04729		mg/L		95	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-257079/3
Matrix: Water
Analysis Batch: 257079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.04609		mg/L		92	71 - 125		
Tetrachloroethene			0.0500	0.05381		mg/L		108	71 - 125		
Toluene			0.0500	0.05200		mg/L		104	75 - 130		
Trichloroethene			0.0500	0.05281		mg/L		106	75 - 135		
Vinyl chloride			0.0500	0.04596		mg/L		92	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.04901		mg/L		98	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.04940		mg/L		99	75 - 125		
o-Xylene			0.0500	0.05450		mg/L		109	75 - 125		
m,p-Xylenes			0.0500	0.05391		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 860-257079/4
Matrix: Water
Analysis Batch: 257079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.04932		mg/L		99	70 - 130	6	25
1,1,2,2-Tetrachloroethane			0.0500	0.04378		mg/L		88	74 - 125	6	25
1,1,2-Trichloroethane			0.0500	0.04536		mg/L		91	75 - 130	7	25
1,1-Dichloroethane			0.0500	0.04622		mg/L		92	71 - 130	4	25
1,1-Dichloroethene			0.0500	0.04564		mg/L		91	50 - 150	6	25
1,2-Dibromoethane			0.0500	0.04506		mg/L		90	73 - 125	7	25
1,2-Dichloroethane			0.0500	0.04756		mg/L		95	72 - 130	3	25
1,2-Dichloropropane			0.0500	0.04738		mg/L		95	74 - 125	5	25
Benzene			0.0500	0.04846		mg/L		97	75 - 125	5	25
Carbon tetrachloride			0.0500	0.04857		mg/L		97	70 - 125	4	25
Chloroform			0.0500	0.04805		mg/L		96	70 - 121	5	25
Ethylbenzene			0.0500	0.05039		mg/L		101	75 - 125	7	25
MTBE			0.0500	0.04546		mg/L		91	65 - 135	4	25
Methylene Chloride			0.0500	0.04349		mg/L		87	71 - 125	6	25
Tetrachloroethene			0.0500	0.05006		mg/L		100	71 - 125	7	25
Toluene			0.0500	0.04813		mg/L		96	75 - 130	8	25
Trichloroethene			0.0500	0.05101		mg/L		102	75 - 135	3	25
Vinyl chloride			0.0500	0.04116		mg/L		82	60 - 140	11	25
cis-1,2-Dichloroethene			0.0500	0.04679		mg/L		94	75 - 125	5	25
trans-1,2-Dichloroethene			0.0500	0.04734		mg/L		95	75 - 125	4	25
o-Xylene			0.0500	0.05049		mg/L		101	75 - 125	8	25
m,p-Xylenes			0.0500	0.05107		mg/L		102	75 - 125	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*96*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-257079/4
Matrix: Water
Analysis Batch: 257079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: MB 860-257224/8
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 14:57	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 14:57	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 14:57	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 14:57	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 14:57	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 14:57	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 14:57	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 14:57	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 14:57	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 14:57	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 14:57	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 14:57	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 14:57	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 14:57	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 14:57	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 14:57	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 14:57	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 14:57	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 14:57	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 14:57	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 14:57	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 14:57	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 14:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		63 - 144		08/23/25 14:57	1
4-Bromofluorobenzene (Surr)	101		74 - 124		08/23/25 14:57	1
Dibromofluoromethane (Surr)	102		75 - 131		08/23/25 14:57	1
Toluene-d8 (Surr)	102		80 - 120		08/23/25 14:57	1

Lab Sample ID: LCS 860-257224/3
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05373		mg/L		107	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04544		mg/L		91	74 - 125
1,1,2-Trichloroethane	0.0500	0.04827		mg/L		97	75 - 130
1,1-Dichloroethane	0.0500	0.04764		mg/L		95	71 - 130
1,1-Dichloroethene	0.0500	0.04664		mg/L		93	50 - 150
1,2-Dibromoethane	0.0500	0.04842		mg/L		97	73 - 125

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-257224/3
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dichloroethane			0.0500	0.04938		mg/L		99	72 - 130		
1,2-Dichloropropane			0.0500	0.04897		mg/L		98	74 - 125		
Benzene			0.0500	0.04978		mg/L		100	75 - 125		
Carbon tetrachloride			0.0500	0.05300		mg/L		106	70 - 125		
Chloroform			0.0500	0.05006		mg/L		100	70 - 121		
Ethylbenzene			0.0500	0.05371		mg/L		107	75 - 125		
MTBE			0.0500	0.04769		mg/L		95	65 - 135		
Methylene Chloride			0.0500	0.04488		mg/L		90	71 - 125		
Tetrachloroethene			0.0500	0.05414		mg/L		108	71 - 125		
Toluene			0.0500	0.05082		mg/L		102	75 - 130		
Trichloroethene			0.0500	0.05196		mg/L		104	75 - 135		
Vinyl chloride			0.0500	0.04529		mg/L		91	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.04866		mg/L		97	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.04818		mg/L		96	75 - 125		
o-Xylene			0.0500	0.05373		mg/L		107	75 - 125		
m,p-Xylenes			0.0500	0.05391		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-257224/4
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.04885		mg/L		98	70 - 130	10	25
1,1,2,2-Tetrachloroethane			0.0500	0.04449		mg/L		89	74 - 125	2	25
1,1,2-Trichloroethane			0.0500	0.04507		mg/L		90	75 - 130	7	25
1,1-Dichloroethane			0.0500	0.04416		mg/L		88	71 - 130	8	25
1,1-Dichloroethene			0.0500	0.04358		mg/L		87	50 - 150	7	25
1,2-Dibromoethane			0.0500	0.04604		mg/L		92	73 - 125	5	25
1,2-Dichloroethane			0.0500	0.04628		mg/L		93	72 - 130	6	25
1,2-Dichloropropane			0.0500	0.04617		mg/L		92	74 - 125	6	25
Benzene			0.0500	0.04720		mg/L		94	75 - 125	5	25
Carbon tetrachloride			0.0500	0.04740		mg/L		95	70 - 125	11	25
Chloroform			0.0500	0.04718		mg/L		94	70 - 121	6	25
Ethylbenzene			0.0500	0.05079		mg/L		102	75 - 125	6	25
MTBE			0.0500	0.04428		mg/L		89	65 - 135	7	25
Methylene Chloride			0.0500	0.04152		mg/L		83	71 - 125	8	25
Tetrachloroethene			0.0500	0.05181		mg/L		104	71 - 125	4	25
Toluene			0.0500	0.04816		mg/L		96	75 - 130	5	25
Trichloroethene			0.0500	0.04819		mg/L		96	75 - 135	8	25
Vinyl chloride			0.0500	0.04200		mg/L		84	60 - 140	8	25
cis-1,2-Dichloroethene			0.0500	0.04562		mg/L		91	75 - 125	6	25
trans-1,2-Dichloroethene			0.0500	0.04468		mg/L		89	75 - 125	8	25

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-257224/4
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.0500	0.05074		mg/L		101	75 - 125	6	25
m,p-Xylenes			0.0500	0.05188		mg/L		104	75 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 860-257360/10
Matrix: Water
Analysis Batch: 257360

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/25/25 11:00	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/25/25 11:00	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/25/25 11:00	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/25/25 11:00	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/25/25 11:00	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/25/25 11:00	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/25/25 11:00	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/25/25 11:00	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/25/25 11:00	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/25/25 11:00	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/25/25 11:00	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/25/25 11:00	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/25/25 11:00	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/25/25 11:00	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/25/25 11:00	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/25/25 11:00	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/25/25 11:00	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/25/25 11:00	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/25/25 11:00	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/25/25 11:00	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/25/25 11:00	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/25/25 11:00	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/25/25 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/25/25 11:00*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*08/25/25 11:00*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*08/25/25 11:00*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/25/25 11:00*	*1*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-257360/3
Matrix: Water
Analysis Batch: 257360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0500	0.05585		mg/L		112	70 - 130		
1,1,2,2-Tetrachloroethane			0.0500	0.05236		mg/L		105	74 - 125		
1,1,2-Trichloroethane			0.0500	0.05019		mg/L		100	75 - 130		
1,1-Dichloroethane			0.0500	0.05029		mg/L		101	71 - 130		
1,1-Dichloroethene			0.0500	0.05413		mg/L		108	50 - 150		
1,2-Dibromoethane			0.0500	0.05476		mg/L		110	73 - 125		
1,2-Dichloroethane			0.0500	0.05403		mg/L		108	72 - 130		
1,2-Dichloropropane			0.0500	0.04631		mg/L		93	74 - 125		
Benzene			0.0500	0.04977		mg/L		100	75 - 125		
Carbon tetrachloride			0.0500	0.05599		mg/L		112	70 - 125		
Chloroform			0.0500	0.05214		mg/L		104	70 - 121		
Ethylbenzene			0.0500	0.05414		mg/L		108	75 - 125		
MTBE			0.0500	0.04837		mg/L		97	65 - 135		
Methylene Chloride			0.0500	0.05215		mg/L		104	71 - 125		
Tetrachloroethene			0.0500	0.05931		mg/L		119	71 - 125		
Toluene			0.0500	0.05343		mg/L		107	75 - 130		
Trichloroethene			0.0500	0.05283		mg/L		106	75 - 135		
Vinyl chloride			0.0500	0.05367		mg/L		107	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.05276		mg/L		106	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.04797		mg/L		96	75 - 125		
o-Xylene			0.0500	0.05428		mg/L		109	75 - 125		
m,p-Xylenes			0.0500	0.05511		mg/L		110	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 860-257360/4
Matrix: Water
Analysis Batch: 257360

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.05421		mg/L		108	70 - 130	3	25
1,1,2,2-Tetrachloroethane			0.0500	0.04970		mg/L		99	74 - 125	5	25
1,1,2-Trichloroethane			0.0500	0.04845		mg/L		97	75 - 130	4	25
1,1-Dichloroethane			0.0500	0.04910		mg/L		98	71 - 130	2	25
1,1-Dichloroethene			0.0500	0.05129		mg/L		103	50 - 150	5	25
1,2-Dibromoethane			0.0500	0.05082		mg/L		102	73 - 125	7	25
1,2-Dichloroethane			0.0500	0.05121		mg/L		102	72 - 130	5	25
1,2-Dichloropropane			0.0500	0.04799		mg/L		96	74 - 125	4	25
Benzene			0.0500	0.04704		mg/L		94	75 - 125	6	25
Carbon tetrachloride			0.0500	0.05082		mg/L		102	70 - 125	10	25
Chloroform			0.0500	0.05313		mg/L		106	70 - 121	2	25
Ethylbenzene			0.0500	0.04871		mg/L		97	75 - 125	11	25
MTBE			0.0500	0.05233		mg/L		105	65 - 135	8	25
Methylene Chloride			0.0500	0.05048		mg/L		101	71 - 125	3	25

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-257360/4
Matrix: Water
Analysis Batch: 257360

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Tetrachloroethene			0.0500	0.05282		mg/L		106	71 - 125	12	25
Toluene			0.0500	0.04829		mg/L		97	75 - 130	10	25
Trichloroethene			0.0500	0.05129		mg/L		103	75 - 135	3	25
Vinyl chloride			0.0500	0.05221		mg/L		104	60 - 140	3	25
cis-1,2-Dichloroethene			0.0500	0.05368		mg/L		107	75 - 125	2	25
trans-1,2-Dichloroethene			0.0500	0.04894		mg/L		98	75 - 125	2	25
o-Xylene			0.0500	0.05023		mg/L		100	75 - 125	8	25
m,p-Xylenes			0.0500	0.04990		mg/L		100	75 - 125	10	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*
Dibromofluoromethane (Surr)	*101*		*75 - 131*
Toluene-d8 (Surr)	*96*		*80 - 120*

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-257084/6
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 07:43	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 07:43	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 07:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/23/25 07:43*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/23/25 07:43*	*1*

Lab Sample ID: LCS 860-257084/3
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 860-257084/4
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*91*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-256954/1-A
Matrix: Water
Analysis Batch: 256791

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/22/25 09:53	08/22/25 11:19	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/22/25 09:53	08/22/25 11:19	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/22/25 09:53	08/22/25 11:19	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/22/25 09:53	08/22/25 11:19	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/22/25 09:53	08/22/25 11:19	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/22/25 09:53	08/22/25 11:19	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/22/25 09:53	08/22/25 11:19	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 09:53	08/22/25 11:19	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 09:53	08/22/25 11:19	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/22/25 09:53	08/22/25 11:19	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/22/25 09:53	08/22/25 11:19	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/22/25 09:53	08/22/25 11:19	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/22/25 09:53	08/22/25 11:19	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/22/25 09:53	08/22/25 11:19	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/22/25 09:53	08/22/25 11:19	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/22/25 09:53	08/22/25 11:19	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/22/25 09:53	08/22/25 11:19	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/22/25 09:53	08/22/25 11:19	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/22/25 09:53	08/22/25 11:19	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/22/25 09:53	08/22/25 11:19	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/22/25 09:53	08/22/25 11:19	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/22/25 09:53	08/22/25 11:19	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/22/25 09:53	08/22/25 11:19	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/22/25 09:53	08/22/25 11:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*35 - 130*	*08/22/25 09:53*	*08/22/25 11:19*	*1*
2-Fluorophenol (Surr)	*99*		*19 - 120*	*08/22/25 09:53*	*08/22/25 11:19*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*08/22/25 09:53*	*08/22/25 11:19*	*1*
Phenol-d5 (Surr)	*92*		*8 - 124*	*08/22/25 09:53*	*08/22/25 11:19*	*1*
Nitrobenzene-d5 (Surr)	*82*		*37 - 133*	*08/22/25 09:53*	*08/22/25 11:19*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 130*	*08/22/25 09:53*	*08/22/25 11:19*	*1*

Lab Sample ID: LCS 860-256954/2-A
Matrix: Water
Analysis Batch: 256791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	5.014		ug/L		88	52 - 125
1,2,4-Trichlorobenzene	5.71	5.704		ug/L		100	55 - 120
2-Methylnaphthalene	5.71	5.093		ug/L		89	33 - 149
Acenaphthene	5.71	5.295		ug/L		93	48 - 136
1,2-Dichlorobenzene	5.71	5.501		ug/L		96	65 - 130
Acenaphthylene	5.71	5.908		ug/L		103	40 - 149
Anthracene	5.71	5.592		ug/L		98	51 - 146
Benzo[a]anthracene	5.71	5.363		ug/L		94	43 - 145
Benzo[a]pyrene	5.71	5.109		ug/L		89	52 - 136
1,4-Dichlorobenzene	5.71	5.521		ug/L		97	60 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-256954/2-A
Matrix: Water
Analysis Batch: 256791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[b]fluoranthene	5.71	5.506		ug/L		96	45 - 140
Atrazine	5.71	5.971		ug/L		104	46 - 148
Benzo[g,h,i]perylene	5.71	4.695		ug/L		82	44 - 137
Benzo[k]fluoranthene	5.71	5.673		ug/L		99	37 - 140
Pentachlorophenol	5.71	4.417		ug/L		77	33 - 150
Chrysene	5.71	5.338		ug/L		93	47 - 137
Dibenz(a,h)anthracene	5.71	5.155		ug/L		90	50 - 147
Fluoranthene	5.71	5.420		ug/L		95	50 - 144
Fluorene	5.71	5.621		ug/L		98	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	4.858		ug/L		85	46 - 138
Naphthalene	5.71	5.487		ug/L		96	35 - 141
Phenanthrene	5.71	5.235		ug/L		92	54 - 141
Pyrene	5.71	5.340		ug/L		93	50 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*35 - 130*
2-Fluorophenol (Surr)	*88*		*19 - 120*
2-Fluorobiphenyl	*84*		*43 - 130*
Phenol-d5 (Surr)	*87*		*8 - 124*
Nitrobenzene-d5 (Surr)	*75*		*37 - 133*
p-Terphenyl-d14 (Surr)	*78*		*47 - 130*

Lab Sample ID: LCS 860-256954/4-A
Matrix: Water
Analysis Batch: 256791

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	22.9	21.71		ug/L		95	35 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*35 - 130*
2-Fluorophenol (Surr)	*77*		*19 - 120*
2-Fluorobiphenyl	*76*		*43 - 130*
Phenol-d5 (Surr)	*78*		*8 - 124*
Nitrobenzene-d5 (Surr)	*72*		*37 - 133*
p-Terphenyl-d14 (Surr)	*67*		*47 - 130*

Lab Sample ID: LCSD 860-256954/3-A
Matrix: Water
Analysis Batch: 256791

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	5.71	5.041		ug/L		88	52 - 125	1	30
1,2,4-Trichlorobenzene	5.71	5.910		ug/L		103	55 - 120	4	30
2-Methylnaphthalene	5.71	5.343		ug/L		94	33 - 149	5	30
Acenaphthene	5.71	5.466		ug/L		96	48 - 136	3	30
1,2-Dichlorobenzene	5.71	5.693		ug/L		100	65 - 130	3	30
Acenaphthylene	5.71	6.083		ug/L		106	40 - 149	3	30

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-256954/3-A
Matrix: Water
Analysis Batch: 256791

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256954

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			5.71	5.639		ug/L		99	51 - 146	1	30
Benzo[a]anthracene			5.71	5.398		ug/L		94	43 - 145	1	30
Benzo[a]pyrene			5.71	5.398		ug/L		94	52 - 136	5	30
1,4-Dichlorobenzene			5.71	5.743		ug/L		101	60 - 150	4	30
Benzo[b]fluoranthene			5.71	5.391		ug/L		94	45 - 140	2	30
Atrazine			5.71	6.076		ug/L		106	46 - 148	2	30
Benzo[g,h,i]perylene			5.71	4.947		ug/L		87	44 - 137	5	30
Benzo[k]fluoranthene			5.71	5.729		ug/L		100	37 - 140	1	30
Pentachlorophenol			5.71	4.891		ug/L		86	33 - 150	10	30
Chrysene			5.71	5.472		ug/L		96	47 - 137	2	30
Dibenz(a,h)anthracene			5.71	5.504		ug/L		96	50 - 147	7	30
Fluoranthene			5.71	5.308		ug/L		93	50 - 144	2	30
Fluorene			5.71	5.783		ug/L		101	54 - 136	3	30
Indeno[1,2,3-cd]pyrene			5.71	5.199		ug/L		91	46 - 138	7	30
Naphthalene			5.71	5.719		ug/L		100	35 - 141	4	30
Phenanthrene			5.71	5.144		ug/L		90	54 - 141	2	30
Pyrene			5.71	5.238		ug/L		92	50 - 143	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*
2-Fluorophenol (Surr)	*85*		*19 - 120*
2-Fluorobiphenyl	*87*		*43 - 130*
Phenol-d5 (Surr)	*88*		*8 - 124*
Nitrobenzene-d5 (Surr)	*81*		*37 - 133*
p-Terphenyl-d14 (Surr)	*77*		*47 - 130*

Lab Sample ID: LCSD 860-256954/5-A
Matrix: Water
Analysis Batch: 256791

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256954

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	21.81		ug/L		95	35 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*64*		*35 - 130*
2-Fluorophenol (Surr)	*74*		*19 - 120*
2-Fluorobiphenyl	*74*		*43 - 130*
Phenol-d5 (Surr)	*78*		*8 - 124*
Nitrobenzene-d5 (Surr)	*70*		*37 - 133*
p-Terphenyl-d14 (Surr)	*66*		*47 - 130*

Lab Sample ID: MB 860-257030/1-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/22/25 12:25	08/22/25 18:02	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/22/25 12:25	08/22/25 18:02	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-257030/1-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/22/25 12:25	08/22/25 18:02	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/22/25 18:02	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/22/25 18:02	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/22/25 12:25	08/22/25 18:02	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/22/25 18:02	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/22/25 12:25	08/22/25 18:02	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/22/25 12:25	08/22/25 18:02	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/22/25 12:25	08/22/25 18:02	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/22/25 12:25	08/22/25 18:02	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/22/25 12:25	08/22/25 18:02	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/22/25 12:25	08/22/25 18:02	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/22/25 12:25	08/22/25 18:02	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/22/25 12:25	08/22/25 18:02	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/22/25 12:25	08/22/25 18:02	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/22/25 12:25	08/22/25 18:02	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/22/25 12:25	08/22/25 18:02	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/22/25 12:25	08/22/25 18:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*35 - 130*	*08/22/25 12:25*	*08/22/25 18:02*	*1*
2-Fluorophenol (Surr)	*94*		*19 - 120*	*08/22/25 12:25*	*08/22/25 18:02*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*08/22/25 12:25*	*08/22/25 18:02*	*1*
Phenol-d5 (Surr)	*90*		*8 - 124*	*08/22/25 12:25*	*08/22/25 18:02*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*08/22/25 12:25*	*08/22/25 18:02*	*1*
p-Terphenyl-d14 (Surr)	*86*		*47 - 130*	*08/22/25 12:25*	*08/22/25 18:02*	*1*

Lab Sample ID: LCS 860-257030/2-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	6.077		ug/L		106	52 - 125
1,2,4-Trichlorobenzene	5.71	5.601		ug/L		98	55 - 120
2-Methylnaphthalene	5.71	5.957		ug/L		104	33 - 149
Acenaphthene	5.71	5.548		ug/L		97	48 - 136
1,2-Dichlorobenzene	5.71	5.633		ug/L		99	65 - 130
Acenaphthylene	5.71	5.780		ug/L		101	40 - 149
Anthracene	5.71	5.321		ug/L		93	51 - 146
Benzo[a]anthracene	5.71	4.906		ug/L		86	43 - 145
Benzo[a]pyrene	5.71	5.803		ug/L		102	52 - 136
1,4-Dichlorobenzene	5.71	5.634		ug/L		99	60 - 150
Benzo[b]fluoranthene	5.71	5.617		ug/L		98	45 - 140
Atrazine	5.71	6.137		ug/L		107	46 - 148

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-257030/2-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	5.71	5.327		ug/L		93	44 - 137
Benzo[k]fluoranthene	5.71	5.640		ug/L		99	37 - 140
Pentachlorophenol	5.71	6.194		ug/L		108	33 - 150
Chrysene	5.71	5.446		ug/L		95	47 - 137
Dibenz(a,h)anthracene	5.71	5.729		ug/L		100	50 - 147
Fluoranthene	5.71	5.402		ug/L		95	50 - 144
Fluorene	5.71	5.731		ug/L		100	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	5.365		ug/L		94	46 - 138
Naphthalene	5.71	5.901		ug/L		103	35 - 141
Phenanthrene	5.71	5.068		ug/L		89	54 - 141
Pyrene	5.71	5.885		ug/L		103	50 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*35 - 130*
2-Fluorophenol (Surr)	*94*		*19 - 120*
2-Fluorobiphenyl	*88*		*43 - 130*
Phenol-d5 (Surr)	*97*		*8 - 124*
Nitrobenzene-d5 (Surr)	*85*		*37 - 133*
p-Terphenyl-d14 (Surr)	*88*		*47 - 130*

Lab Sample ID: LCS 860-257030/4-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	22.9	35.01	*+	ug/L		153	35 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*35 - 130*
2-Fluorophenol (Surr)	*86*		*19 - 120*
2-Fluorobiphenyl	*83*		*43 - 130*
Phenol-d5 (Surr)	*85*		*8 - 124*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*

Lab Sample ID: LCSD 860-257030/3-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257030

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	5.71	5.710		ug/L		100	52 - 125	6	30
1,2,4-Trichlorobenzene	5.71	5.679		ug/L		99	55 - 120	1	30
2-Methylnaphthalene	5.71	5.992		ug/L		105	33 - 149	1	30
Acenaphthene	5.71	5.448		ug/L		95	48 - 136	2	30
1,2-Dichlorobenzene	5.71	5.310		ug/L		93	65 - 130	6	30
Acenaphthylene	5.71	5.620		ug/L		98	40 - 149	3	30
Anthracene	5.71	5.187		ug/L		91	51 - 146	3	30
Benzo[a]anthracene	5.71	4.667		ug/L		82	43 - 145	5	30

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-257030/3-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257030

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene			5.71	5.626		ug/L		98	52 - 136	3	30
1,4-Dichlorobenzene			5.71	5.543		ug/L		97	60 - 150	2	30
Benzo[b]fluoranthene			5.71	5.330		ug/L		93	45 - 140	5	30
Atrazine			5.71	6.093		ug/L		107	46 - 148	1	30
Benzo[g,h,i]perylene			5.71	5.167		ug/L		90	44 - 137	3	30
Benzo[k]fluoranthene			5.71	5.508		ug/L		96	37 - 140	2	30
Pentachlorophenol			5.71	5.857		ug/L		102	33 - 150	6	30
Chrysene			5.71	5.390		ug/L		94	47 - 137	1	30
Dibenz(a,h)anthracene			5.71	5.664		ug/L		99	50 - 147	1	30
Fluoranthene			5.71	5.364		ug/L		94	50 - 144	1	30
Fluorene			5.71	5.465		ug/L		96	54 - 136	5	30
Indeno[1,2,3-cd]pyrene			5.71	5.122		ug/L		90	46 - 138	5	30
Naphthalene			5.71	5.753		ug/L		101	35 - 141	3	30
Phenanthrene			5.71	4.989		ug/L		87	54 - 141	2	30
Pyrene			5.71	5.642		ug/L		99	50 - 143	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*92*		*35 - 130*
2-Fluorophenol (Surr)	*87*		*19 - 120*
2-Fluorobiphenyl	*85*		*43 - 130*
Phenol-d5 (Surr)	*88*		*8 - 124*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*
p-Terphenyl-d14 (Surr)	*85*		*47 - 130*

Lab Sample ID: LCSD 860-257030/5-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257030

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	35.40	*+	ug/L		155	35 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*35 - 130*
2-Fluorophenol (Surr)	*86*		*19 - 120*
2-Fluorobiphenyl	*83*		*43 - 130*
Phenol-d5 (Surr)	*88*		*8 - 124*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*
p-Terphenyl-d14 (Surr)	*80*		*47 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-256545/1-A
Matrix: Water
Analysis Batch: 256644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000459	U	0.000250	0.0000459	mg/L		08/20/25 17:07	08/21/25 08:25	1
PCB-1221	<0.0000459	U	0.000500	0.0000459	mg/L		08/20/25 17:07	08/21/25 08:25	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 860-256545/1-A
Matrix: Water
Analysis Batch: 256644

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.0000459	U	0.000500	0.0000459	mg/L		08/20/25 17:07	08/21/25 08:25	1
PCB-1242	<0.0000459	U	0.000250	0.0000459	mg/L		08/20/25 17:07	08/21/25 08:25	1
PCB-1248	<0.0000459	U	0.000500	0.0000459	mg/L		08/20/25 17:07	08/21/25 08:25	1
PCB-1254	<0.0000605	U	0.000500	0.0000605	mg/L		08/20/25 17:07	08/21/25 08:25	1
PCB-1260	<0.0000605	U	0.000250	0.0000605	mg/L		08/20/25 17:07	08/21/25 08:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*52 - 134*	*08/20/25 17:07*	*08/21/25 08:25*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*28 - 94*	*08/20/25 17:07*	*08/21/25 08:25*	*1*

Lab Sample ID: LCS 860-256545/4-A
Matrix: Water
Analysis Batch: 256644

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256545

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00500	0.005123		mg/L		102	75 - 135		
PCB-1260			0.00500	0.004907		mg/L		98	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*89*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*82*		*28 - 94*

Lab Sample ID: LCSD 860-256545/5-A
Matrix: Water
Analysis Batch: 256644

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00500	0.004977		mg/L		100	75 - 135	3	20
PCB-1260			0.00500	0.004800		mg/L		96	65 - 115	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*86*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*81*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-256137/3
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/19/25 11:49	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/19/25 11:49	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/19/25 11:49	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-256137/50
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/19/25 16:48	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/19/25 16:48	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/19/25 16:48	1

Lab Sample ID: LCS 860-256137/51
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.263		mg/L		93	90 - 110
Fluoride	10.0	9.806		mg/L		98	90 - 110
Sulfate	10.0	9.147		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-256137/52
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.480		mg/L		95	90 - 110	2	20
Fluoride	10.0	10.01		mg/L		100	90 - 110	2	20
Sulfate	10.0	9.359		mg/L		94	90 - 110	2	20

Lab Sample ID: LLCS 860-256137/7
Matrix: Water
Analysis Batch: 256137

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5892		mg/L		118	50 - 150
Fluoride	0.500	0.3897	J	mg/L		78	50 - 150
Sulfate	0.500	0.5552		mg/L		111	50 - 150

Lab Sample ID: MB 860-256138/3
Matrix: Water
Analysis Batch: 256138

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/19/25 11:49	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/19/25 11:49	1

Lab Sample ID: MB 860-256138/50
Matrix: Water
Analysis Batch: 256138

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/19/25 16:48	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/19/25 16:48	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-256138/51
Matrix: Water
Analysis Batch: 256138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.831		mg/L		98	90 - 110
Nitrite as N	10.0	9.683		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-256138/52
Matrix: Water
Analysis Batch: 256138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	9.994		mg/L		100	90 - 110	2	20
Nitrite as N	10.0	9.884		mg/L		99	90 - 110	2	20

Lab Sample ID: LLCS 860-256138/6
Matrix: Water
Analysis Batch: 256138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.09191	J	mg/L		92	50 - 150
Nitrite as N	0.100	<0.0699	U	mg/L		62	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-256376/1-A
Matrix: Water
Analysis Batch: 256626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/20/25 09:00	08/20/25 16:11	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/20/25 09:00	08/20/25 16:11	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/20/25 09:00	08/20/25 16:11	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/20/25 09:00	08/20/25 16:11	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/20/25 09:00	08/20/25 16:11	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/20/25 09:00	08/20/25 16:11	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/20/25 09:00	08/20/25 16:11	1

Lab Sample ID: LCS 860-256376/2-A
Matrix: Water
Analysis Batch: 256626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	26.60		mg/L		106	80 - 120
Iron	5.00	5.220		mg/L		104	80 - 120
Magnesium	25.0	25.80		mg/L		103	80 - 120
Sodium	25.0	25.70		mg/L		103	80 - 120
Sulfur	5.00	5.320		mg/L		106	80 - 125
SiO2	21.4	23.54		mg/L		110	80 - 120
Potassium	10.0	10.50		mg/L		105	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-256376/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256626 — **Prep Batch: 256376**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium			25.0	26.60		mg/L		106	80 - 120	0	20
Iron			5.00	5.220		mg/L		104	80 - 120	0	20
Magnesium			25.0	25.80		mg/L		103	80 - 120	0	20
Sodium			25.0	25.80		mg/L		103	80 - 120	0	20
Sulfur			5.00	5.320		mg/L		106	80 - 125	0	20
SiO2			21.4	23.54		mg/L		110	80 - 120	0	20
Potassium			10.0	10.50		mg/L		105	80 - 120	0	20

Lab Sample ID: 860-109313-3 MS — **Client Sample ID: TMW-10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256626 — **Prep Batch: 256376**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	126		25.0	145.0	4	mg/L		76	75 - 125
Iron	0.738		5.00	5.710		mg/L		99	75 - 125
Magnesium	11.9		25.0	35.70		mg/L		95	75 - 125
Sodium	26.7		25.0	50.40		mg/L		95	75 - 125
Sulfur	14.4		5.00	18.80		mg/L		88	75 - 125
SiO2	56.3		21.4	77.04		mg/L		97	75 - 125
Potassium	3.77		10.0	14.00		mg/L		102	75 - 125

Lab Sample ID: 860-109313-3 MSD — **Client Sample ID: TMW-10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256626 — **Prep Batch: 256376**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	126		25.0	146.0	4	mg/L		80	75 - 125	1	20
Iron	0.738		5.00	5.700		mg/L		99	75 - 125	0	20
Magnesium	11.9		25.0	35.70		mg/L		95	75 - 125	0	20
Sodium	26.7		25.0	50.50		mg/L		95	75 - 125	0	20
Sulfur	14.4		5.00	18.80		mg/L		88	75 - 125	0	20
SiO2	56.3		21.4	77.25		mg/L		98	75 - 125	0	20
Potassium	3.77		10.0	14.00		mg/L		102	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-256412/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256726 — **Prep Batch: 256412**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/20/25 10:15	08/20/25 21:48	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/20/25 10:15	08/20/25 21:48	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/20/25 10:15	08/20/25 21:48	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/20/25 10:15	08/20/25 21:48	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/20/25 10:15	08/20/25 21:48	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/20/25 10:15	08/20/25 21:48	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/20/25 10:15	08/20/25 21:48	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/20/25 10:15	08/20/25 21:48	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-256412/1-A
Matrix: Water
Analysis Batch: 256726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/20/25 10:15	08/20/25 21:48	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/20/25 10:15	08/20/25 21:48	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/20/25 10:15	08/20/25 21:48	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/20/25 10:15	08/20/25 21:48	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/20/25 10:15	08/20/25 21:48	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/20/25 10:15	08/20/25 21:48	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/20/25 10:15	08/20/25 21:48	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/20/25 10:15	08/20/25 21:48	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/20/25 10:15	08/20/25 21:48	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/20/25 10:15	08/20/25 21:48	1

Lab Sample ID: MB 860-256412/1-A
Matrix: Water
Analysis Batch: 256800

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/20/25 10:15	08/21/25 13:32	1

Lab Sample ID: LCS 860-256412/2-A
Matrix: Water
Analysis Batch: 256726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4995		mg/L		100	80 - 120
Antimony	0.100	0.08578		mg/L		86	80 - 120
Arsenic	0.100	0.09858		mg/L		99	80 - 120
Barium	0.100	0.09821		mg/L		98	80 - 120
Beryllium	0.100	0.09604		mg/L		96	80 - 120
Cadmium	0.100	0.09894		mg/L		99	80 - 120
Chromium	0.100	0.09986		mg/L		100	80 - 120
Cobalt	0.100	0.09930		mg/L		99	80 - 120
Copper	0.100	0.09859		mg/L		99	80 - 120
Lead	0.100	0.09822		mg/L		98	80 - 120
Manganese	0.100	0.1008		mg/L		101	80 - 120
Molybdenum	0.100	0.09630		mg/L		96	80 - 120
Nickel	0.100	0.09889		mg/L		99	80 - 120
Selenium	0.100	0.1009		mg/L		101	80 - 120
Silver	0.0500	0.05047		mg/L		101	80 - 120
Thallium	0.100	0.09998		mg/L		100	80 - 120
Uranium	0.0250	0.02470		mg/L		99	80 - 120
Zinc	0.100	0.09876		mg/L		99	80 - 120

Lab Sample ID: LCS 860-256412/2-A
Matrix: Water
Analysis Batch: 256800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09177		mg/L		92	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-256412/3-A
Matrix: Water
Analysis Batch: 256726

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256412

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4936		mg/L		99	80 - 120	1	20
Antimony			0.100	0.08967		mg/L		90	80 - 120	4	20
Arsenic			0.100	0.09854		mg/L		99	80 - 120	0	20
Barium			0.100	0.09938		mg/L		99	80 - 120	1	20
Beryllium			0.100	0.09651		mg/L		97	80 - 120	0	20
Cadmium			0.100	0.09769		mg/L		98	80 - 120	1	20
Chromium			0.100	0.09860		mg/L		99	80 - 120	1	20
Cobalt			0.100	0.09813		mg/L		98	80 - 120	1	20
Copper			0.100	0.09720		mg/L		97	80 - 120	1	20
Lead			0.100	0.09984		mg/L		100	80 - 120	2	20
Manganese			0.100	0.09973		mg/L		100	80 - 120	1	20
Molybdenum			0.100	0.09581		mg/L		96	80 - 120	1	20
Nickel			0.100	0.09791		mg/L		98	80 - 120	1	20
Selenium			0.100	0.1004		mg/L		100	80 - 120	0	20
Silver			0.0500	0.04973		mg/L		99	80 - 120	1	20
Thallium			0.100	0.1033		mg/L		103	80 - 120	3	20
Uranium			0.0250	0.02515		mg/L		101	80 - 120	2	20
Zinc			0.100	0.09895		mg/L		99	80 - 120	0	20

Lab Sample ID: LCSD 860-256412/3-A
Matrix: Water
Analysis Batch: 256800

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256412

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.09609		mg/L		96	80 - 120	5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-256718/10-A
Matrix: Water
Analysis Batch: 256874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 18:08	1

Lab Sample ID: LCS 860-256718/11-A
Matrix: Water
Analysis Batch: 256874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256718

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001932		mg/L		97	80 - 120		

Lab Sample ID: LCSD 860-256718/12-A
Matrix: Water
Analysis Batch: 256874

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256718

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001965		mg/L		98	80 - 120	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-257166/16
Matrix: Water
Analysis Batch: 257166

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 17:02	1

Lab Sample ID: LCS 860-257166/18
Matrix: Water
Analysis Batch: 257166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09300		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-257166/44
Matrix: Water
Analysis Batch: 257166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.09270		mg/L		93	90 - 110	0	20

Method: 9040C - pH

Lab Sample ID: 860-109313-3 DU
Matrix: Water
Analysis Batch: 256577

Client Sample ID: TMW-10
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.34	HF	7.200		SU		2	20
Temperature	20.8	HF	20.80		Degrees C		0	20
Corrosivity	7.34	HF	7.200		SU		2	

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-257165/24
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 12:45	1

Lab Sample ID: LCS 860-257165/25
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.09910		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-257165/26
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.1025		mg/L		102	90 - 110	3	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: LLCS 860-257165/27
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.004780	J	mg/L		96	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-257925/3
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1

Lab Sample ID: MB 860-257925/34
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 14:53	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/26/25 14:53	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/26/25 14:53	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 14:53	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 14:53	1

Lab Sample ID: LCS 860-257925/35
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	249.1		mg/L		100	85 - 115

Lab Sample ID: LCS 860-257925/4
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	248.3		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-257925/36
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	249.0		mg/L		100	85 - 115	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 860-257925/5
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	251.6		mg/L		101	85 - 115	1	20

Lab Sample ID: 860-109313-2 DU
Matrix: Water
Analysis Batch: 257925

Client Sample ID: TMW-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	181			180.6		mg/L				0.5	20
Bicarbonate Alkalinity as CaCO3	181			180.6		mg/L				0.5	20
Carbonate Alkalinity as CaCO3	<4.00	U		<4.00	U	mg/L				NC	20
Hydroxide Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20
Phenolphthalein Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-257052/1
Matrix: Water
Analysis Batch: 257052

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/22/25 13:48	1

Lab Sample ID: LCS 860-257052/2
Matrix: Water
Analysis Batch: 257052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	958.0		mg/L		96	80 - 120		

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

GC/MS VOA

Analysis Batch: 257079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	8260D	
860-109313-2	TMW-03	Total/NA	Water	8260D	
MB 860-257079/9	Method Blank	Total/NA	Water	8260D	
LCS 860-257079/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-257079/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 257084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	8260D SIM	
860-109313-2	TMW-03	Total/NA	Water	8260D SIM	
860-109313-3	TMW-10	Total/NA	Water	8260D SIM	
MB 860-257084/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-257084/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-257084/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 257224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-3	TMW-10	Total/NA	Water	8260D	
MB 860-257224/8	Method Blank	Total/NA	Water	8260D	
LCS 860-257224/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-257224/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 257360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1 - RA	TMW-09	Total/NA	Water	8260D	
860-109313-2 - RA	TMW-03	Total/NA	Water	8260D	
MB 860-257360/10	Method Blank	Total/NA	Water	8260D	
LCS 860-257360/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-257360/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Analysis Batch: 256791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256954/1-A	Method Blank	Total/NA	Water	8270E	256954
LCS 860-256954/2-A	Lab Control Sample	Total/NA	Water	8270E	256954
LCS 860-256954/4-A	Lab Control Sample	Total/NA	Water	8270E	256954
LCSD 860-256954/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	256954
LCSD 860-256954/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	256954

Analysis Batch: 256940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257030/1-A	Method Blank	Total/NA	Water	8270E	257030
LCS 860-257030/2-A	Lab Control Sample	Total/NA	Water	8270E	257030
LCS 860-257030/4-A	Lab Control Sample	Total/NA	Water	8270E	257030
LCSD 860-257030/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	257030
LCSD 860-257030/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	257030

Analysis Batch: 256952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	8270E	256954

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

GC/MS Semi VOA

Prep Batch: 256954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	3511	
MB 860-256954/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-256954/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-256954/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-256954/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-256954/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 257030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-2	TMW-03	Total/NA	Water	3511	
860-109313-3	TMW-10	Total/NA	Water	3511	
MB 860-257030/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257030/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-257030/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257030/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-257030/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-2	TMW-03	Total/NA	Water	8270E	257030
860-109313-3	TMW-10	Total/NA	Water	8270E	257030

GC Semi VOA

Prep Batch: 256545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	3511	
860-109313-2	TMW-03	Total/NA	Water	3511	
860-109313-3	TMW-10	Total/NA	Water	3511	
MB 860-256545/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-256545/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-256545/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 256644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	8082A	256545
860-109313-2	TMW-03	Total/NA	Water	8082A	256545
860-109313-3	TMW-10	Total/NA	Water	8082A	256545
MB 860-256545/1-A	Method Blank	Total/NA	Water	8082A	256545
LCS 860-256545/4-A	Lab Control Sample	Total/NA	Water	8082A	256545
LCSD 860-256545/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	256545

HPLC/IC

Analysis Batch: 256137

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	300.0	
860-109313-2	TMW-03	Total/NA	Water	300.0	
860-109313-3	TMW-10	Total/NA	Water	300.0	
MB 860-256137/3	Method Blank	Total/NA	Water	300.0	
MB 860-256137/50	Method Blank	Total/NA	Water	300.0	
LCS 860-256137/51	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-1
Project/Site: EBDU 37

HPLC/IC (Continued)

Analysis Batch: 256137 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-256137/52	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256137/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 256138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	300.0	
860-109313-2	TMW-03	Total/NA	Water	300.0	
860-109313-3	TMW-10	Total/NA	Water	300.0	
MB 860-256138/3	Method Blank	Total/NA	Water	300.0	
MB 860-256138/50	Method Blank	Total/NA	Water	300.0	
LCS 860-256138/51	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256138/52	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256138/6	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 256376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	3010A	
860-109313-2	TMW-03	Total/NA	Water	3010A	
860-109313-3	TMW-10	Total/NA	Water	3010A	
MB 860-256376/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-256376/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-256376/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-109313-3 MS	TMW-10	Total/NA	Water	3010A	
860-109313-3 MSD	TMW-10	Total/NA	Water	3010A	

Prep Batch: 256412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	3010A	
860-109313-2	TMW-03	Total/NA	Water	3010A	
860-109313-3	TMW-10	Total/NA	Water	3010A	
MB 860-256412/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-256412/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-256412/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 256626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	6010D	256376
860-109313-1	TMW-09	Total/NA	Water	6010D	256376
860-109313-2	TMW-03	Total/NA	Water	6010D	256376
860-109313-2	TMW-03	Total/NA	Water	6010D	256376
860-109313-3	TMW-10	Total/NA	Water	6010D	256376
860-109313-3	TMW-10	Total/NA	Water	6010D	256376
MB 860-256376/1-A	Method Blank	Total/NA	Water	6010D	256376
LCS 860-256376/2-A	Lab Control Sample	Total/NA	Water	6010D	256376
LCSD 860-256376/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	256376
860-109313-3 MS	TMW-10	Total/NA	Water	6010D	256376
860-109313-3 MSD	TMW-10	Total/NA	Water	6010D	256376

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Metals

Prep Batch: 256718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	7470A	
860-109313-2	TMW-03	Total/NA	Water	7470A	
860-109313-3	TMW-10	Total/NA	Water	7470A	
MB 860-256718/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-256718/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-256718/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 256726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	6020B	256412
860-109313-1	TMW-09	Total/NA	Water	6020B	256412
860-109313-2	TMW-03	Total/NA	Water	6020B	256412
860-109313-3	TMW-10	Total/NA	Water	6020B	256412
MB 860-256412/1-A	Method Blank	Total/NA	Water	6020B	256412
LCS 860-256412/2-A	Lab Control Sample	Total/NA	Water	6020B	256412
LCSD 860-256412/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	256412

Analysis Batch: 256800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	6020B	256412
860-109313-2	TMW-03	Total/NA	Water	6020B	256412
860-109313-3	TMW-10	Total/NA	Water	6020B	256412
MB 860-256412/1-A	Method Blank	Total/NA	Water	6020B	256412
LCS 860-256412/2-A	Lab Control Sample	Total/NA	Water	6020B	256412
LCSD 860-256412/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	256412

Analysis Batch: 256874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	7470A	256718
860-109313-2	TMW-03	Total/NA	Water	7470A	256718
860-109313-3	TMW-10	Total/NA	Water	7470A	256718
MB 860-256718/10-A	Method Blank	Total/NA	Water	7470A	256718
LCS 860-256718/11-A	Lab Control Sample	Total/NA	Water	7470A	256718
LCSD 860-256718/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	256718

General Chemistry

Analysis Batch: 256467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	SM 1030E	
860-109313-2	TMW-03	Total/NA	Water	SM 1030E	
860-109313-3	TMW-10	Total/NA	Water	SM 1030E	

Analysis Batch: 256577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	9040C	
860-109313-2	TMW-03	Total/NA	Water	9040C	
860-109313-3	TMW-10	Total/NA	Water	9040C	
860-109313-3 DU	TMW-10	Total/NA	Water	9040C	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

General Chemistry

Analysis Batch: 257052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	SM 2540C	
860-109313-2	TMW-03	Total/NA	Water	SM 2540C	
860-109313-3	TMW-10	Total/NA	Water	SM 2540C	
MB 860-257052/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-257052/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 257165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	Kelada 01	
860-109313-2	TMW-03	Total/NA	Water	Kelada 01	
860-109313-3	TMW-10	Total/NA	Water	Kelada 01	
MB 860-257165/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-257165/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-257165/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-257165/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 257166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	420.4	
860-109313-2	TMW-03	Total/NA	Water	420.4	
860-109313-3	TMW-10	Total/NA	Water	420.4	
MB 860-257166/16	Method Blank	Total/NA	Water	420.4	
LCS 860-257166/18	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-257166/44	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 257925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	SM 2320B	
860-109313-2	TMW-03	Total/NA	Water	SM 2320B	
860-109313-3	TMW-10	Total/NA	Water	SM 2320B	
MB 860-257925/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-257925/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-257925/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-257925/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-257925/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-257925/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-109313-2 DU	TMW-03	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-09

Date Collected: 08/18/25 10:00
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257079	08/23/25 04:13	KLV	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	257360	08/25/25 16:49	MS	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 08:03	NA	EET HOU
Total/NA	Prep	3511			35 mL	2 mL	256954	08/22/25 09:53	TH	EET HOU
Total/NA	Analysis	8270E		10	1 mL	1 mL	256952	08/22/25 21:39	LPL	EET HOU
Total/NA	Prep	3511			49.8 mL	5 mL	256545	08/20/25 17:07	BH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	256644	08/21/25 13:55	WP	EET HOU
Total/NA	Analysis	300.0		1			256137	08/19/25 20:31	A1S	EET HOU
Total/NA	Analysis	300.0		1			256138	08/19/25 20:31	A1S	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256376	08/20/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			256626	08/20/25 16:30	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256376	08/20/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			256626	08/20/25 16:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256412	08/20/25 10:15	MD	EET HOU
Total/NA	Analysis	6020B		1			256726	08/20/25 23:28	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256412	08/20/25 10:15	MD	EET HOU
Total/NA	Analysis	6020B		5			256726	08/20/25 23:37	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256412	08/20/25 10:15	MD	EET HOU
Total/NA	Analysis	6020B		1			256800	08/21/25 14:10	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:02	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 17:39	BW	EET HOU
Total/NA	Analysis	9040C		1			256577	08/20/25 16:32	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 13:45	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256467	08/20/25 16:41	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			257925	08/26/25 13:55	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	257052	08/22/25 13:48	AP	EET HOU

Client Sample ID: TMW-03

Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257079	08/23/25 04:34	KLV	EET HOU
Total/NA	Analysis	8260D	RA	1	5 mL	5 mL	257360	08/25/25 17:09	MS	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 08:24	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257030	08/22/25 12:25	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257139	08/23/25 04:09	T1S	EET HOU
Total/NA	Prep	3511			49.9 mL	5 mL	256545	08/20/25 17:07	BH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	256644	08/21/25 14:06	WP	EET HOU
Total/NA	Analysis	300.0		1			256137	08/19/25 20:44	A1S	EET HOU
Total/NA	Analysis	300.0		1			256138	08/19/25 20:44	A1S	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-03

Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	256376	08/20/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			256626	08/20/25 16:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256376	08/20/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			256626	08/20/25 16:40	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256412	08/20/25 10:15	MD	EET HOU
Total/NA	Analysis	6020B		1			256726	08/20/25 23:25	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256412	08/20/25 10:15	MD	EET HOU
Total/NA	Analysis	6020B		1			256800	08/21/25 14:07	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:06	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 17:42	BW	EET HOU
Total/NA	Analysis	9040C		1			256577	08/20/25 16:30	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 13:48	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256467	08/20/25 16:40	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			257925	08/26/25 15:22	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	257052	08/22/25 13:48	AP	EET HOU

Client Sample ID: TMW-10

Date Collected: 08/18/25 12:15
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 15:58	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 08:44	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257030	08/22/25 12:25	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257139	08/23/25 04:38	T1S	EET HOU
Total/NA	Prep	3511			49.7 mL	5 mL	256545	08/20/25 17:07	BH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	256644	08/21/25 14:17	WP	EET HOU
Total/NA	Analysis	300.0		1			256137	08/19/25 20:57	A1S	EET HOU
Total/NA	Analysis	300.0		1			256138	08/19/25 20:57	A1S	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256376	08/20/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			256626	08/20/25 16:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256376	08/20/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		5			256626	08/20/25 16:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256412	08/20/25 10:15	MD	EET HOU
Total/NA	Analysis	6020B		1			256726	08/20/25 23:22	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256412	08/20/25 10:15	MD	EET HOU
Total/NA	Analysis	6020B		1			256800	08/21/25 13:58	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:09	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 17:44	BW	EET HOU
Total/NA	Analysis	9040C		1			256577	08/20/25 16:23	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 13:51	BW	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Client Sample ID: TMW-10
Date Collected: 08/18/25 12:15
Date Received: 08/19/25 08:53

Lab Sample ID: 860-109313-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 1030E		1			256467	08/20/25 16:22	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			257925	08/26/25 15:35	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	257052	08/22/25 13:48	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109313-1	TMW-09	Water	08/18/25 10:00	08/19/25 08:53	Texas
860-109313-2	TMW-03	Water	08/18/25 13:45	08/19/25 08:53	Texas
860-109313-3	TMW-10	Water	08/18/25 12:15	08/19/25 08:53	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Emily Kiedaisch	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-09	8/18/25	1000	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-10	↓	1215	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-03	↓	1345	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-109313 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/18/25 1430				
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-19-25 853	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.9 / 3.7 How 368

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM

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8/31/2025

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Emily Kiedaisch	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049 1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd -TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-10	8/18/25	1215	G	Water			Y	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		8/18/25 1430				
	Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 9-19-25 953	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 3.2 / 3.0 Kov 368

V-r 0. /06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109313-1

Login Number: 109313 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Houston

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/23/2025 12:53:05 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109313-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/23/2025 12:53:05 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109313-2

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109313-2
Project: EBDU 37

Job ID: 860-109313-2 Eurofins Houston

Job Narrative
860-109313-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/19/2025 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.0°C and 3.7°C.

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 733232

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: TMW-09 (860-109313-1), TMW-03 (860-109313-2) and TMW-10 (860-109313-3). Analytical results are reported with the detection limit achieved.

Method 903.0: Radium 226 Batch 733165

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. TMW-09 (860-109313-1) and TMW-03 (860-109313-2)

Method 904.0: Radium-228 prep batch 160-733166:

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: TMW-09 (860-109313-1), TMW-03 (860-109313-2) and TMW-10 (860-109313-3) . Analytical results are reported with the detection limit achieved.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Client Sample ID: TMW-09 Lab Sample ID: 860-109313-1

No Detections.

Client Sample ID: TMW-03 Lab Sample ID: 860-109313-2

No Detections.

Client Sample ID: TMW-10 Lab Sample ID: 860-109313-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Client Sample ID: TMW-09

Lab Sample ID: 860-109313-1
Matrix: Water
Date Collected: 08/18/25 10:00
Date Received: 08/19/25 08:53

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	22.0	U G	19.1	19.3	3.00	29.6	pCi/L	08/22/25 08:47	08/25/25 21:08	1
Gross Beta	**18.2**	**G**	8.15	8.35	4.00	11.5	pCi/L	08/22/25 08:47	08/25/25 21:08	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.919	U G	1.06	1.06	1.00	1.72	pCi/L	08/22/25 07:55	09/22/25 15:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*32.3*		*30 - 110*	*08/22/25 07:55*	*09/22/25 15:40*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.524	U G	1.53	1.53	1.00	3.06	pCi/L	08/22/25 08:06	09/22/25 12:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*32.3*		*30 - 110*	*08/22/25 08:06*	*09/22/25 12:30*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/22/25 08:06*	*09/22/25 12:30*	*1*

Client Sample ID: TMW-03

Lab Sample ID: 860-109313-2
Matrix: Water
Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	8.00	U G	7.37	7.42	3.00	11.6	pCi/L	08/22/25 08:47	08/25/25 21:08	1
Gross Beta	**22.6**		3.89	4.50	4.00	3.74	pCi/L	08/22/25 08:47	08/25/25 21:08	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.23	U G	0.889	0.896	1.00	1.24	pCi/L	08/22/25 07:55	09/22/25 15:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*44.0*		*30 - 110*	*08/22/25 07:55*	*09/22/25 15:40*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.25**	**G**	1.87	1.91	1.00	2.52	pCi/L	08/22/25 08:06	09/22/25 12:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*44.0*		*30 - 110*	*08/22/25 08:06*	*09/22/25 12:30*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Client Sample ID: TMW-03

Lab Sample ID: 860-109313-2
Matrix: Water
Date Collected: 08/18/25 13:45
Date Received: 08/19/25 08:53

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	78.1		30 - 110	08/22/25 08:06	09/22/25 12:30	1

Client Sample ID: TMW-10

Lab Sample ID: 860-109313-3
Matrix: Water
Date Collected: 08/18/25 12:15
Date Received: 08/19/25 08:53

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	11.0	G	5.91	6.04	3.00	7.86	pCi/L	08/22/25 08:47	08/25/25 21:08	1
Gross Beta	7.34		2.36	2.47	4.00	2.91	pCi/L	08/22/25 08:47	08/25/25 21:08	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.863		0.421	0.429	1.00	0.475	pCi/L	08/22/25 07:55	09/22/25 15:40	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	73.8		30 - 110	08/22/25 07:55	09/22/25 15:40	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.76	G	0.814	0.830	1.00	1.13	pCi/L	08/22/25 08:06	09/22/25 12:30	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	73.8		30 - 110	08/22/25 08:06	09/22/25 12:30	1
Y Carrier	77.8		30 - 110	08/22/25 08:06	09/22/25 12:30	1

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
860-109313-1	TMW-09	32.3
860-109313-2	TMW-03	44.0
860-109313-3	TMW-10	73.8
LCS 160-733165/2-A	Lab Control Sample	74.3
MB 160-733165/1-A	Method Blank	75.1

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
860-109313-1	TMW-09	32.3	76.6
860-109313-2	TMW-03	44.0	78.1
860-109313-3	TMW-10	73.8	77.8
LCS 160-733166/2-A	Lab Control Sample	74.3	78.9
MB 160-733166/1-A	Method Blank	75.1	80.0

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-733232/1-A
Matrix: Water
Analysis Batch: 733501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733232

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.4428	U	0.614	0.617	3.00	1.03	pCi/L	08/22/25 08:47	08/25/25 21:05	1
Gross Beta	0.1344	U	0.542	0.542	4.00	0.935	pCi/L	08/22/25 08:47	08/25/25 21:05	1

Lab Sample ID: LCS 160-733232/2-A
Matrix: Water
Analysis Batch: 733501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733232

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	49.4	51.32		7.43	3.00	1.87	pCi/L	104	75 - 125

Lab Sample ID: LCSB 160-733232/3-A
Matrix: Water
Analysis Batch: 733501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733232

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.3	67.94		7.32	4.00	0.930	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-733165/1-A
Matrix: Water
Analysis Batch: 737130

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733165

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2257	U	0.285	0.286	1.00	0.474	pCi/L	08/22/25 07:55	09/22/25 15:39	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*08/22/25 07:55*	*09/22/25 15:39*	*1*

Lab Sample ID: LCS 160-733165/2-A
Matrix: Water
Analysis Batch: 737130

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733165

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	11.60		1.56	1.00	0.458	pCi/L	121	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*74.3*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-733166/1-A
Matrix: Water
Analysis Batch: 737100

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733166

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8612		0.491	0.498	1.00	0.709	pCi/L	08/22/25 08:06	09/22/25 12:29	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.1*		*30 - 110*	*08/22/25 08:06*	*09/22/25 12:29*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/22/25 08:06*	*09/22/25 12:29*	*1*

Lab Sample ID: LCS 160-733166/2-A
Matrix: Water
Analysis Batch: 737100

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733166

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.05	10.67		1.54	1.00	0.741	pCi/L	118	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*74.3*		*30 - 110*
Y Carrier	*78.9*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Rad

Prep Batch: 733165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	PrecSep-21	
860-109313-2	TMW-03	Total/NA	Water	PrecSep-21	
860-109313-3	TMW-10	Total/NA	Water	PrecSep-21	
MB 160-733165/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-733165/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 733166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	PrecSep_0	
860-109313-2	TMW-03	Total/NA	Water	PrecSep_0	
860-109313-3	TMW-10	Total/NA	Water	PrecSep_0	
MB 160-733166/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-733166/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 733232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109313-1	TMW-09	Total/NA	Water	Evaporation	
860-109313-2	TMW-03	Total/NA	Water	Evaporation	
860-109313-3	TMW-10	Total/NA	Water	Evaporation	
MB 160-733232/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-733232/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-733232/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Client Sample ID: TMW-09

Lab Sample ID: 860-109313-1

Date Collected: 08/18/25 10:00
Matrix: Water
Date Received: 08/19/25 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			17.61 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733501	08/25/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep-21			507.99 mL	1.0 g	733165	08/22/25 07:55	JTR	EET SL
Total/NA	Analysis	903.0		1			737127	09/22/25 15:40	SCB	EET SL
Total/NA	Prep	PrecSep_0			507.99 mL	1.0 g	733166	08/22/25 08:06	JTR	EET SL
Total/NA	Analysis	904.0		1			737100	09/22/25 12:30	SCB	EET SL

Client Sample ID: TMW-03

Lab Sample ID: 860-109313-2

Date Collected: 08/18/25 13:45
Matrix: Water
Date Received: 08/19/25 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			47.03 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733501	08/25/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep-21			502.99 mL	1.0 g	733165	08/22/25 07:55	JTR	EET SL
Total/NA	Analysis	903.0		1			737127	09/22/25 15:40	SCB	EET SL
Total/NA	Prep	PrecSep_0			502.99 mL	1.0 g	733166	08/22/25 08:06	JTR	EET SL
Total/NA	Analysis	904.0		1			737100	09/22/25 12:30	SCB	EET SL

Client Sample ID: TMW-10

Lab Sample ID: 860-109313-3

Date Collected: 08/18/25 12:15
Matrix: Water
Date Received: 08/19/25 08:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			61.02 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733501	08/25/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep-21			756.73 mL	1.0 g	733165	08/22/25 07:55	JTR	EET SL
Total/NA	Analysis	903.0		1			737127	09/22/25 15:40	SCB	EET SL
Total/NA	Prep	PrecSep_0			756.73 mL	1.0 g	733166	08/22/25 08:06	JTR	EET SL
Total/NA	Analysis	904.0		1			737100	09/22/25 12:30	SCB	EET SL

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109313-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109313-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109313-1	TMW-09	Water	08/18/25 10:00	08/19/25 08:53	Texas
860-109313-2	TMW-03	Water	08/18/25 13:45	08/19/25 08:53	Texas
860-109313-3	TMW-10	Water	08/18/25 12:15	08/19/25 08:53	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Emily Kiedaisch	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-09	8/18/25	1000	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	All Samples dropped off on Ice in addition to the preservation code.
TMW-10		1215	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-03		1345	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-109313 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/18/25 1430				
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-19-25 853	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.9 / 3.7 How 368

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM

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9/23/2025

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler: Emily Kiedarsch	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049 1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd -TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-10	8/18/25	1215	G	Water			Y	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/18/25 1430				
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 9-19-25 953	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.2 / 3.0 Kov 368

Ver: 0./06/2024

Received by OCD: 11/20/2025 2:07:34 PM
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9/23/2025
Released to Imaging: 3/12/2026 2:34:23 PM

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-249904.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-109313-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/27/2025			Preservation Codes: -
City: Earth City State, Zip: MO, 63045	TAT Requested (days): N/A			
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW-09 (860-109313-1)	8/18/25	10:00 Central	G	Water			X	X	X	3	
TMW-03 (860-109313-2)	8/18/25	13:45 Central	G	Water			X	X	X	3	
TMW-10 (860-109313-3)	8/18/25	12:15 Central	G	Water			X	X	X	3	

Analysis Requested

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8/20	Company	Received by:	Date/Time: 0820 AUG 21 2025	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109313-2

Login Number: 109313 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109313-2

Login Number: 109313 **List Source: Eurofins St. Louis**
List Number: 2 **List Creation: 08/21/25 12:10 PM**
Creator: Forrest, Cheyenne L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 8/31/2025 3:39:49 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109447-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
8/31/2025 3:39:49 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109447-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109447-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109447-1
Project/Site: EBDU 37

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109447-1
Project: EBDU 37

Job ID: 860-109447-1 Eurofins Houston

Job Narrative
860-109447-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/20/2025 9:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 4.1°C, 5.1°C and 5.4°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-257030 and analytical batch 860-256940 recovered outside control limits for the following analytes: Styrene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E_QQQ: The continuing calibration verification (CCV) associated with batch 860-256940 recovered above the upper control limit for Styrene. The associated sample is:(CCV 860-256940/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Surrogate recovery for the following samples were outside the upper control limit: TMW-43 (860-109447-1), TMW-21 (860-109447-2), TMW-24 (860-109447-3), TMW-44 (860-109447-4) and TMW-16 (860-109447-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-43 (860-109447-1) and TMW-16 (860-109447-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method Kelada_01: The following samples were analyzed outside of analytical holding time due to request for method occurring after hold expired.: TMW-43 (860-109447-1), TMW-21 (860-109447-2), TMW-24 (860-109447-3), TMW-44 (860-109447-4), TMW-16 (860-109447-5), (CCB 860-257165/23), (CCB 860-257165/37), (CCB 860-257165/51), (CCB 860-257165/65), (CCV 860-257165/22), (CCV 860-257165/36), (CCV 860-257165/50), (CCV 860-257165/64), (LCS 860-257165/25), (LCSD 860-257165/26), (LLCS 860-257165/27), (MB 860-257165/24), (885-30814-B-2), (885-30814-B-2 MS) and (885-30814-B-2 MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-43 — Lab Sample ID: 860-109447-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.802		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.466	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	21.3		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	606		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	224		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.595		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	24.4		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	102		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	6.56		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	67.2		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	5.98		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.780		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00223	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.322		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.137		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00144	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000457	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Lead	0.000505	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0243		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00124	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00178	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.00465		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00338		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00607		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.54	HF			SU	1		9040C	Total/NA
Temperature	23.5	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.54	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00269	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	17.8				meq/L	1		SM 1030E	Total/NA
Total Anions	22.4				meq/L	1		SM 1030E	Total/NA
Percent Difference	-11.7				%	1		SM 1030E	Total/NA
Alkalinity	129		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	129		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1620		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-21 — Lab Sample ID: 860-109447-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	269		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.327		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.286	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	172		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	141		0.200	0.102	mg/L	1		6010D	Total/NA
Iron	0.403		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	11.7		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	108		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	53.2		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	56.9		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	2.79		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.689		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00395	J	0.00400	0.000690	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-21 (Continued) — Lab Sample ID: 860-109447-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0506		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.125		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00223	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00796		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00122	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000590	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0241		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00104		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.67	HF			SU	1		9040C	Total/NA
Temperature	23.1	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.67	HF			SU	1		9040C	Total/NA
Total Cations	12.8				meq/L	1		SM 1030E	Total/NA
Total Anions	15.5				meq/L	1		SM 1030E	Total/NA
Percent Difference	-9.53				%	1		SM 1030E	Total/NA
Alkalinity	118		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	118		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1060		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-24 — Lab Sample ID: 860-109447-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	273		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	1.22		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.626		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	232		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	132		0.200	0.102	mg/L	1		6010D	Total/NA
Iron	0.117	J	0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	15.1		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	172		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	73.3		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	59.5		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	2.53		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.179		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00324	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0239		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.314		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00167	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00155	J	0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00336		0.00200	0.000255	mg/L	1		6020B	Total/NA
Selenium	0.0279		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00217		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.62	HF			SU	1		9040C	Total/NA
Temperature	22.9	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.62	HF			SU	1		9040C	Total/NA
Total Cations	15.4				meq/L	1		SM 1030E	Total/NA
Total Anions	18.0				meq/L	1		SM 1030E	Total/NA
Percent Difference	-7.83				%	1		SM 1030E	Total/NA
Alkalinity	168		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	168		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	999		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-44 — Lab Sample ID: 860-109447-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	191		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.435		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.727		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	181		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	147		0.200	0.102	mg/L	1		6010D	Total/NA
Iron	5.73		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	16.4		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	87.5		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	54.1		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	102		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.93		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	9.19		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00427		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0680		0.00400	0.00134	mg/L	1		6020B	Total/NA
Beryllium	0.000385	J	0.00200	0.000271	mg/L	1		6020B	Total/NA
Boron	0.150		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00893		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00208		0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00445		0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00249		0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0940		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00419		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00526		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0231		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00281		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0126		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.75	HF			SU	1		9040C	Total/NA
Temperature	23.3	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.75	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00243	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	12.6				meq/L	1		SM 1030E	Total/NA
Total Anions	15.1				meq/L	1		SM 1030E	Total/NA
Percent Difference	-8.94				%	1		SM 1030E	Total/NA
Alkalinity	124		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	124		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	803		10.0	10.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-16 — Lab Sample ID: 860-109447-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	2.22		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.501		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	101		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	811		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	342		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	1.08		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	51.3		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	143		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	31.6		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	77.0		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.72		0.500	0.106	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-16 (Continued) Lab Sample ID: 860-109447-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	1.73		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00299	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.167		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.133		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00200	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000560	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00119	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000647	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0187		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.000845	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00184	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0119		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00342		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00288	J	0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.38	HF			SU	1		9040C	Total/NA
Temperature	22.9	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.38	HF			SU	1		9040C	Total/NA
Total Cations	27.6				meq/L	1		SM 1030E	Total/NA
Total Anions	30.9				meq/L	1		SM 1030E	Total/NA
Percent Difference	-5.66				%	1		SM 1030E	Total/NA
Alkalinity	161		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	161		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2260		20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-43

Date Collected: 08/19/25 13:30
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 09:05	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 09:05	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/23/25 09:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/23/25 09:05*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 16:19	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 16:19	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 16:19	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 16:19	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 16:19	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 16:19	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 16:19	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 16:19	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 16:19	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 16:19	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 16:19	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 16:19	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 16:19	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 16:19	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 16:19	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 16:19	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 16:19	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 16:19	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 16:19	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 16:19	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 16:19	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 16:19	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/23/25 16:19*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*08/23/25 16:19*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 16:19*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/23/25 16:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0963	U	0.573	0.0963	ug/L		08/22/25 12:25	08/23/25 05:07	1
1,2,4-Trichlorobenzene	<0.121	U	0.573	0.121	ug/L		08/22/25 12:25	08/23/25 05:07	1
2-Methylnaphthalene	<0.109	U	0.573	0.109	ug/L		08/22/25 12:25	08/23/25 05:07	1
Acenaphthene	<0.102	U	0.573	0.102	ug/L		08/22/25 12:25	08/23/25 05:07	1
1,2-Dichlorobenzene	<0.101	U	0.573	0.101	ug/L		08/22/25 12:25	08/23/25 05:07	1
Acenaphthylene	<0.125	U	0.573	0.125	ug/L		08/22/25 12:25	08/23/25 05:07	1
Anthracene	<0.104	U	0.573	0.104	ug/L		08/22/25 12:25	08/23/25 05:07	1
Benzo[a]anthracene	<0.127	U	0.287	0.127	ug/L		08/22/25 12:25	08/23/25 05:07	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-43

Date Collected: 08/19/25 13:30
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-1

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.108	U	0.287	0.108	ug/L		08/22/25 12:25	08/23/25 05:07	1
1,4-Dichlorobenzene	<0.110	U	0.573	0.110	ug/L		08/22/25 12:25	08/23/25 05:07	1
Benzo[b]fluoranthene	<0.125	U	0.573	0.125	ug/L		08/22/25 12:25	08/23/25 05:07	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/22/25 12:25	08/23/25 05:07	1
Benzo[g,h,i]perylene	<0.0906	U	0.573	0.0906	ug/L		08/22/25 12:25	08/23/25 05:07	1
Benzo[k]fluoranthene	<0.124	U	0.573	0.124	ug/L		08/22/25 12:25	08/23/25 05:07	1
Pentachlorophenol	<0.313	U	0.573	0.313	ug/L		08/22/25 12:25	08/23/25 05:07	1
Chrysene	<0.0968	U	0.573	0.0968	ug/L		08/22/25 12:25	08/23/25 05:07	1
Styrene	<1.60	U *+	2.29	1.60	ug/L		08/22/25 12:25	08/23/25 05:07	1
Dibenz(a,h)anthracene	<0.0853	U	0.115	0.0853	ug/L		08/22/25 12:25	08/23/25 05:07	1
Fluoranthene	<0.120	U	0.573	0.120	ug/L		08/22/25 12:25	08/23/25 05:07	1
Fluorene	<0.113	U	0.573	0.113	ug/L		08/22/25 12:25	08/23/25 05:07	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.573	0.103	ug/L		08/22/25 12:25	08/23/25 05:07	1
Naphthalene	<0.115	U	0.573	0.115	ug/L		08/22/25 12:25	08/23/25 05:07	1
Phenanthrene	<0.107	U	0.573	0.107	ug/L		08/22/25 12:25	08/23/25 05:07	1
Pyrene	<0.129	U	0.573	0.129	ug/L		08/22/25 12:25	08/23/25 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
2-Fluorobiphenyl	*91*		*43 - 130*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
2-Fluorophenol (Surr)	*39*		*19 - 120*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
2-Fluorobiphenyl	*91*		*43 - 130*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
Nitrobenzene-d5 (Surr)	*85*		*37 - 133*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
Phenol-d5 (Surr)	*25*		*8 - 124*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 130*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
Nitrobenzene-d5 (Surr)	*85*		*37 - 133*	*08/22/25 12:25*	*08/23/25 05:07*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 130*	*08/22/25 12:25*	*08/23/25 05:07*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:16	1
PCB-1221	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:16	1
PCB-1232	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:16	1
PCB-1242	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:16	1
PCB-1248	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:16	1
PCB-1254	<0.0000748	U	0.000619	0.0000748	mg/L		08/22/25 13:52	08/25/25 14:16	1
PCB-1260	<0.0000748	U	0.000309	0.0000748	mg/L		08/22/25 13:52	08/25/25 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*175*	*S1+*	*52 - 134*	*08/22/25 13:52*	*08/25/25 14:16*	*1*
DCB Decachlorobiphenyl (Surr)	*147*	*S1+*	*28 - 94*	*08/22/25 13:52*	*08/25/25 14:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.802**		0.100	0.0391	mg/L			08/20/25 17:41	1
Fluoride	**0.466**	**J**	0.500	0.100	mg/L			08/20/25 17:41	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 17:41	1
Sulfate	**21.3**		0.500	0.200	mg/L			08/20/25 17:41	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-43

Date Collected: 08/19/25 13:30
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**606**		5.00	2.50	mg/L			08/20/25 17:47	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**224**		10.0	5.08	mg/L		08/23/25 10:36	08/26/25 10:56	50
Iron	**0.595**		0.200	0.0283	mg/L		08/23/25 10:36	08/26/25 10:49	1
Magnesium	**24.4**		0.200	0.0445	mg/L		08/23/25 10:36	08/26/25 10:49	1
Sodium	**102**		0.500	0.152	mg/L		08/23/25 10:36	08/26/25 10:49	1
Sulfur	**6.56**		0.100	0.0370	mg/L		08/23/25 10:36	08/26/25 10:49	1
SiO2	**67.2**		1.07	0.370	mg/L		08/23/25 10:36	08/26/25 10:49	1
Potassium	**5.98**		0.500	0.106	mg/L		08/23/25 10:36	08/26/25 10:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.780**		0.0200	0.00549	mg/L		08/21/25 11:00	08/22/25 03:06	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/21/25 11:00	08/22/25 03:06	1
Arsenic	**0.00223**	**J**	0.00400	0.000690	mg/L		08/21/25 11:00	08/22/25 03:06	1
Barium	**0.322**		0.00400	0.00134	mg/L		08/21/25 11:00	08/22/25 03:06	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/21/25 11:00	08/22/25 03:06	1
Boron	**0.137**		0.0100	0.00401	mg/L		08/21/25 11:00	08/22/25 21:57	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/21/25 11:00	08/22/25 03:06	1
Chromium	**0.00144**	**J**	0.00400	0.000560	mg/L		08/21/25 11:00	08/22/25 03:06	1
Cobalt	**0.000457**	**J**	0.00200	0.000355	mg/L		08/21/25 11:00	08/22/25 03:06	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/21/25 11:00	08/22/25 03:06	1
Lead	**0.000505**	**J**	0.00200	0.000367	mg/L		08/21/25 11:00	08/22/25 03:06	1
Manganese	**0.0243**		0.00200	0.000759	mg/L		08/21/25 11:00	08/22/25 03:06	1
Molybdenum	**0.00124**	**J**	0.00200	0.000255	mg/L		08/21/25 11:00	08/22/25 03:06	1
Nickel	**0.00178**	**J**	0.00200	0.000528	mg/L		08/21/25 11:00	08/22/25 03:06	1
Selenium	**0.00465**		0.00200	0.000590	mg/L		08/21/25 11:00	08/22/25 03:06	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/21/25 11:00	08/22/25 03:06	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/21/25 11:00	08/22/25 03:06	1
Uranium	**0.00338**		0.00100	0.000211	mg/L		08/21/25 11:00	08/22/25 03:06	1
Zinc	**0.00607**		0.00400	0.00274	mg/L		08/21/25 11:00	08/22/25 03:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 17:58	1
pH (SW846 9040C)	**7.54**	**HF**			SU			08/26/25 17:40	1
Temperature (SW846 9040C)	**23.5**	**HF**			Degrees C			08/26/25 17:40	1
Corrosivity (SW846 9040C)	**7.54**	**HF**			SU			08/26/25 17:40	1
Cyanide, Total (EPA Kelada 01)	**0.00269**	**J**	0.00500	0.00198	mg/L			08/22/25 14:12	1
Total Cations (SM 1030E)	**17.8**				meq/L			08/26/25 10:56	1
Total Anions (SM 1030E)	**22.4**				meq/L			08/26/25 10:56	1
Percent Difference (SM 1030E)	**-11.7**				%			08/26/25 10:56	1
Alkalinity (SM 2320B)	**129**		4.00	4.00	mg/L			08/26/25 14:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**129**		4.00	4.00	mg/L			08/26/25 14:12	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-43

Lab Sample ID: 860-109447-1
Matrix: Water
Date Collected: 08/19/25 13:30
Date Received: 08/20/25 09:23

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:12	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:12	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:12	1
Total Dissolved Solids (SM 2540C)	**1620**		20.0	20.0	mg/L			08/26/25 12:50	1

Client Sample ID: TMW-21

Lab Sample ID: 860-109447-2
Matrix: Water
Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 09:25	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 09:25	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/23/25 09:25*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/23/25 09:25*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 16:39	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 16:39	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 16:39	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 16:39	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 16:39	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 16:39	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 16:39	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 16:39	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 16:39	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 16:39	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 16:39	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 16:39	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 16:39	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 16:39	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 16:39	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 16:39	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 16:39	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 16:39	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 16:39	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 16:39	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 16:39	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 16:39	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/23/25 16:39*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*08/23/25 16:39*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/23/25 16:39*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/23/25 16:39*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-21

Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/22/25 12:25	08/23/25 05:35	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/22/25 12:25	08/23/25 05:35	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/22/25 12:25	08/23/25 05:35	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/22/25 12:25	08/23/25 05:35	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/22/25 12:25	08/23/25 05:35	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/22/25 12:25	08/23/25 05:35	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/22/25 12:25	08/23/25 05:35	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/23/25 05:35	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/23/25 05:35	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/22/25 12:25	08/23/25 05:35	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/22/25 12:25	08/23/25 05:35	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/22/25 12:25	08/23/25 05:35	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/22/25 12:25	08/23/25 05:35	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/22/25 12:25	08/23/25 05:35	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/22/25 12:25	08/23/25 05:35	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/22/25 12:25	08/23/25 05:35	1
Styrene	<1.60	U *+	2.29	1.60	ug/L		08/22/25 12:25	08/23/25 05:35	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/22/25 12:25	08/23/25 05:35	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/22/25 12:25	08/23/25 05:35	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/22/25 12:25	08/23/25 05:35	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/22/25 12:25	08/23/25 05:35	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/22/25 12:25	08/23/25 05:35	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/22/25 12:25	08/23/25 05:35	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/22/25 12:25	08/23/25 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*35 - 130*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
2-Fluorophenol (Surr)	*37*		*19 - 120*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 133*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
Phenol-d5 (Surr)	*22*		*8 - 124*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 130*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 133*	*08/22/25 12:25*	*08/23/25 05:35*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 130*	*08/22/25 12:25*	*08/23/25 05:35*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000578	U	0.000315	0.0000578	mg/L		08/22/25 13:52	08/25/25 14:28	1
PCB-1221	<0.0000578	U	0.000630	0.0000578	mg/L		08/22/25 13:52	08/25/25 14:28	1
PCB-1232	<0.0000578	U	0.000630	0.0000578	mg/L		08/22/25 13:52	08/25/25 14:28	1
PCB-1242	<0.0000578	U	0.000315	0.0000578	mg/L		08/22/25 13:52	08/25/25 14:28	1
PCB-1248	<0.0000578	U	0.000630	0.0000578	mg/L		08/22/25 13:52	08/25/25 14:28	1
PCB-1254	<0.0000761	U	0.000630	0.0000761	mg/L		08/22/25 13:52	08/25/25 14:28	1
PCB-1260	<0.0000761	U	0.000315	0.0000761	mg/L		08/22/25 13:52	08/25/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*118*		*52 - 134*	*08/22/25 13:52*	*08/25/25 14:28*	*1*
DCB Decachlorobiphenyl (Surr)	*98*	*S1+*	*28 - 94*	*08/22/25 13:52*	*08/25/25 14:28*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-21

Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**269**		0.500	0.250	mg/L			08/20/25 18:06	1
Nitrate as N	**0.327**		0.100	0.0391	mg/L			08/20/25 18:06	1
Fluoride	**0.286**	**J**	0.500	0.100	mg/L			08/20/25 18:06	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 18:06	1
Sulfate	**172**		0.500	0.200	mg/L			08/20/25 18:06	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**141**		0.200	0.102	mg/L		08/23/25 10:36	08/26/25 10:51	1
Iron	**0.403**		0.200	0.0283	mg/L		08/23/25 10:36	08/26/25 10:51	1
Magnesium	**11.7**		0.200	0.0445	mg/L		08/23/25 10:36	08/26/25 10:51	1
Sodium	**108**		0.500	0.152	mg/L		08/23/25 10:36	08/26/25 10:51	1
Sulfur	**53.2**		0.100	0.0370	mg/L		08/23/25 10:36	08/26/25 10:51	1
SiO2	**56.9**		1.07	0.370	mg/L		08/23/25 10:36	08/26/25 10:51	1
Potassium	**2.79**		0.500	0.106	mg/L		08/23/25 10:36	08/26/25 10:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.689**		0.0200	0.00549	mg/L		08/21/25 11:00	08/22/25 03:09	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/21/25 11:00	08/22/25 03:09	1
Arsenic	**0.00395**	**J**	0.00400	0.000690	mg/L		08/21/25 11:00	08/22/25 03:09	1
Barium	**0.0506**		0.00400	0.00134	mg/L		08/21/25 11:00	08/22/25 03:09	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/21/25 11:00	08/22/25 03:09	1
Boron	**0.125**		0.0100	0.00401	mg/L		08/21/25 11:00	08/22/25 22:00	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/21/25 11:00	08/22/25 03:09	1
Chromium	**0.00223**	**J**	0.00400	0.000560	mg/L		08/21/25 11:00	08/22/25 03:09	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/21/25 11:00	08/22/25 03:09	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/21/25 11:00	08/22/25 03:09	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/21/25 11:00	08/22/25 03:09	1
Manganese	**0.00796**		0.00200	0.000759	mg/L		08/21/25 11:00	08/22/25 03:09	1
Molybdenum	**0.00122**	**J**	0.00200	0.000255	mg/L		08/21/25 11:00	08/22/25 03:09	1
Nickel	**0.000590**	**J**	0.00200	0.000528	mg/L		08/21/25 11:00	08/22/25 03:09	1
Selenium	**0.0241**		0.00200	0.000590	mg/L		08/21/25 11:00	08/22/25 03:09	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/21/25 11:00	08/22/25 03:09	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/21/25 11:00	08/22/25 03:09	1
Uranium	**0.00104**		0.00100	0.000211	mg/L		08/21/25 11:00	08/22/25 03:09	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/21/25 11:00	08/22/25 03:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 18:00	1
pH (SW846 9040C)	**7.67**	**HF**			SU			08/26/25 17:38	1
Temperature (SW846 9040C)	**23.1**	**HF**			Degrees C			08/26/25 17:38	1
Corrosivity (SW846 9040C)	**7.67**	**HF**			SU			08/26/25 17:38	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 14:14	1
Total Cations (SM 1030E)	**12.8**				meq/L			08/26/25 10:51	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-21

Lab Sample ID: 860-109447-2
Matrix: Water
Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Anions (SM 1030E)	**15.5**				meq/L			08/26/25 10:51	1
Percent Difference (SM 1030E)	**-9.53**				%			08/26/25 10:51	1
Alkalinity (SM 2320B)	**118**		4.00	4.00	mg/L			08/26/25 14:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**118**		4.00	4.00	mg/L			08/26/25 14:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:18	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:18	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:18	1
Total Dissolved Solids (SM 2540C)	**1060**		10.0	10.0	mg/L			08/26/25 12:50	1

Client Sample ID: TMW-24

Lab Sample ID: 860-109447-3
Matrix: Water
Date Collected: 08/19/25 11:45
Date Received: 08/20/25 09:23

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 09:46	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 09:46	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/23/25 09:46*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*08/23/25 09:46*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 17:00	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 17:00	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 17:00	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 17:00	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 17:00	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 17:00	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 17:00	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 17:00	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 17:00	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 17:00	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 17:00	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 17:00	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 17:00	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 17:00	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 17:00	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 17:00	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 17:00	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 17:00	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 17:00	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 17:00	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 17:00	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 17:00	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 17:00	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-24

Date Collected: 08/19/25 11:45
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		63 - 144		08/23/25 17:00	1
4-Bromofluorobenzene (Surr)	97		74 - 124		08/23/25 17:00	1
Dibromofluoromethane (Surr)	104		75 - 131		08/23/25 17:00	1
Toluene-d8 (Surr)	100		80 - 120		08/23/25 17:00	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/22/25 12:25	08/23/25 06:04	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/22/25 12:25	08/23/25 06:04	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/22/25 12:25	08/23/25 06:04	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 06:04	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 06:04	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/22/25 12:25	08/23/25 06:04	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/22/25 12:25	08/23/25 06:04	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/23/25 06:04	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/23/25 06:04	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/22/25 12:25	08/23/25 06:04	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/22/25 12:25	08/23/25 06:04	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/22/25 12:25	08/23/25 06:04	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/22/25 12:25	08/23/25 06:04	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/22/25 12:25	08/23/25 06:04	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/22/25 12:25	08/23/25 06:04	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/22/25 12:25	08/23/25 06:04	1
Styrene	<1.59	U *+	2.29	1.59	ug/L		08/22/25 12:25	08/23/25 06:04	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/22/25 12:25	08/23/25 06:04	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/22/25 12:25	08/23/25 06:04	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/22/25 12:25	08/23/25 06:04	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/22/25 12:25	08/23/25 06:04	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/22/25 12:25	08/23/25 06:04	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/22/25 12:25	08/23/25 06:04	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/22/25 12:25	08/23/25 06:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		35 - 130	08/22/25 12:25	08/23/25 06:04	1
2-Fluorobiphenyl	87		43 - 130	08/22/25 12:25	08/23/25 06:04	1
2-Fluorophenol (Surr)	36		19 - 120	08/22/25 12:25	08/23/25 06:04	1
2-Fluorobiphenyl	87		43 - 130	08/22/25 12:25	08/23/25 06:04	1
Nitrobenzene-d5 (Surr)	79		37 - 133	08/22/25 12:25	08/23/25 06:04	1
Phenol-d5 (Surr)	22		8 - 124	08/22/25 12:25	08/23/25 06:04	1
p-Terphenyl-d14 (Surr)	87		47 - 130	08/22/25 12:25	08/23/25 06:04	1
Nitrobenzene-d5 (Surr)	79		37 - 133	08/22/25 12:25	08/23/25 06:04	1
p-Terphenyl-d14 (Surr)	87		47 - 130	08/22/25 12:25	08/23/25 06:04	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:39	1
PCB-1221	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:39	1
PCB-1232	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:39	1
PCB-1242	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:39	1
PCB-1248	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 14:39	1
PCB-1254	<0.0000748	U	0.000619	0.0000748	mg/L		08/22/25 13:52	08/25/25 14:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-24

Date Collected: 08/19/25 11:45
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-3

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.0000748	U	0.000309	0.0000748	mg/L		08/22/25 13:52	08/25/25 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*131*		*52 - 134*	*08/22/25 13:52*	*08/25/25 14:39*	*1*
DCB Decachlorobiphenyl (Surr)	*111*	*S1+*	*28 - 94*	*08/22/25 13:52*	*08/25/25 14:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**273**		0.500	0.250	mg/L			08/20/25 18:19	1
Nitrate as N	**1.22**		0.100	0.0391	mg/L			08/20/25 18:19	1
Fluoride	**0.626**		0.500	0.100	mg/L			08/20/25 18:19	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 18:19	1
Sulfate	**232**		0.500	0.200	mg/L			08/20/25 18:19	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**132**		0.200	0.102	mg/L		08/23/25 10:36	08/26/25 10:52	1
Iron	**0.117**	**J**	0.200	0.0283	mg/L		08/23/25 10:36	08/26/25 10:52	1
Magnesium	**15.1**		0.200	0.0445	mg/L		08/23/25 10:36	08/26/25 10:52	1
Sodium	**172**		0.500	0.152	mg/L		08/23/25 10:36	08/26/25 10:52	1
Sulfur	**73.3**		0.100	0.0370	mg/L		08/23/25 10:36	08/26/25 10:52	1
SiO2	**59.5**		1.07	0.370	mg/L		08/23/25 10:36	08/26/25 10:52	1
Potassium	**2.53**		0.500	0.106	mg/L		08/23/25 10:36	08/26/25 10:52	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.179**		0.0200	0.00549	mg/L		08/21/25 11:00	08/22/25 03:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/21/25 11:00	08/22/25 03:15	1
Arsenic	**0.00324**	**J**	0.00400	0.000690	mg/L		08/21/25 11:00	08/22/25 03:15	1
Barium	**0.0239**		0.00400	0.00134	mg/L		08/21/25 11:00	08/22/25 03:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/21/25 11:00	08/22/25 03:15	1
Boron	**0.314**		0.0100	0.00401	mg/L		08/21/25 11:00	08/22/25 22:06	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/21/25 11:00	08/22/25 03:15	1
Chromium	**0.00167**	**J**	0.00400	0.000560	mg/L		08/21/25 11:00	08/22/25 03:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/21/25 11:00	08/22/25 03:15	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/21/25 11:00	08/22/25 03:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/21/25 11:00	08/22/25 03:15	1
Manganese	**0.00155**	**J**	0.00200	0.000759	mg/L		08/21/25 11:00	08/22/25 03:15	1
Molybdenum	**0.00336**		0.00200	0.000255	mg/L		08/21/25 11:00	08/22/25 03:15	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/21/25 11:00	08/22/25 03:15	1
Selenium	**0.0279**		0.00200	0.000590	mg/L		08/21/25 11:00	08/22/25 03:15	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/21/25 11:00	08/22/25 03:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/21/25 11:00	08/22/25 03:15	1
Uranium	**0.00217**		0.00100	0.000211	mg/L		08/21/25 11:00	08/22/25 03:15	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/21/25 11:00	08/22/25 03:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:26	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-24

Date Collected: 08/19/25 11:45
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-3

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 18:03	1
pH (SW846 9040C)	**7.62**	**HF**			SU			08/26/25 17:36	1
Temperature (SW846 9040C)	**22.9**	**HF**			Degrees C			08/26/25 17:36	1
Corrosivity (SW846 9040C)	**7.62**	**HF**			SU			08/26/25 17:36	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 14:18	1
Total Cations (SM 1030E)	**15.4**				meq/L			08/26/25 10:52	1
Total Anions (SM 1030E)	**18.0**				meq/L			08/26/25 10:52	1
Percent Difference (SM 1030E)	**-7.83**				%			08/26/25 10:52	1
Alkalinity (SM 2320B)	**168**		4.00	4.00	mg/L			08/26/25 14:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**168**		4.00	4.00	mg/L			08/26/25 14:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:36	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:36	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:36	1
Total Dissolved Solids (SM 2540C)	**999**		10.0	10.0	mg/L			08/26/25 12:50	1

Client Sample ID: TMW-44

Date Collected: 08/19/25 09:40
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-4

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 10:07	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 10:07	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 10:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/23/25 10:07*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*08/23/25 10:07*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 17:20	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 17:20	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 17:20	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 17:20	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 17:20	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 17:20	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 17:20	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 17:20	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 17:20	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 17:20	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 17:20	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 17:20	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 17:20	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 17:20	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 17:20	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 17:20	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 17:20	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 17:20	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-44

Date Collected: 08/19/25 09:40
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 17:20	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 17:20	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 17:20	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 17:20	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/23/25 17:20*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/23/25 17:20*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 17:20*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/23/25 17:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/22/25 12:25	08/23/25 06:33	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/22/25 12:25	08/23/25 06:33	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/22/25 12:25	08/23/25 06:33	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/22/25 12:25	08/23/25 06:33	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/22/25 12:25	08/23/25 06:33	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/22/25 12:25	08/23/25 06:33	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/22/25 12:25	08/23/25 06:33	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/23/25 06:33	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/23/25 06:33	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/22/25 12:25	08/23/25 06:33	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/22/25 12:25	08/23/25 06:33	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/22/25 12:25	08/23/25 06:33	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/22/25 12:25	08/23/25 06:33	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/22/25 12:25	08/23/25 06:33	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/22/25 12:25	08/23/25 06:33	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/22/25 12:25	08/23/25 06:33	1
Styrene	<1.60	U *+	2.29	1.60	ug/L		08/22/25 12:25	08/23/25 06:33	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/22/25 12:25	08/23/25 06:33	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/22/25 12:25	08/23/25 06:33	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/22/25 12:25	08/23/25 06:33	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/22/25 12:25	08/23/25 06:33	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/22/25 12:25	08/23/25 06:33	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/22/25 12:25	08/23/25 06:33	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/22/25 12:25	08/23/25 06:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*35 - 130*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
2-Fluorobiphenyl	*100*		*43 - 130*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
2-Fluorophenol (Surr)	*42*		*19 - 120*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
2-Fluorobiphenyl	*100*		*43 - 130*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
Nitrobenzene-d5 (Surr)	*98*		*37 - 133*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
Phenol-d5 (Surr)	*30*		*8 - 124*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
p-Terphenyl-d14 (Surr)	*66*		*47 - 130*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
Nitrobenzene-d5 (Surr)	*98*		*37 - 133*	*08/22/25 12:25*	*08/23/25 06:33*	*1*
p-Terphenyl-d14 (Surr)	*66*		*47 - 130*	*08/22/25 12:25*	*08/23/25 06:33*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-44

Date Collected: 08/19/25 09:40
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-4

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000570	U	0.000310	0.0000570	mg/L		08/22/25 13:52	08/25/25 14:50	1
PCB-1221	<0.0000570	U	0.000620	0.0000570	mg/L		08/22/25 13:52	08/25/25 14:50	1
PCB-1232	<0.0000570	U	0.000620	0.0000570	mg/L		08/22/25 13:52	08/25/25 14:50	1
PCB-1242	<0.0000570	U	0.000310	0.0000570	mg/L		08/22/25 13:52	08/25/25 14:50	1
PCB-1248	<0.0000570	U	0.000620	0.0000570	mg/L		08/22/25 13:52	08/25/25 14:50	1
PCB-1254	<0.0000750	U	0.000620	0.0000750	mg/L		08/22/25 13:52	08/25/25 14:50	1
PCB-1260	<0.0000750	U	0.000310	0.0000750	mg/L		08/22/25 13:52	08/25/25 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*134*		*52 - 134*	*08/22/25 13:52*	*08/25/25 14:50*	*1*
DCB Decachlorobiphenyl (Surr)	*117*	*S1+*	*28 - 94*	*08/22/25 13:52*	*08/25/25 14:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		0.500	0.250	mg/L			08/20/25 18:32	1
Nitrate as N	**0.435**		0.100	0.0391	mg/L			08/20/25 18:32	1
Fluoride	**0.727**		0.500	0.100	mg/L			08/20/25 18:32	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 18:32	1
Sulfate	**181**		0.500	0.200	mg/L			08/20/25 18:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**147**		0.200	0.102	mg/L		08/23/25 10:36	08/26/25 11:07	1
Iron	**5.73**		0.200	0.0283	mg/L		08/23/25 10:36	08/26/25 11:07	1
Magnesium	**16.4**		0.200	0.0445	mg/L		08/23/25 10:36	08/26/25 11:07	1
Sodium	**87.5**		0.500	0.152	mg/L		08/23/25 10:36	08/26/25 11:07	1
Sulfur	**54.1**		0.100	0.0370	mg/L		08/23/25 10:36	08/26/25 11:07	1
SiO2	**102**		1.07	0.370	mg/L		08/23/25 10:36	08/26/25 11:07	1
Potassium	**4.93**		0.500	0.106	mg/L		08/23/25 10:36	08/26/25 11:07	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9.19**		0.0200	0.00549	mg/L		08/21/25 11:13	08/22/25 03:19	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/21/25 11:13	08/22/25 03:19	1
Arsenic	**0.00427**		0.00400	0.000690	mg/L		08/21/25 11:13	08/22/25 03:19	1
Barium	**0.0680**		0.00400	0.00134	mg/L		08/21/25 11:13	08/22/25 03:19	1
Beryllium	**0.000385**	**J**	0.00200	0.000271	mg/L		08/21/25 11:13	08/22/25 03:19	1
Boron	**0.150**		0.0100	0.00401	mg/L		08/21/25 11:13	08/22/25 22:14	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/21/25 11:13	08/22/25 03:19	1
Chromium	**0.00893**		0.00400	0.000560	mg/L		08/21/25 11:13	08/22/25 03:19	1
Cobalt	**0.00208**		0.00200	0.000355	mg/L		08/21/25 11:13	08/22/25 03:19	1
Copper	**0.00445**		0.00400	0.00100	mg/L		08/21/25 11:13	08/22/25 03:19	1
Lead	**0.00249**		0.00200	0.000367	mg/L		08/21/25 11:13	08/22/25 03:19	1
Manganese	**0.0940**		0.00200	0.000759	mg/L		08/21/25 11:13	08/22/25 03:19	1
Molybdenum	**0.00419**		0.00200	0.000255	mg/L		08/21/25 11:13	08/22/25 03:19	1
Nickel	**0.00526**		0.00200	0.000528	mg/L		08/21/25 11:13	08/22/25 03:19	1
Selenium	**0.0231**		0.00200	0.000590	mg/L		08/21/25 11:13	08/22/25 03:19	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/21/25 11:13	08/22/25 03:19	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/21/25 11:13	08/22/25 03:19	1
Uranium	**0.00281**		0.00100	0.000211	mg/L		08/21/25 11:13	08/22/25 03:19	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-44

Lab Sample ID: 860-109447-4
Matrix: Water
Date Collected: 08/19/25 09:40
Date Received: 08/20/25 09:23

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0126**		0.00400	0.00274	mg/L		08/21/25 11:13	08/22/25 03:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 18:22	1
pH (SW846 9040C)	**7.75**	**HF**			SU			08/26/25 17:28	1
Temperature (SW846 9040C)	**23.3**	**HF**			Degrees C			08/26/25 17:28	1
Corrosivity (SW846 9040C)	**7.75**	**HF**			SU			08/26/25 17:28	1
Cyanide, Total (EPA Kelada 01)	**0.00243**	**J**	0.00500	0.00198	mg/L			08/22/25 14:21	1
Total Cations (SM 1030E)	**12.6**				meq/L			08/26/25 11:07	1
Total Anions (SM 1030E)	**15.1**				meq/L			08/26/25 11:07	1
Percent Difference (SM 1030E)	**-8.94**				%			08/26/25 11:07	1
Alkalinity (SM 2320B)	**124**		4.00	4.00	mg/L			08/27/25 18:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**124**		4.00	4.00	mg/L			08/27/25 18:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 18:44	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 18:44	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 18:44	1
Total Dissolved Solids (SM 2540C)	**803**		10.0	10.0	mg/L			08/26/25 12:50	1

Client Sample ID: TMW-16

Lab Sample ID: 860-109447-5
Matrix: Water
Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/26/25 08:12	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/26/25 08:12	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/26/25 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/26/25 08:12*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/26/25 08:12*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 17:41	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 17:41	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 17:41	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 17:41	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 17:41	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 17:41	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 17:41	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 17:41	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 17:41	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 17:41	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-16

Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 17:41	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 17:41	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 17:41	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 17:41	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 17:41	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 17:41	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 17:41	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 17:41	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 17:41	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 17:41	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 17:41	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 17:41	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/23/25 17:41*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*08/23/25 17:41*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 17:41*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/23/25 17:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/22/25 12:25	08/23/25 07:01	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/22/25 12:25	08/23/25 07:01	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/22/25 12:25	08/23/25 07:01	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 07:01	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/23/25 07:01	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/22/25 12:25	08/23/25 07:01	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/22/25 12:25	08/23/25 07:01	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/23/25 07:01	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/23/25 07:01	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/22/25 12:25	08/23/25 07:01	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/22/25 12:25	08/23/25 07:01	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/22/25 12:25	08/23/25 07:01	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/22/25 12:25	08/23/25 07:01	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/22/25 12:25	08/23/25 07:01	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/22/25 12:25	08/23/25 07:01	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/22/25 12:25	08/23/25 07:01	1
Styrene	<1.59	U *+	2.29	1.59	ug/L		08/22/25 12:25	08/23/25 07:01	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/22/25 12:25	08/23/25 07:01	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/22/25 12:25	08/23/25 07:01	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/22/25 12:25	08/23/25 07:01	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/22/25 12:25	08/23/25 07:01	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/22/25 12:25	08/23/25 07:01	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/22/25 12:25	08/23/25 07:01	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/22/25 12:25	08/23/25 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*35 - 130*	*08/22/25 12:25*	*08/23/25 07:01*	*1*
2-Fluorobiphenyl	*97*		*43 - 130*	*08/22/25 12:25*	*08/23/25 07:01*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-16
Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	35		19 - 120	08/22/25 12:25	08/23/25 07:01	1
2-Fluorobiphenyl	97		43 - 130	08/22/25 12:25	08/23/25 07:01	1
Nitrobenzene-d5 (Surr)	94		37 - 133	08/22/25 12:25	08/23/25 07:01	1
Phenol-d5 (Surr)	22		8 - 124	08/22/25 12:25	08/23/25 07:01	1
p-Terphenyl-d14 (Surr)	85		47 - 130	08/22/25 12:25	08/23/25 07:01	1
Nitrobenzene-d5 (Surr)	94		37 - 133	08/22/25 12:25	08/23/25 07:01	1
p-Terphenyl-d14 (Surr)	85		47 - 130	08/22/25 12:25	08/23/25 07:01	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:01	1
PCB-1221	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:01	1
PCB-1232	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:01	1
PCB-1242	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:01	1
PCB-1248	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:01	1
PCB-1254	<0.0000748	U	0.000619	0.0000748	mg/L		08/22/25 13:52	08/25/25 15:01	1
PCB-1260	<0.0000748	U	0.000309	0.0000748	mg/L		08/22/25 13:52	08/25/25 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	141	S1+	52 - 134	08/22/25 13:52	08/25/25 15:01	1
DCB Decachlorobiphenyl (Surr)	119	S1+	28 - 94	08/22/25 13:52	08/25/25 15:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.22**		0.100	0.0391	mg/L			08/20/25 18:44	1
Fluoride	**0.501**		0.500	0.100	mg/L			08/20/25 18:44	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 18:44	1
Sulfate	**101**		0.500	0.200	mg/L			08/20/25 18:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**811**		5.00	2.50	mg/L			08/20/25 18:51	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**342**		10.0	5.08	mg/L		08/23/25 10:36	08/26/25 11:17	50
Iron	**1.08**		0.200	0.0283	mg/L		08/23/25 10:36	08/26/25 11:09	1
Magnesium	**51.3**		0.200	0.0445	mg/L		08/23/25 10:36	08/26/25 11:09	1
Sodium	**143**		0.500	0.152	mg/L		08/23/25 10:36	08/26/25 11:09	1
Sulfur	**31.6**		0.100	0.0370	mg/L		08/23/25 10:36	08/26/25 11:09	1
SiO2	**77.0**		1.07	0.370	mg/L		08/23/25 10:36	08/26/25 11:09	1
Potassium	**4.72**		0.500	0.106	mg/L		08/23/25 10:36	08/26/25 11:09	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.73**		0.0200	0.00549	mg/L		08/21/25 11:00	08/22/25 03:12	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/21/25 11:00	08/22/25 03:12	1
Arsenic	**0.00299**	**J**	0.00400	0.000690	mg/L		08/21/25 11:00	08/22/25 03:12	1
Barium	**0.167**		0.00400	0.00134	mg/L		08/21/25 11:00	08/22/25 03:12	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/21/25 11:00	08/22/25 03:12	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-16

Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-5

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.133**		0.0100	0.00401	mg/L		08/21/25 11:00	08/22/25 22:03	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/21/25 11:00	08/22/25 03:12	1
Chromium	**0.00200**	**J**	0.00400	0.000560	mg/L		08/21/25 11:00	08/22/25 03:12	1
Cobalt	**0.000560**	**J**	0.00200	0.000355	mg/L		08/21/25 11:00	08/22/25 03:12	1
Copper	**0.00119**	**J**	0.00400	0.00100	mg/L		08/21/25 11:00	08/22/25 03:12	1
Lead	**0.000647**	**J**	0.00200	0.000367	mg/L		08/21/25 11:00	08/22/25 03:12	1
Manganese	**0.0187**		0.00200	0.000759	mg/L		08/21/25 11:00	08/22/25 03:12	1
Molybdenum	**0.000845**	**J**	0.00200	0.000255	mg/L		08/21/25 11:00	08/22/25 03:12	1
Nickel	**0.00184**	**J**	0.00200	0.000528	mg/L		08/21/25 11:00	08/22/25 03:12	1
Selenium	**0.0119**		0.00200	0.000590	mg/L		08/21/25 11:00	08/22/25 03:12	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/21/25 11:00	08/22/25 03:12	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/21/25 11:00	08/22/25 03:12	1
Uranium	**0.00342**		0.00100	0.000211	mg/L		08/21/25 11:00	08/22/25 03:12	1
Zinc	**0.00288**	**J**	0.00400	0.00274	mg/L		08/21/25 11:00	08/22/25 03:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 19:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 18:24	1
pH (SW846 9040C)	**7.38**	**HF**			SU			08/26/25 17:34	1
Temperature (SW846 9040C)	**22.9**	**HF**			Degrees C			08/26/25 17:34	1
Corrosivity (SW846 9040C)	**7.38**	**HF**			SU			08/26/25 17:34	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 14:24	1
Total Cations (SM 1030E)	**27.6**				meq/L			08/26/25 11:17	1
Total Anions (SM 1030E)	**30.9**				meq/L			08/26/25 11:17	1
Percent Difference (SM 1030E)	**-5.66**				%			08/26/25 11:17	1
Alkalinity (SM 2320B)	**161**		4.00	4.00	mg/L			08/26/25 14:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**161**		4.00	4.00	mg/L			08/26/25 14:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:24	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:24	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/26/25 14:24	1
Total Dissolved Solids (SM 2540C)	**2260**		20.0	20.0	mg/L			08/26/25 12:50	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-109447-1	TMW-43	103	102	102	103
860-109447-2	TMW-21	106	98	104	101
860-109447-3	TMW-24	105	97	104	100
860-109447-4	TMW-44	104	101	102	102
860-109447-5	TMW-16	105	96	102	99
LCS 860-257224/3	Lab Control Sample	97	95	97	98
LCSD 860-257224/4	Lab Control Sample Dup	97	98	95	98
MB 860-257224/8	Method Blank	103	101	102	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
860-109447-1	TMW-43	95	100
860-109447-2	TMW-21	94	100
860-109447-3	TMW-24	91	97
860-109447-4	TMW-44	95	97
860-109447-5	TMW-16	97	100
LCS 860-257084/3	Lab Control Sample	96	96
LCS 860-257577/3	Lab Control Sample	97	99
LCSD 860-257084/4	Lab Control Sample Dup	91	96
LCSD 860-257577/4	Lab Control Sample Dup	96	103
MB 860-257084/6	Method Blank	96	101
MB 860-257577/6	Method Blank	97	98

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	2FP	FBP	FBP	PHL	NBZ	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(19-120)	(43-130)	(43-130)	(8-124)	(37-133)	(37-133)	(47-130)
860-109447-1	TMW-43	96	39	91	91	25	85	85	87
860-109447-2	TMW-21	94	37	93	93	22	91	91	93
860-109447-3	TMW-24	83	36	87	87	22	79	79	87
860-109447-4	TMW-44	106	42	100	100	30	98	98	66
860-109447-5	TMW-16	89	35	97	97	22	94	94	85
LCS 860-257030/2-A	Lab Control Sample	89	94	88	88	97	85	85	88
LCS 860-257030/4-A	Lab Control Sample	82	86	83	83	85	83	83	79
LCSD 860-257030/3-A	Lab Control Sample Dup	92	87	85	85	88	83	83	85

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109447-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
LCSD 860-257030/5-A	Lab Control Sample Dup	80	86	83	83	88	83	83	80
MB 860-257030/1-A	Method Blank	87	94	84	84	90	84	84	86

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-109447-1	TMW-43	87
860-109447-2	TMW-21	93
860-109447-3	TMW-24	87
860-109447-4	TMW-44	66
860-109447-5	TMW-16	85
LCS 860-257030/2-A	Lab Control Sample	88
LCS 860-257030/4-A	Lab Control Sample	79
LCSD 860-257030/3-A	Lab Control Sample Dup	85
LCSD 860-257030/5-A	Lab Control Sample Dup	80
MB 860-257030/1-A	Method Blank	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)
860-109447-1	TMW-43	175 S1+	147 S1+
860-109447-2	TMW-21	118	98 S1+
860-109447-3	TMW-24	131	111 S1+
860-109447-4	TMW-44	134	117 S1+
860-109447-5	TMW-16	141 S1+	119 S1+
LCS 860-257054/4-A	Lab Control Sample	81	73
LCSD 860-257054/5-A	Lab Control Sample Dup	79	72
MB 860-257054/1-A	Method Blank	84	76

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-257224/8
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 14:57	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 14:57	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 14:57	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 14:57	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 14:57	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 14:57	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 14:57	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 14:57	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 14:57	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 14:57	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 14:57	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 14:57	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 14:57	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 14:57	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 14:57	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 14:57	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 14:57	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 14:57	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 14:57	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 14:57	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 14:57	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 14:57	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 14:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/23/25 14:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/23/25 14:57*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 14:57*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/23/25 14:57*	*1*

Lab Sample ID: LCS 860-257224/3
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05373		mg/L		107	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04544		mg/L		91	74 - 125
1,1,2-Trichloroethane	0.0500	0.04827		mg/L		97	75 - 130
1,1-Dichloroethane	0.0500	0.04764		mg/L		95	71 - 130
1,1-Dichloroethene	0.0500	0.04664		mg/L		93	50 - 150
1,2-Dibromoethane	0.0500	0.04842		mg/L		97	73 - 125
1,2-Dichloroethane	0.0500	0.04938		mg/L		99	72 - 130
1,2-Dichloropropane	0.0500	0.04897		mg/L		98	74 - 125
Benzene	0.0500	0.04978		mg/L		100	75 - 125
Carbon tetrachloride	0.0500	0.05300		mg/L		106	70 - 125
Chloroform	0.0500	0.05006		mg/L		100	70 - 121
Ethylbenzene	0.0500	0.05371		mg/L		107	75 - 125
MTBE	0.0500	0.04769		mg/L		95	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-257224/3
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.04488		mg/L		90	71 - 125		
Tetrachloroethene			0.0500	0.05414		mg/L		108	71 - 125		
Toluene			0.0500	0.05082		mg/L		102	75 - 130		
Trichloroethene			0.0500	0.05196		mg/L		104	75 - 135		
Vinyl chloride			0.0500	0.04529		mg/L		91	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.04866		mg/L		97	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.04818		mg/L		96	75 - 125		
o-Xylene			0.0500	0.05373		mg/L		107	75 - 125		
m,p-Xylenes			0.0500	0.05391		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-257224/4
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.04885		mg/L		98	70 - 130	10	25
1,1,2,2-Tetrachloroethane			0.0500	0.04449		mg/L		89	74 - 125	2	25
1,1,2-Trichloroethane			0.0500	0.04507		mg/L		90	75 - 130	7	25
1,1-Dichloroethane			0.0500	0.04416		mg/L		88	71 - 130	8	25
1,1-Dichloroethene			0.0500	0.04358		mg/L		87	50 - 150	7	25
1,2-Dibromoethane			0.0500	0.04604		mg/L		92	73 - 125	5	25
1,2-Dichloroethane			0.0500	0.04628		mg/L		93	72 - 130	6	25
1,2-Dichloropropane			0.0500	0.04617		mg/L		92	74 - 125	6	25
Benzene			0.0500	0.04720		mg/L		94	75 - 125	5	25
Carbon tetrachloride			0.0500	0.04740		mg/L		95	70 - 125	11	25
Chloroform			0.0500	0.04718		mg/L		94	70 - 121	6	25
Ethylbenzene			0.0500	0.05079		mg/L		102	75 - 125	6	25
MTBE			0.0500	0.04428		mg/L		89	65 - 135	7	25
Methylene Chloride			0.0500	0.04152		mg/L		83	71 - 125	8	25
Tetrachloroethene			0.0500	0.05181		mg/L		104	71 - 125	4	25
Toluene			0.0500	0.04816		mg/L		96	75 - 130	5	25
Trichloroethene			0.0500	0.04819		mg/L		96	75 - 135	8	25
Vinyl chloride			0.0500	0.04200		mg/L		84	60 - 140	8	25
cis-1,2-Dichloroethene			0.0500	0.04562		mg/L		91	75 - 125	6	25
trans-1,2-Dichloroethene			0.0500	0.04468		mg/L		89	75 - 125	8	25
o-Xylene			0.0500	0.05074		mg/L		101	75 - 125	6	25
m,p-Xylenes			0.0500	0.05188		mg/L		104	75 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-257224/4
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	98		80 - 120

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-257084/6
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 07:43	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 07:43	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 07:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		70 - 130		08/23/25 07:43	1
4-Bromofluorobenzene (Surr)	101		70 - 130		08/23/25 07:43	1

Lab Sample ID: LCS 860-257084/3
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 860-257084/4
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	91		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 860-257577/6
Matrix: Water
Analysis Batch: 257577

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/26/25 07:52	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/26/25 07:52	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/26/25 07:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		70 - 130		08/26/25 07:52	1
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/25 07:52	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-257577/3
Matrix: Water
Analysis Batch: 257577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 860-257577/4
Matrix: Water
Analysis Batch: 257577

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-257030/1-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257030

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/22/25 12:25	08/22/25 18:02	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/22/25 12:25	08/22/25 18:02	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/22/25 12:25	08/22/25 18:02	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/22/25 18:02	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/22/25 12:25	08/22/25 18:02	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/22/25 12:25	08/22/25 18:02	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/22/25 12:25	08/22/25 18:02	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/22/25 12:25	08/22/25 18:02	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/22/25 12:25	08/22/25 18:02	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/22/25 12:25	08/22/25 18:02	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/22/25 12:25	08/22/25 18:02	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/22/25 12:25	08/22/25 18:02	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/22/25 12:25	08/22/25 18:02	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/22/25 12:25	08/22/25 18:02	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/22/25 12:25	08/22/25 18:02	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/22/25 12:25	08/22/25 18:02	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/22/25 12:25	08/22/25 18:02	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/22/25 12:25	08/22/25 18:02	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/22/25 12:25	08/22/25 18:02	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/22/25 12:25	08/22/25 18:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		35 - 130	08/22/25 12:25	08/22/25 18:02	1
2-Fluorophenol (Surr)	94		19 - 120	08/22/25 12:25	08/22/25 18:02	1
2-Fluorobiphenyl	84		43 - 130	08/22/25 12:25	08/22/25 18:02	1
Phenol-d5 (Surr)	90		8 - 124	08/22/25 12:25	08/22/25 18:02	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-257030/1-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257030

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	84		37 - 133	08/22/25 12:25	08/22/25 18:02	1
p-Terphenyl-d14 (Surr)	86		47 - 130	08/22/25 12:25	08/22/25 18:02	1

Lab Sample ID: LCS 860-257030/2-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	6.077		ug/L		106	52 - 125
1,2,4-Trichlorobenzene	5.71	5.601		ug/L		98	55 - 120
2-Methylnaphthalene	5.71	5.957		ug/L		104	33 - 149
Acenaphthene	5.71	5.548		ug/L		97	48 - 136
1,2-Dichlorobenzene	5.71	5.633		ug/L		99	65 - 130
Acenaphthylene	5.71	5.780		ug/L		101	40 - 149
Anthracene	5.71	5.321		ug/L		93	51 - 146
Benzo[a]anthracene	5.71	4.906		ug/L		86	43 - 145
Benzo[a]pyrene	5.71	5.803		ug/L		102	52 - 136
1,4-Dichlorobenzene	5.71	5.634		ug/L		99	60 - 150
Benzo[b]fluoranthene	5.71	5.617		ug/L		98	45 - 140
Atrazine	5.71	6.137		ug/L		107	46 - 148
Benzo[g,h,i]perylene	5.71	5.327		ug/L		93	44 - 137
Benzo[k]fluoranthene	5.71	5.640		ug/L		99	37 - 140
Pentachlorophenol	5.71	6.194		ug/L		108	33 - 150
Chrysene	5.71	5.446		ug/L		95	47 - 137
Dibenz(a,h)anthracene	5.71	5.729		ug/L		100	50 - 147
Fluoranthene	5.71	5.402		ug/L		95	50 - 144
Fluorene	5.71	5.731		ug/L		100	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	5.365		ug/L		94	46 - 138
Naphthalene	5.71	5.901		ug/L		103	35 - 141
Phenanthrene	5.71	5.068		ug/L		89	54 - 141
Pyrene	5.71	5.885		ug/L		103	50 - 143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		35 - 130
2-Fluorophenol (Surr)	94		19 - 120
2-Fluorobiphenyl	88		43 - 130
Phenol-d5 (Surr)	97		8 - 124
Nitrobenzene-d5 (Surr)	85		37 - 133
p-Terphenyl-d14 (Surr)	88		47 - 130

Lab Sample ID: LCS 860-257030/4-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	22.9	35.01	*+	ug/L		153	35 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-257030/4-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257030

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	82		35 - 130
2-Fluorophenol (Surr)	86		19 - 120
2-Fluorobiphenyl	83		43 - 130
Phenol-d5 (Surr)	85		8 - 124
Nitrobenzene-d5 (Surr)	83		37 - 133
p-Terphenyl-d14 (Surr)	79		47 - 130

Lab Sample ID: LCSD 860-257030/3-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257030

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	5.710		ug/L		100	52 - 125	6	30
1,2,4-Trichlorobenzene			5.71	5.679		ug/L		99	55 - 120	1	30
2-Methylnaphthalene			5.71	5.992		ug/L		105	33 - 149	1	30
Acenaphthene			5.71	5.448		ug/L		95	48 - 136	2	30
1,2-Dichlorobenzene			5.71	5.310		ug/L		93	65 - 130	6	30
Acenaphthylene			5.71	5.620		ug/L		98	40 - 149	3	30
Anthracene			5.71	5.187		ug/L		91	51 - 146	3	30
Benzo[a]anthracene			5.71	4.667		ug/L		82	43 - 145	5	30
Benzo[a]pyrene			5.71	5.626		ug/L		98	52 - 136	3	30
1,4-Dichlorobenzene			5.71	5.543		ug/L		97	60 - 150	2	30
Benzo[b]fluoranthene			5.71	5.330		ug/L		93	45 - 140	5	30
Atrazine			5.71	6.093		ug/L		107	46 - 148	1	30
Benzo[g,h,i]perylene			5.71	5.167		ug/L		90	44 - 137	3	30
Benzo[k]fluoranthene			5.71	5.508		ug/L		96	37 - 140	2	30
Pentachlorophenol			5.71	5.857		ug/L		102	33 - 150	6	30
Chrysene			5.71	5.390		ug/L		94	47 - 137	1	30
Dibenz(a,h)anthracene			5.71	5.664		ug/L		99	50 - 147	1	30
Fluoranthene			5.71	5.364		ug/L		94	50 - 144	1	30
Fluorene			5.71	5.465		ug/L		96	54 - 136	5	30
Indeno[1,2,3-cd]pyrene			5.71	5.122		ug/L		90	46 - 138	5	30
Naphthalene			5.71	5.753		ug/L		101	35 - 141	3	30
Phenanthrene			5.71	4.989		ug/L		87	54 - 141	2	30
Pyrene			5.71	5.642		ug/L		99	50 - 143	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	92		35 - 130
2-Fluorophenol (Surr)	87		19 - 120
2-Fluorobiphenyl	85		43 - 130
Phenol-d5 (Surr)	88		8 - 124
Nitrobenzene-d5 (Surr)	83		37 - 133
p-Terphenyl-d14 (Surr)	85		47 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-257030/5-A
Matrix: Water
Analysis Batch: 256940

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257030

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	35.40	*+	ug/L		155	35 - 130	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*35 - 130*
2-Fluorophenol (Surr)	*86*		*19 - 120*
2-Fluorobiphenyl	*83*		*43 - 130*
Phenol-d5 (Surr)	*88*		*8 - 124*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*
p-Terphenyl-d14 (Surr)	*80*		*47 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-257054/1-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000583	U	0.000317	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1221	<0.0000583	U	0.000635	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1232	<0.0000583	U	0.000635	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1242	<0.0000583	U	0.000317	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1248	<0.0000583	U	0.000635	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1254	<0.0000767	U	0.000635	0.0000767	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1260	<0.0000767	U	0.000317	0.0000767	mg/L		08/22/25 13:52	08/25/25 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*52 - 134*	*08/22/25 13:52*	*08/25/25 11:03*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*28 - 94*	*08/22/25 13:52*	*08/25/25 11:03*	*1*

Lab Sample ID: LCS 860-257054/4-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257054

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00644	0.005995		mg/L		93	75 - 135		
PCB-1260			0.00644	0.005779		mg/L		90	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*73*		*28 - 94*

Lab Sample ID: LCSD 860-257054/5-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257054

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00625	0.005760		mg/L		92	75 - 135	4	20
PCB-1260			0.00625	0.005443		mg/L		87	65 - 115	6	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	*79*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*72*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-256374/3
Matrix: Water
Analysis Batch: 256374

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/20/25 09:49	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/20/25 09:49	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/20/25 09:49	1

Lab Sample ID: MB 860-256374/43
Matrix: Water
Analysis Batch: 256374

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/20/25 14:17	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/20/25 14:17	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/20/25 14:17	1

Lab Sample ID: LCS 860-256374/44
Matrix: Water
Analysis Batch: 256374

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.196		mg/L		92	90 - 110
Fluoride	10.0	9.776		mg/L		98	90 - 110
Sulfate	10.0	9.064		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-256374/45
Matrix: Water
Analysis Batch: 256374

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.538		mg/L		95	90 - 110	4	20
Fluoride	10.0	10.04		mg/L		100	90 - 110	3	20
Sulfate	10.0	9.345		mg/L		93	90 - 110	3	20

Lab Sample ID: LLCS 860-256374/7
Matrix: Water
Analysis Batch: 256374

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5869		mg/L		117	50 - 150
Fluoride	0.500	0.3879	J	mg/L		78	50 - 150
Sulfate	0.500	0.5520		mg/L		110	50 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-256375/3
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/20/25 09:49	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 09:49	1

Lab Sample ID: MB 860-256375/43
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/20/25 14:17	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/20/25 14:17	1

Lab Sample ID: LCS 860-256375/44
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.798		mg/L		98	90 - 110
Nitrite as N	10.0	9.698		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-256375/45
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.03		mg/L		100	90 - 110	2	20
Nitrite as N	10.0	9.946		mg/L		99	90 - 110	3	20

Lab Sample ID: LLCS 860-256375/6
Matrix: Water
Analysis Batch: 256375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.08864	J	mg/L		89	50 - 150
Nitrite as N	0.100	<0.0699	U	mg/L		55	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-257149/15-B
Matrix: Water
Analysis Batch: 257880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/23/25 10:35	08/26/25 10:07	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/23/25 10:35	08/26/25 10:07	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/23/25 10:35	08/26/25 10:07	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/23/25 10:35	08/26/25 10:07	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/23/25 10:35	08/26/25 10:07	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/23/25 10:35	08/26/25 10:07	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/23/25 10:35	08/26/25 10:07	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-257149/16-B
Matrix: Water
Analysis Batch: 257880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.60		mg/L		102	80 - 120
Iron	5.00	4.900		mg/L		98	80 - 120
Magnesium	25.0	25.20		mg/L		101	80 - 120
Sodium	25.0	24.80		mg/L		99	80 - 120
Sulfur	5.00	4.930		mg/L		99	80 - 125
SiO2	21.4	22.47		mg/L		105	80 - 120
Potassium	10.0	9.930		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-257149/17-B
Matrix: Water
Analysis Batch: 257880

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.60		mg/L		102	80 - 120	0	20
Iron	5.00	4.870		mg/L		97	80 - 120	1	20
Magnesium	25.0	25.20		mg/L		101	80 - 120	0	20
Sodium	25.0	24.80		mg/L		99	80 - 120	0	20
Sulfur	5.00	4.940		mg/L		99	80 - 125	0	20
SiO2	21.4	22.68		mg/L		106	80 - 120	1	20
Potassium	10.0	9.940		mg/L		99	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-256698/1-A
Matrix: Water
Analysis Batch: 256965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256698

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/21/25 11:00	08/22/25 02:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/21/25 11:00	08/22/25 02:15	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/21/25 11:00	08/22/25 02:15	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/21/25 11:00	08/22/25 02:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/21/25 11:00	08/22/25 02:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/21/25 11:00	08/22/25 02:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/21/25 11:00	08/22/25 02:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/21/25 11:00	08/22/25 02:15	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/21/25 11:00	08/22/25 02:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/21/25 11:00	08/22/25 02:15	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/21/25 11:00	08/22/25 02:15	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/21/25 11:00	08/22/25 02:15	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/21/25 11:00	08/22/25 02:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/21/25 11:00	08/22/25 02:15	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/21/25 11:00	08/22/25 02:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/21/25 11:00	08/22/25 02:15	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/21/25 11:00	08/22/25 02:15	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/21/25 11:00	08/22/25 02:15	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-256698/1-A
Matrix: Water
Analysis Batch: 257456

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256698

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/21/25 11:00	08/22/25 21:39	1

Lab Sample ID: LCS 860-256698/2-A
Matrix: Water
Analysis Batch: 256965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256698

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5064		mg/L		101	80 - 120
Antimony	0.100	0.09225		mg/L		92	80 - 120
Arsenic	0.100	0.1021		mg/L		102	80 - 120
Barium	0.100	0.1022		mg/L		102	80 - 120
Beryllium	0.100	0.09701		mg/L		97	80 - 120
Cadmium	0.100	0.1000		mg/L		100	80 - 120
Chromium	0.100	0.1016		mg/L		102	80 - 120
Cobalt	0.100	0.1003		mg/L		100	80 - 120
Copper	0.100	0.09939		mg/L		99	80 - 120
Lead	0.100	0.1019		mg/L		102	80 - 120
Manganese	0.100	0.1008		mg/L		101	80 - 120
Molybdenum	0.100	0.09733		mg/L		97	80 - 120
Nickel	0.100	0.1009		mg/L		101	80 - 120
Selenium	0.100	0.1018		mg/L		102	80 - 120
Silver	0.0500	0.05114		mg/L		102	80 - 120
Thallium	0.100	0.1047		mg/L		105	80 - 120
Uranium	0.0250	0.02579		mg/L		103	80 - 120
Zinc	0.100	0.1007		mg/L		101	80 - 120

Lab Sample ID: LCS 860-256698/2-A
Matrix: Water
Analysis Batch: 257456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256698

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09524		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-256698/3-A
Matrix: Water
Analysis Batch: 256965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256698

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5216		mg/L		104	80 - 120	3	20
Antimony	0.100	0.09281		mg/L		93	80 - 120	1	20
Arsenic	0.100	0.1006		mg/L		101	80 - 120	1	20
Barium	0.100	0.1014		mg/L		101	80 - 120	1	20
Beryllium	0.100	0.09697		mg/L		97	80 - 120	0	20
Cadmium	0.100	0.09884		mg/L		99	80 - 120	1	20
Chromium	0.100	0.09998		mg/L		100	80 - 120	2	20
Cobalt	0.100	0.09927		mg/L		99	80 - 120	1	20
Copper	0.100	0.09837		mg/L		98	80 - 120	1	20
Lead	0.100	0.1020		mg/L		102	80 - 120	0	20
Manganese	0.100	0.1007		mg/L		101	80 - 120	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-256698/3-A
Matrix: Water
Analysis Batch: 256965

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256698

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Molybdenum			0.100	0.09688		mg/L		97	80 - 120	0	20
Nickel			0.100	0.09991		mg/L		100	80 - 120	1	20
Selenium			0.100	0.1013		mg/L		101	80 - 120	0	20
Silver			0.0500	0.05014		mg/L		100	80 - 120	2	20
Thallium			0.100	0.1059		mg/L		106	80 - 120	1	20
Uranium			0.0250	0.02578		mg/L		103	80 - 120	0	20
Zinc			0.100	0.09865		mg/L		99	80 - 120	2	20

Lab Sample ID: LCSD 860-256698/3-A
Matrix: Water
Analysis Batch: 257456

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256698

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.09685		mg/L		97	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-256718/10-A
Matrix: Water
Analysis Batch: 256874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256718

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/21/25 11:46	08/21/25 18:08	1

Lab Sample ID: LCS 860-256718/11-A
Matrix: Water
Analysis Batch: 256874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256718

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001932		mg/L		97	80 - 120		

Lab Sample ID: LCSD 860-256718/12-A
Matrix: Water
Analysis Batch: 256874

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256718

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001965		mg/L		98	80 - 120	2	20

Lab Sample ID: MB 860-257074/1-A
Matrix: Water
Analysis Batch: 257171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257074

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 14:54	08/22/25 20:20	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 860-257074/2-A
Matrix: Water
Analysis Batch: 257171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257074

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001935		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-257074/3-A
Matrix: Water
Analysis Batch: 257171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257074

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001976		mg/L		99	80 - 120	2	20

Lab Sample ID: MB 860-257508/1-A
Matrix: Water
Analysis Batch: 257944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/25/25 13:35	08/25/25 21:30	1

Lab Sample ID: LCS 860-257508/2-A
Matrix: Water
Analysis Batch: 257944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001963		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-257508/3-A
Matrix: Water
Analysis Batch: 257944

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257508

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001998		mg/L		100	80 - 120	2	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-257166/16
Matrix: Water
Analysis Batch: 257166

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/22/25 17:02	1

Lab Sample ID: LCS 860-257166/18
Matrix: Water
Analysis Batch: 257166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09300		mg/L		93	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: LCSD 860-257166/44
Matrix: Water
Analysis Batch: 257166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total			0.100	0.09270		mg/L		93	90 - 110	0	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-257165/24
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 12:45	1

Lab Sample ID: LCS 860-257165/25
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.09910		mg/L		99	90 - 110		

Lab Sample ID: LCSD 860-257165/26
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.1025		mg/L		102	90 - 110	3	20

Lab Sample ID: LLCS 860-257165/27
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.00500	0.004780	J	mg/L		96	50 - 150		

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-257925/3
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/26/25 11:52	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 860-257925/4
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	248.3		mg/L		99	85 - 115		

Lab Sample ID: LCSD 860-257925/5
Matrix: Water
Analysis Batch: 257925

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	251.6		mg/L		101	85 - 115	1	20

Lab Sample ID: MB 860-258349/3
Matrix: Water
Analysis Batch: 258349

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1

Lab Sample ID: LCS 860-258349/4
Matrix: Water
Analysis Batch: 258349

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	250.6		mg/L		100	85 - 115		

Lab Sample ID: LCSD 860-258349/5
Matrix: Water
Analysis Batch: 258349

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	250.5		mg/L		100	85 - 115	0	20

Lab Sample ID: 860-109447-4 DU
Matrix: Water
Analysis Batch: 258349

Client Sample ID: TMW-44
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	124			123.6		mg/L				0.3	20
Bicarbonate Alkalinity as CaCO3	124			123.6		mg/L				0.3	20
Carbonate Alkalinity as CaCO3	<4.00	U		<4.00	U	mg/L				NC	20
Hydroxide Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20
Phenolphthalein Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-257807/1
Matrix: Water
Analysis Batch: 257807

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/26/25 12:50	1

Lab Sample ID: LCS 860-257807/2
Matrix: Water
Analysis Batch: 257807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	950.0		mg/L		95	80 - 120

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

GC/MS VOA

Analysis Batch: 257084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	8260D SIM	
860-109447-2	TMW-21	Total/NA	Water	8260D SIM	
860-109447-3	TMW-24	Total/NA	Water	8260D SIM	
860-109447-4	TMW-44	Total/NA	Water	8260D SIM	
MB 860-257084/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-257084/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-257084/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 257224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	8260D	
860-109447-2	TMW-21	Total/NA	Water	8260D	
860-109447-3	TMW-24	Total/NA	Water	8260D	
860-109447-4	TMW-44	Total/NA	Water	8260D	
860-109447-5	TMW-16	Total/NA	Water	8260D	
MB 860-257224/8	Method Blank	Total/NA	Water	8260D	
LCS 860-257224/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-257224/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 257577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-5	TMW-16	Total/NA	Water	8260D SIM	
MB 860-257577/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-257577/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-257577/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

GC/MS Semi VOA

Analysis Batch: 256940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257030/1-A	Method Blank	Total/NA	Water	8270E	257030
LCS 860-257030/2-A	Lab Control Sample	Total/NA	Water	8270E	257030
LCS 860-257030/4-A	Lab Control Sample	Total/NA	Water	8270E	257030
LCSD 860-257030/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	257030
LCSD 860-257030/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	257030

Prep Batch: 257030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	3511	
860-109447-2	TMW-21	Total/NA	Water	3511	
860-109447-3	TMW-24	Total/NA	Water	3511	
860-109447-4	TMW-44	Total/NA	Water	3511	
860-109447-5	TMW-16	Total/NA	Water	3511	
MB 860-257030/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257030/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-257030/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257030/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-257030/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

GC/MS Semi VOA

Analysis Batch: 257139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	8270E	257030
860-109447-2	TMW-21	Total/NA	Water	8270E	257030
860-109447-3	TMW-24	Total/NA	Water	8270E	257030
860-109447-4	TMW-44	Total/NA	Water	8270E	257030
860-109447-5	TMW-16	Total/NA	Water	8270E	257030

GC Semi VOA

Prep Batch: 257054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	3511	
860-109447-2	TMW-21	Total/NA	Water	3511	
860-109447-3	TMW-24	Total/NA	Water	3511	
860-109447-4	TMW-44	Total/NA	Water	3511	
860-109447-5	TMW-16	Total/NA	Water	3511	
MB 860-257054/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257054/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257054/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	8082A	257054
860-109447-2	TMW-21	Total/NA	Water	8082A	257054
860-109447-3	TMW-24	Total/NA	Water	8082A	257054
860-109447-4	TMW-44	Total/NA	Water	8082A	257054
860-109447-5	TMW-16	Total/NA	Water	8082A	257054
MB 860-257054/1-A	Method Blank	Total/NA	Water	8082A	257054
LCS 860-257054/4-A	Lab Control Sample	Total/NA	Water	8082A	257054
LCSD 860-257054/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	257054

HPLC/IC

Analysis Batch: 256374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	300.0	
860-109447-1 - DL	TMW-43	Total/NA	Water	300.0	
860-109447-2	TMW-21	Total/NA	Water	300.0	
860-109447-3	TMW-24	Total/NA	Water	300.0	
860-109447-4	TMW-44	Total/NA	Water	300.0	
860-109447-5	TMW-16	Total/NA	Water	300.0	
860-109447-5 - DL	TMW-16	Total/NA	Water	300.0	
MB 860-256374/3	Method Blank	Total/NA	Water	300.0	
MB 860-256374/43	Method Blank	Total/NA	Water	300.0	
LCS 860-256374/44	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256374/45	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256374/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 256375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	300.0	
860-109447-2	TMW-21	Total/NA	Water	300.0	
860-109447-3	TMW-24	Total/NA	Water	300.0	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109447-1
Project/Site: EBDU 37

HPLC/IC (Continued)

Analysis Batch: 256375 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-4	TMW-44	Total/NA	Water	300.0	
860-109447-5	TMW-16	Total/NA	Water	300.0	
MB 860-256375/3	Method Blank	Total/NA	Water	300.0	
MB 860-256375/43	Method Blank	Total/NA	Water	300.0	
LCS 860-256375/44	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256375/45	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256375/6	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 256698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	3010A	
860-109447-2	TMW-21	Total/NA	Water	3010A	
860-109447-3	TMW-24	Total/NA	Water	3010A	
860-109447-4	TMW-44	Total/NA	Water	3010A	
860-109447-5	TMW-16	Total/NA	Water	3010A	
MB 860-256698/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-256698/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-256698/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 256718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	7470A	
860-109447-2	TMW-21	Total/NA	Water	7470A	
860-109447-3	TMW-24	Total/NA	Water	7470A	
860-109447-4	TMW-44	Total/NA	Water	7470A	
860-109447-5	TMW-16	Total/NA	Water	7470A	
MB 860-256718/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-256718/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-256718/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 256874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	7470A	256718
860-109447-2	TMW-21	Total/NA	Water	7470A	256718
860-109447-3	TMW-24	Total/NA	Water	7470A	256718
860-109447-4	TMW-44	Total/NA	Water	7470A	256718
860-109447-5	TMW-16	Total/NA	Water	7470A	256718
MB 860-256718/10-A	Method Blank	Total/NA	Water	7470A	256718
LCS 860-256718/11-A	Lab Control Sample	Total/NA	Water	7470A	256718
LCSD 860-256718/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	256718

Analysis Batch: 256965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	6020B	256698
860-109447-2	TMW-21	Total/NA	Water	6020B	256698
860-109447-3	TMW-24	Total/NA	Water	6020B	256698
860-109447-4	TMW-44	Total/NA	Water	6020B	256698
860-109447-5	TMW-16	Total/NA	Water	6020B	256698
MB 860-256698/1-A	Method Blank	Total/NA	Water	6020B	256698

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Metals (Continued)

Analysis Batch: 256965 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-256698/2-A	Lab Control Sample	Total/NA	Water	6020B	256698
LCSD 860-256698/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	256698

Prep Batch: 257074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257074/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-257074/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-257074/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Filtration Batch: 257149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257149/15-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-257149/16-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-257149/17-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Analysis Batch: 257171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257074/1-A	Method Blank	Total/NA	Water	7470A	257074
LCS 860-257074/2-A	Lab Control Sample	Total/NA	Water	7470A	257074
LCSD 860-257074/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	257074

Prep Batch: 257217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	3010A	
860-109447-2	TMW-21	Total/NA	Water	3010A	
860-109447-3	TMW-24	Total/NA	Water	3010A	
860-109447-4	TMW-44	Total/NA	Water	3010A	
860-109447-5	TMW-16	Total/NA	Water	3010A	
MB 860-257149/15-B	Method Blank	Total/NA	Water	3010A	257149
LCS 860-257149/16-B	Lab Control Sample	Total/NA	Water	3010A	257149
LCSD 860-257149/17-B	Lab Control Sample Dup	Total/NA	Water	3010A	257149

Analysis Batch: 257456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	6020B	256698
860-109447-2	TMW-21	Total/NA	Water	6020B	256698
860-109447-3	TMW-24	Total/NA	Water	6020B	256698
860-109447-4	TMW-44	Total/NA	Water	6020B	256698
860-109447-5	TMW-16	Total/NA	Water	6020B	256698
MB 860-256698/1-A	Method Blank	Total/NA	Water	6020B	256698
LCS 860-256698/2-A	Lab Control Sample	Total/NA	Water	6020B	256698
LCSD 860-256698/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	256698

Prep Batch: 257508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257508/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-257508/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-257508/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Metals

Analysis Batch: 257880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	6010D	257217
860-109447-1	TMW-43	Total/NA	Water	6010D	257217
860-109447-2	TMW-21	Total/NA	Water	6010D	257217
860-109447-3	TMW-24	Total/NA	Water	6010D	257217
860-109447-4	TMW-44	Total/NA	Water	6010D	257217
860-109447-5	TMW-16	Total/NA	Water	6010D	257217
860-109447-5	TMW-16	Total/NA	Water	6010D	257217
MB 860-257149/15-B	Method Blank	Total/NA	Water	6010D	257217
LCS 860-257149/16-B	Lab Control Sample	Total/NA	Water	6010D	257217
LCSD 860-257149/17-B	Lab Control Sample Dup	Total/NA	Water	6010D	257217

Analysis Batch: 257944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257508/1-A	Method Blank	Total/NA	Water	7470A	257508
LCS 860-257508/2-A	Lab Control Sample	Total/NA	Water	7470A	257508
LCSD 860-257508/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	257508

General Chemistry

Analysis Batch: 256689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	SM 1030E	
860-109447-2	TMW-21	Total/NA	Water	SM 1030E	
860-109447-3	TMW-24	Total/NA	Water	SM 1030E	
860-109447-4	TMW-44	Total/NA	Water	SM 1030E	
860-109447-5	TMW-16	Total/NA	Water	SM 1030E	

Analysis Batch: 257165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	Kelada 01	
860-109447-2	TMW-21	Total/NA	Water	Kelada 01	
860-109447-3	TMW-24	Total/NA	Water	Kelada 01	
860-109447-4	TMW-44	Total/NA	Water	Kelada 01	
860-109447-5	TMW-16	Total/NA	Water	Kelada 01	
MB 860-257165/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-257165/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-257165/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-257165/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 257166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	420.4	
860-109447-2	TMW-21	Total/NA	Water	420.4	
860-109447-3	TMW-24	Total/NA	Water	420.4	
860-109447-4	TMW-44	Total/NA	Water	420.4	
860-109447-5	TMW-16	Total/NA	Water	420.4	
MB 860-257166/16	Method Blank	Total/NA	Water	420.4	
LCS 860-257166/18	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-257166/44	Lab Control Sample Dup	Total/NA	Water	420.4	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

General Chemistry

Analysis Batch: 257807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	SM 2540C	
860-109447-2	TMW-21	Total/NA	Water	SM 2540C	
860-109447-3	TMW-24	Total/NA	Water	SM 2540C	
860-109447-4	TMW-44	Total/NA	Water	SM 2540C	
860-109447-5	TMW-16	Total/NA	Water	SM 2540C	
MB 860-257807/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-257807/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 257924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	9040C	
860-109447-2	TMW-21	Total/NA	Water	9040C	
860-109447-3	TMW-24	Total/NA	Water	9040C	
860-109447-4	TMW-44	Total/NA	Water	9040C	
860-109447-5	TMW-16	Total/NA	Water	9040C	

Analysis Batch: 257925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	SM 2320B	
860-109447-2	TMW-21	Total/NA	Water	SM 2320B	
860-109447-3	TMW-24	Total/NA	Water	SM 2320B	
860-109447-5	TMW-16	Total/NA	Water	SM 2320B	
MB 860-257925/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-257925/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-257925/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 258349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-4	TMW-44	Total/NA	Water	SM 2320B	
MB 860-258349/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258349/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258349/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-109447-4 DU	TMW-44	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-43
Date Collected: 08/19/25 13:30
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 16:19	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 09:05	NA	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	257030	08/22/25 12:25	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257139	08/23/25 05:07	T1S	EET HOU
Total/NA	Prep	3511			40.4 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 14:16	WP	EET HOU
Total/NA	Analysis	300.0		1			256374	08/20/25 17:41	HN	EET HOU
Total/NA	Analysis	300.0		1			256375	08/20/25 17:41	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			256374	08/20/25 17:47	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257217	08/23/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			257880	08/26/25 10:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257217	08/23/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		50			257880	08/26/25 10:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			256965	08/22/25 03:06	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			257456	08/22/25 21:57	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:12	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 17:58	BW	EET HOU
Total/NA	Analysis	9040C		1			257924	08/26/25 17:40	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 14:12	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256689	08/26/25 10:56	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			257925	08/26/25 14:12	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	257807	08/26/25 12:50	AP	EET HOU

Client Sample ID: TMW-21
Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 16:39	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 09:25	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	257030	08/22/25 12:25	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257139	08/23/25 05:35	T1S	EET HOU
Total/NA	Prep	3511			39.7 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 14:28	WP	EET HOU
Total/NA	Analysis	300.0		1			256374	08/20/25 18:06	HN	EET HOU
Total/NA	Analysis	300.0		1			256375	08/20/25 18:06	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257217	08/23/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			257880	08/26/25 10:51	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			256965	08/22/25 03:09	DP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-21

Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			257456	08/22/25 22:00	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:16	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 18:00	BW	EET HOU
Total/NA	Analysis	9040C		1			257924	08/26/25 17:38	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 14:14	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256689	08/26/25 10:51	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			257925	08/26/25 14:18	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	257807	08/26/25 12:50	AP	EET HOU

Client Sample ID: TMW-24

Date Collected: 08/19/25 11:45
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 17:00	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 09:46	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257030	08/22/25 12:25	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257139	08/23/25 06:04	T1S	EET HOU
Total/NA	Prep	3511			40.4 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 14:39	WP	EET HOU
Total/NA	Analysis	300.0		1			256374	08/20/25 18:19	HN	EET HOU
Total/NA	Analysis	300.0		1			256375	08/20/25 18:19	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257217	08/23/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			257880	08/26/25 10:52	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			256965	08/22/25 03:15	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			257456	08/22/25 22:06	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:26	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 18:03	BW	EET HOU
Total/NA	Analysis	9040C		1			257924	08/26/25 17:36	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 14:18	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256689	08/26/25 10:52	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			257925	08/26/25 14:36	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	257807	08/26/25 12:50	AP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-44

Date Collected: 08/19/25 09:40
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 17:20	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 10:07	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	257030	08/22/25 12:25	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257139	08/23/25 06:33	T1S	EET HOU
Total/NA	Prep	3511			40.3 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 14:50	WP	EET HOU
Total/NA	Analysis	300.0		1			256374	08/20/25 18:32	HN	EET HOU
Total/NA	Analysis	300.0		1			256375	08/20/25 18:32	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257217	08/23/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			257880	08/26/25 11:07	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:13	MD	EET HOU
Total/NA	Analysis	6020B		1			256965	08/22/25 03:19	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:13	MD	EET HOU
Total/NA	Analysis	6020B		1			257456	08/22/25 22:14	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:29	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 18:22	BW	EET HOU
Total/NA	Analysis	9040C		1			257924	08/26/25 17:28	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 14:21	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256689	08/26/25 11:07	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258349	08/27/25 18:44	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	257807	08/26/25 12:50	AP	EET HOU

Client Sample ID: TMW-16

Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 17:41	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257577	08/26/25 08:12	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257030	08/22/25 12:25	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257139	08/23/25 07:01	T1S	EET HOU
Total/NA	Prep	3511			40.4 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 15:01	WP	EET HOU
Total/NA	Analysis	300.0		1			256374	08/20/25 18:44	HN	EET HOU
Total/NA	Analysis	300.0		1			256375	08/20/25 18:44	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			256374	08/20/25 18:51	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257217	08/23/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			257880	08/26/25 11:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257217	08/23/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		50			257880	08/26/25 11:17	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			256965	08/22/25 03:12	DP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Client Sample ID: TMW-16

Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	256698	08/21/25 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			257456	08/22/25 22:03	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256718	08/21/25 11:46	AGR	EET HOU
Total/NA	Analysis	7470A		1			256874	08/21/25 19:33	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257166	08/22/25 18:24	BW	EET HOU
Total/NA	Analysis	9040C		1			257924	08/26/25 17:34	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 14:24	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256689	08/26/25 11:17	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			257925	08/26/25 14:24	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	257807	08/26/25 12:50	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109447-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109447-1	TMW-43	Water	08/19/25 13:30	08/20/25 09:23	Texas
860-109447-2	TMW-21	Water	08/19/25 11:15	08/20/25 09:23	Texas
860-109447-3	TMW-24	Water	08/19/25 11:45	08/20/25 09:23	Texas
860-109447-4	TMW-44	Water	08/19/25 09:40	08/20/25 09:23	Texas
860-109447-5	TMW-16	Water	08/19/25 13:20	08/20/25 09:23	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 8040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-43	8/19/25	1330	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-21	↓	1115	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
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				Water																	
				Water																	
				Water																	
				Water																	

860-109447 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		8/19/25 1436				
	Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-20-25 923	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5.6 / 5.4 Hou 388

V 05 06 024

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8/31/2025
Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 8040C, Callon_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
MW-24	8/19/25	1145	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MW-44	↓	0940	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	X	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/19/25 1430				
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8/20-25 923	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5.3/5.1 How 368

V 05/06/2024

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8/31/2025

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-16	8/19/25	1320	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
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				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	8/19/25 1430				
	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 8-20-25 923	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.1 / 4.1 IR Gun 368

V rt 0 06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109447-1

Login Number: 109447 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/19/2025 10:52:59 AM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109447-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/19/2025 10:52:59 AM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109447-2

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109447-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists
Project: EBDU 37

Job ID: 860-109447-2

Job ID: 860-109447-2 Eurofins Houston

Job Narrative
860-109447-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/20/2025 9:23 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 4.1°C, 5.1°C and 5.4°C.

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 733232

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: TMW-43 (860-109447-1), TMW-21 (860-109447-2), TMW-24 (860-109447-3), TMW-44 (860-109447-4) and TMW-16 (860-109447-5). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium 228 Batch 733170

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. TMW-43 (860-109447-1), TMW-44 (860-109447-4) and TMW-16 (860-109447-5)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Client Sample ID: TMW-43 Lab Sample ID: 860-109447-1

No Detections.

Client Sample ID: TMW-21 Lab Sample ID: 860-109447-2

No Detections.

Client Sample ID: TMW-24 Lab Sample ID: 860-109447-3

No Detections.

Client Sample ID: TMW-44 Lab Sample ID: 860-109447-4

No Detections.

Client Sample ID: TMW-16 Lab Sample ID: 860-109447-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Client Sample ID: TMW-43

Lab Sample ID: 860-109447-1
Matrix: Water
Date Collected: 08/19/25 13:30
Date Received: 08/20/25 09:23

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	7.77	U G	7.12	7.18	3.00	10.9	pCi/L	08/22/25 08:47	08/25/25 21:08	1
Gross Beta	4.12	U G	3.07	3.10	4.00	4.65	pCi/L	08/22/25 08:47	08/25/25 21:08	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.02**		0.402	0.413	1.00	0.414	pCi/L	08/22/25 08:15	09/18/25 15:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/22/25 08:15*	*09/18/25 15:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.00**	**G**	0.976	0.993	1.00	1.36	pCi/L	08/22/25 08:25	09/18/25 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:24*	*1*
Y Carrier	*78.5*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:24*	*1*

Client Sample ID: TMW-21

Lab Sample ID: 860-109447-2
Matrix: Water
Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	5.22	U G	5.12	5.15	3.00	8.08	pCi/L	08/22/25 08:47	08/25/25 21:17	1
Gross Beta	**7.79**		2.47	2.59	4.00	3.07	pCi/L	08/22/25 08:47	08/25/25 21:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.516**		0.304	0.307	1.00	0.373	pCi/L	08/22/25 08:15	09/18/25 15:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*08/22/25 08:15*	*09/18/25 15:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.570	U	0.470	0.473	1.00	0.733	pCi/L	08/22/25 08:25	09/18/25 11:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.8*		*30 - 110*	*08/22/25 08:25*	*09/18/25 11:53*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109447-2
Project/Site: EBDU 37

Client Sample ID: TMW-21
Lab Sample ID: 860-109447-2
Date Collected: 08/19/25 11:15
Matrix: Water
Date Received: 08/20/25 09:23

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	83.4		30 - 110	08/22/25 08:25	09/18/25 11:53	1

Client Sample ID: TMW-24
Lab Sample ID: 860-109447-3
Date Collected: 08/19/25 11:45
Matrix: Water
Date Received: 08/20/25 09:23

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	9.63	U G	6.78	6.87	3.00	9.92	pCi/L	08/22/25 08:47	08/25/25 21:17	1
Gross Beta	**5.56**		2.76	2.82	4.00	3.96	pCi/L	08/22/25 08:47	08/25/25 21:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.485**		0.280	0.283	1.00	0.370	pCi/L	08/22/25 08:15	09/18/25 15:37	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110	08/22/25 08:15	09/18/25 15:37	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.680	U	0.520	0.524	1.00	0.803	pCi/L	08/22/25 08:25	09/18/25 15:26	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110	08/22/25 08:25	09/18/25 15:26	1
Y Carrier	86.7		30 - 110	08/22/25 08:25	09/18/25 15:26	1

Client Sample ID: TMW-44
Lab Sample ID: 860-109447-4
Date Collected: 08/19/25 09:40
Matrix: Water
Date Received: 08/20/25 09:23

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**17.2**	**G**	10.1	10.3	3.00	14.6	pCi/L	08/22/25 08:47	08/25/25 21:17	1
Gross Beta	**12.2**	**G**	3.51	3.72	4.00	4.30	pCi/L	08/22/25 08:47	08/25/25 21:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.781	U	0.645	0.649	1.00	0.952	pCi/L	08/22/25 08:15	09/18/25 15:37	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	58.2		30 - 110	08/22/25 08:15	09/18/25 15:37	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Client Sample ID: TMW-44

Lab Sample ID: 860-109447-4
Matrix: Water
Date Collected: 08/19/25 09:40
Date Received: 08/20/25 09:23

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.03	U G	1.49	1.49	1.00	2.51	pCi/L	08/22/25 08:25	09/18/25 15:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*58.2*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:26*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:26*	*1*

Client Sample ID: TMW-16

Lab Sample ID: 860-109447-5
Matrix: Water
Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	-10.9	U G	13.1	13.1	3.00	28.2	pCi/L	08/22/25 08:47	08/25/25 21:17	1
Gross Beta	5.53	U G	5.26	5.29	4.00	8.50	pCi/L	08/22/25 08:47	08/25/25 21:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.10**		0.619	0.627	1.00	0.797	pCi/L	08/22/25 08:15	09/18/25 15:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*30 - 110*	*08/22/25 08:15*	*09/18/25 15:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.00	U G	1.15	1.16	1.00	1.90	pCi/L	08/22/25 08:25	09/18/25 15:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:27*	*1*
Y Carrier	*78.9*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:27*	*1*

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
860-109447-1	TMW-43	88.3
860-109447-2	TMW-21	88.8
860-109447-3	TMW-24	89.5
860-109447-4	TMW-44	58.2
860-109447-5	TMW-16	75.8
LCS 160-733169/2-A	Lab Control Sample	87.3
MB 160-733169/1-A	Method Blank	88.5

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
860-109447-1	TMW-43	88.3	78.5
860-109447-2	TMW-21	88.8	83.4
860-109447-3	TMW-24	89.5	86.7
860-109447-4	TMW-44	58.2	83.0
860-109447-5	TMW-16	75.8	78.9
LCS 160-733170/2-A	Lab Control Sample	87.3	81.1
MB 160-733170/1-A	Method Blank	88.5	83.0

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-733232/1-A
Matrix: Water
Analysis Batch: 733501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733232

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	0.4428	U	0.614	0.617	3.00	1.03	pCi/L	08/22/25 08:47	08/25/25 21:05	1
Gross Beta	0.1344	U	0.542	0.542	4.00	0.935	pCi/L	08/22/25 08:47	08/25/25 21:05	1

Lab Sample ID: LCS 160-733232/2-A
Matrix: Water
Analysis Batch: 733501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733232

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	49.4	51.32		7.43	3.00	1.87	pCi/L	104	75 - 125

Lab Sample ID: LCSB 160-733232/3-A
Matrix: Water
Analysis Batch: 733501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733232

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.3	67.94		7.32	4.00	0.930	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-733169/1-A
Matrix: Water
Analysis Batch: 736529

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733169

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.5486		0.321	0.325	1.00	0.443	pCi/L	08/22/25 08:15	09/18/25 15:34	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*08/22/25 08:15*	*09/18/25 15:34*	*1*

Lab Sample ID: LCS 160-733169/2-A
Matrix: Water
Analysis Batch: 736529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733169

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.155		1.26	1.00	0.395	pCi/L	96	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-733170/1-A
Matrix: Water
Analysis Batch: 736550

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733170

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4604	U	0.558	0.560	1.00	0.922	pCi/L	08/22/25 08:25	09/18/25 15:24	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:24*	*1*
Y Carrier	*83.0*		*30 - 110*	*08/22/25 08:25*	*09/18/25 15:24*	*1*

Lab Sample ID: LCS 160-733170/2-A
Matrix: Water
Analysis Batch: 736529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733170

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.06	9.506		1.31	1.00	0.504	pCi/L	105	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.3*		*30 - 110*
Y Carrier	*81.1*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Rad

Prep Batch: 733169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	PrecSep-21	
860-109447-2	TMW-21	Total/NA	Water	PrecSep-21	
860-109447-3	TMW-24	Total/NA	Water	PrecSep-21	
860-109447-4	TMW-44	Total/NA	Water	PrecSep-21	
860-109447-5	TMW-16	Total/NA	Water	PrecSep-21	
MB 160-733169/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-733169/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 733170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	PrecSep_0	
860-109447-2	TMW-21	Total/NA	Water	PrecSep_0	
860-109447-3	TMW-24	Total/NA	Water	PrecSep_0	
860-109447-4	TMW-44	Total/NA	Water	PrecSep_0	
860-109447-5	TMW-16	Total/NA	Water	PrecSep_0	
MB 160-733170/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-733170/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 733232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109447-1	TMW-43	Total/NA	Water	Evaporation	
860-109447-2	TMW-21	Total/NA	Water	Evaporation	
860-109447-3	TMW-24	Total/NA	Water	Evaporation	
860-109447-4	TMW-44	Total/NA	Water	Evaporation	
860-109447-5	TMW-16	Total/NA	Water	Evaporation	
MB 160-733232/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-733232/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-733232/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Client Sample ID: TMW-43

Lab Sample ID: 860-109447-1
Matrix: Water
Date Collected: 08/19/25 13:30
Date Received: 08/20/25 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			38.02 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733501	08/25/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep-21			757.34 mL	1.0 g	733169	08/22/25 08:15	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 15:37	SWS	EET SL
Total/NA	Prep	PrecSep_0			757.34 mL	1.0 g	733170	08/22/25 08:25	JTR	EET SL
Total/NA	Analysis	904.0		1			736550	09/18/25 15:24	SWS	EET SL

Client Sample ID: TMW-21

Lab Sample ID: 860-109447-2
Matrix: Water
Date Collected: 08/19/25 11:15
Date Received: 08/20/25 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			56.01 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733503	08/25/25 21:17	SWS	EET SL
Total/NA	Prep	PrecSep-21			751.78 mL	1.0 g	733169	08/22/25 08:15	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 15:37	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.78 mL	1.0 g	733170	08/22/25 08:25	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736531	09/18/25 11:53	SWS	EET SL

Client Sample ID: TMW-24

Lab Sample ID: 860-109447-3
Matrix: Water
Date Collected: 08/19/25 11:45
Date Received: 08/20/25 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			53.00 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733503	08/25/25 21:17	SWS	EET SL
Total/NA	Prep	PrecSep-21			1001.71 mL	1.0 g	733169	08/22/25 08:15	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 15:37	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.71 mL	1.0 g	733170	08/22/25 08:25	JTR	EET SL
Total/NA	Analysis	904.0		1			736553	09/18/25 15:26	SWS	EET SL

Client Sample ID: TMW-44

Lab Sample ID: 860-109447-4
Matrix: Water
Date Collected: 08/19/25 09:40
Date Received: 08/20/25 09:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			48.02 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733503	08/25/25 21:17	SWS	EET SL
Total/NA	Prep	PrecSep-21			508.06 mL	1.0 g	733169	08/22/25 08:15	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 15:37	SWS	EET SL
Total/NA	Prep	PrecSep_0			508.06 mL	1.0 g	733170	08/22/25 08:25	JTR	EET SL
Total/NA	Analysis	904.0		1			736553	09/18/25 15:26	SWS	EET SL

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Client Sample ID: TMW-16

Date Collected: 08/19/25 13:20
Date Received: 08/20/25 09:23

Lab Sample ID: 860-109447-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			22.01 mL	1.0 g	733232	08/22/25 08:47	OGC	EET SL
Total/NA	Analysis	900.0		1			733503	08/25/25 21:17	SWS	EET SL
Total/NA	Prep	PrecSep-21			506.92 mL	1.0 g	733169	08/22/25 08:15	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 15:37	SWS	EET SL
Total/NA	Prep	PrecSep_0			506.92 mL	1.0 g	733170	08/22/25 08:25	JTR	EET SL
Total/NA	Analysis	904.0		1			736553	09/18/25 15:27	SWS	EET SL

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109447-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109447-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109447-1	TMW-43	Water	08/19/25 13:30	08/20/25 09:23	Texas
860-109447-2	TMW-21	Water	08/19/25 11:15	08/20/25 09:23	Texas
860-109447-3	TMW-24	Water	08/19/25 11:45	08/20/25 09:23	Texas
860-109447-4	TMW-44	Water	08/19/25 09:40	08/20/25 09:23	Texas
860-109447-5	TMW-16	Water	08/19/25 13:20	08/20/25 09:23	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 8040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-43	8/19/25	1330	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-21	↓	1115	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	
				Water																	
				Water																	

860-109447 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		8/19/25 1436				
	Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-20-25 923	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5.6 / 5.4 Hou 388

V 05 06 024

Page 19 of 24
9/19/2025
Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 8040C, Callon_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
MW-24	8/19/25	1145	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MW-44	↓	0940	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	X	
				Water																	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		8/19/25 1430				
	Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8/20-25 923	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5.3/5.1 How 368

V 05/06/2024

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9/19/2025
Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-16	8/19/25	1320	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	[signature]	8/19/25 1430				
	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 8-20-25 923	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.1/4.1 IR Gun 368

V rC 0 06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

9/19/2025

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-249904.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-109447-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/27/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW-43 (860-109447-1)	8/19/25	13:30 Central	G	Water			X	X	X	3	
TMW-21 (860-109447-2)	8/19/25	11:15 Central	G	Water			X	X	X	3	
TMW-24 (860-109447-3)	8/19/25	11:45 Central	G	Water			X	X	X	3	
TMW-44 (860-109447-4)	8/19/25	09:40 Central	G	Water			X	X	X	3	
TMW-16 (860-109447-5)	8/19/25	13:20 Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 8/20	Company	Received by:	Date/Time: 8820 AUG 21 2025	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109447-2

Login Number: 109447 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 860-109447-2

Login Number: 109447
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 08/21/25 12:10 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 10/10/2025 1:46:37 PM Revision 1

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109606-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
10/10/2025 1:46:37 PM
Revision 1

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-1
Project/Site: EBDU 37

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-1
Project: EBDU 37

Job ID: 860-109606-1 Eurofins Houston

Job Narrative
860-109606-1

REVISION

The report being provided is a revision of the original report sent on 8/31/2025. The report (revision 1) is being revised due to Revised report to review the TDS data per client request..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/21/2025 8:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.4°C, 2.7°C, 2.8°C and 3.1°C.

Receipt Exceptions
The reference method requires samples to have a pH of less than 2. The following sample was received with a pH of 7: TMW-23 (860-109606-1). The sample was adjusted to the appropriate pH in the laboratory.

Affected container:
C-1

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-256695 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-23 (860-109606-1), Windmill Well (860-109606-2), TMW-07 (860-109606-5) and TMW-19 (860-109606-7). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-256695 contained Chloride and Sulfate above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-1
Project: EBDU 37

Job ID: 860-109606-1 (Continued) Eurofins Houston

Method 300_ORGFM_28D: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-256695 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-256696 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-257043 and analytical batch 860-257262 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-257262 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method SM2540C: The TDS result for sample 880-109606-1 seems to be elevated due to a lab error and seems to be off by a factor of 10x. Unfortunately this was caught well after the method holding time so it could not be re-analyzed. The Calculated TDS values created by adding up all detected major anions and cations is provided as part of method 1030E is included in this data set to show that the TDS is high by a factor of 10.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-23 — Lab Sample ID: 860-109606-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	3.52		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.399	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	221		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	951		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	463		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.422		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	41.4		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	299		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	89.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	69.6		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.39		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.606		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00200	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0649		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.238		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00202	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00474		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00108	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000834	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0247		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00304		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.36	HF			SU	1		9040C	Total/NA
Temperature	21.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.36	HF			SU	1		9040C	Total/NA
Total Cations	39.6				meq/L	1		SM 1030E	Total/NA
Total Anions	36.7				meq/L	1		SM 1030E	Total/NA
Percent Difference	3.80				%	1		SM 1030E	Total/NA
Calculated TDS	2130				mg/L	1		SM 1030E	Total/NA
Alkalinity	136		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	136		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	17900		200	200	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Windmill Well — Lab Sample ID: 860-109606-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	2.25		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.266	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	57.9		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	612		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	329		10.0	5.08	mg/L	50		6010D	Total/NA
Magnesium	31.7		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	77.3		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	18.3		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	62.5		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	9.85		0.500	0.106	mg/L	1		6010D	Total/NA
Arsenic	0.00225	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.269		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.147		0.0100	0.00401	mg/L	1		6020B	Total/NA
Copper	0.0152		0.00400	0.00100	mg/L	1		6020B	Total/NA
Molybdenum	0.000434	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.0114		0.00200	0.000528	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: Windmill Well (Continued) — Lab Sample ID: 860-109606-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.00209		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00317		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00540		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.44	HF			SU	1		9040C	Total/NA
Temperature	21.6	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.44	HF			SU	1		9040C	Total/NA
Total Cations	22.6				meq/L	1		SM 1030E	Total/NA
Total Anions	24.3				meq/L	1		SM 1030E	Total/NA
Percent Difference	-3.63				%	1		SM 1030E	Total/NA
Calculated TDS	1290				mg/L	1		SM 1030E	Total/NA
Alkalinity	180		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	180		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1910		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-22 — Lab Sample ID: 860-109606-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	278		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.341		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.355	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	197		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	155		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.675		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	11.4		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	116		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	69.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	56.7		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.13		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.992		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00348	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0425		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.0825		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00229	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.0105		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00243		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00128	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0245		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.000811	J	0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00526		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.63	HF			SU	1		9040C	Total/NA
Temperature	20.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.63	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00270	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	13.8				meq/L	1		SM 1030E	Total/NA
Total Anions	15.9				meq/L	1		SM 1030E	Total/NA
Percent Difference	-7.20				%	1		SM 1030E	Total/NA
Calculated TDS	879				mg/L	1		SM 1030E	Total/NA
Alkalinity	102		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	102		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1090		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-08 — Lab Sample ID: 860-109606-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	442		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	1.60		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.66		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	291		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	143		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	1.64		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	19.8		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	235		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	84.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	66.6		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.74		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	3.51		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00605		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0628		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.348		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00437		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000781	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00148	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00145	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0285		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00488		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00198	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0313		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00461		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00671		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.42	HF			SU	1		9040C	Total/NA
Temperature	20.4	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.42	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00373	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	19.1				meq/L	1		SM 1030E	Total/NA
Total Anions	24.5				meq/L	1		SM 1030E	Total/NA
Percent Difference	-12.4				%	1		SM 1030E	Total/NA
Calculated TDS	1310				mg/L	1		SM 1030E	Total/NA
Alkalinity	177		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	177		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1390		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-07 — Lab Sample ID: 860-109606-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	2.03		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.73		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	291		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	880		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	148		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.319		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	22.3		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	725		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	114		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	59.3		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	5.69		0.500	0.106	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-07 (Continued) — Lab Sample ID: 860-109606-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.542		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00568		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0334		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.503		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00219	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Lead	0.000367	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.00666		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00795		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000733	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0284		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00183		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00335	J	0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.57	HF			SU	1		9040C	Total/NA
Temperature	20.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.57	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00898		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	40.9				meq/L	1		SM 1030E	Total/NA
Total Anions	36.7				meq/L	1		SM 1030E	Total/NA
Percent Difference	5.38				%	1		SM 1030E	Total/NA
Calculated TDS	2240				mg/L	1		SM 1030E	Total/NA
Alkalinity	181		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	181		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2500		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-40 — Lab Sample ID: 860-109606-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	440		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.978		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.23		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	228		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	204		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	9.48		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	22.5		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	234		5.00	1.52	mg/L	10		6010D	Total/NA
Sulfur	64.5		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	131		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	9.35		5.00	1.06	mg/L	10		6010D	Total/NA
Aluminum	18.4		0.100	0.0275	mg/L	5		6020B	Total/NA
Arsenic	0.00562		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0817		0.00400	0.00134	mg/L	1		6020B	Total/NA
Beryllium	0.000782	J	0.00200	0.000271	mg/L	1		6020B	Total/NA
Boron	0.306		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.0173		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00418		0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00914		0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00559		0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0990		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00355		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00998		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0220		0.00200	0.000590	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-40 (Continued) — Lab Sample ID: 860-109606-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Uranium	0.00317		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0456		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.41	HF			SU	1		9040C	Total/NA
Temperature	19.7	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.41	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00674		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	22.4				meq/L	1		SM 1030E	Total/NA
Total Anions	24.8				meq/L	1		SM 1030E	Total/NA
Percent Difference	-4.94				%	1		SM 1030E	Total/NA
Calculated TDS	1360				mg/L	1		SM 1030E	Total/NA
Alkalinity	156		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	156		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1470		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-19 — Lab Sample ID: 860-109606-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	2.44		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.15		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	88.5		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	808		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	295		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.478		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	33.3		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	185		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	28.2		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	65.9		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.32		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.652		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00295	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.139		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.152		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00142	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00811		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00422		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00131	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0204		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.000960	J	0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.45	HF			SU	1		9040C	Total/NA
Temperature	20.3	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.45	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00311	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	25.6				meq/L	1		SM 1030E	Total/NA
Total Anions	28.9				meq/L	1		SM 1030E	Total/NA
Percent Difference	-6.19				%	1		SM 1030E	Total/NA
Calculated TDS	1540				mg/L	1		SM 1030E	Total/NA
Alkalinity	94.0		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	94.0		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2440		20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-20 Lab Sample ID: 860-109606-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	302		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	3.50		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.691		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	180		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	180		1.00	0.508	mg/L	5		6010D	Total/NA
Iron	2.20		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	15.8		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	133		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	61.0		0.500	0.185	mg/L	5		6010D	Total/NA
SiO2	79.2	F1	1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	3.40		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	3.46		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00343	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0446		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.197		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00397	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000711	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00128	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000886	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0199		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00279		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00185	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0239		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00119		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00524		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.43	HF			SU	1		9040C	Total/NA
Temperature	22.2	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.43	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00940		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	16.1				meq/L	1		SM 1030E	Total/NA
Total Anions	18.0				meq/L	1		SM 1030E	Total/NA
Percent Difference	-5.44				%	1		SM 1030E	Total/NA
Calculated TDS	981				mg/L	1		SM 1030E	Total/NA
Alkalinity	140		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	140		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1100		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

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Released to Imaging: 3/12/2026 2:34:23 PM

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-23

Date Collected: 08/20/25 09:40
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 10:27	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 10:27	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/23/25 10:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/23/25 10:27*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 15:17	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 15:17	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 15:17	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 15:17	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 15:17	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 15:17	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 15:17	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 15:17	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 15:17	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 15:17	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 15:17	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 15:17	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 15:17	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 15:17	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 15:17	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 15:17	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 15:17	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 15:17	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 15:17	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 15:17	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 15:17	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 15:17	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*		*08/23/25 15:17*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*08/23/25 15:17*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 15:17*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/23/25 15:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 14:47	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 14:47	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 14:47	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 14:47	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 14:47	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 14:47	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 14:47	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 14:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-23

Date Collected: 08/20/25 09:40
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-1

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 14:47	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 14:47	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 14:47	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 14:47	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 14:47	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 14:47	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 14:47	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 14:47	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 14:47	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 14:47	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 14:47	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 14:47	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 14:47	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 14:47	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 14:47	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*35 - 130*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
2-Fluorobiphenyl	*97*		*43 - 130*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
2-Fluorophenol (Surr)	*43*		*19 - 120*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
2-Fluorobiphenyl	*97*		*43 - 130*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
Nitrobenzene-d5 (Surr)	*125*		*37 - 133*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
Phenol-d5 (Surr)	*31*		*8 - 124*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
p-Terphenyl-d14 (Surr)	*101*		*47 - 130*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
Nitrobenzene-d5 (Surr)	*125*		*37 - 133*	*08/25/25 13:55*	*08/26/25 14:47*	*1*
p-Terphenyl-d14 (Surr)	*101*		*47 - 130*	*08/25/25 13:55*	*08/26/25 14:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000539	U	0.000293	0.0000539	mg/L		08/22/25 13:53	08/25/25 17:19	1
PCB-1221	<0.0000539	U	0.000587	0.0000539	mg/L		08/22/25 13:53	08/25/25 17:19	1
PCB-1232	<0.0000539	U	0.000587	0.0000539	mg/L		08/22/25 13:53	08/25/25 17:19	1
PCB-1242	<0.0000539	U	0.000293	0.0000539	mg/L		08/22/25 13:53	08/25/25 17:19	1
PCB-1248	<0.0000539	U	0.000587	0.0000539	mg/L		08/22/25 13:53	08/25/25 17:19	1
PCB-1254	<0.0000710	U	0.000587	0.0000710	mg/L		08/22/25 13:53	08/25/25 17:19	1
PCB-1260	<0.0000710	U	0.000293	0.0000710	mg/L		08/22/25 13:53	08/25/25 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*52 - 134*	*08/22/25 13:53*	*08/25/25 17:19*	*1*
DCB Decachlorobiphenyl (Surr)	*52*		*28 - 94*	*08/22/25 13:53*	*08/25/25 17:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**3.52**		0.100	0.0391	mg/L			08/21/25 23:12	1
Fluoride	**0.399**	**J**	0.500	0.100	mg/L			08/21/25 23:12	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/21/25 23:12	1
Sulfate	**221**		0.500	0.200	mg/L			08/21/25 23:12	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-23

Date Collected: 08/20/25 09:40
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**951**		5.00	2.50	mg/L			08/21/25 23:20	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**463**		10.0	5.08	mg/L		08/23/25 10:38	08/23/25 18:10	50
Iron	**0.422**		0.200	0.0283	mg/L		08/23/25 10:38	08/23/25 18:04	1
Magnesium	**41.4**		0.200	0.0445	mg/L		08/23/25 10:38	08/23/25 18:04	1
Sodium	**299**		25.0	7.59	mg/L		08/23/25 10:38	08/23/25 18:10	50
Sulfur	**89.0**		5.00	1.85	mg/L		08/23/25 10:38	08/23/25 18:10	50
SiO2	**69.6**		1.07	0.370	mg/L		08/23/25 10:38	08/23/25 18:04	1
Potassium	**4.39**		0.500	0.106	mg/L		08/23/25 10:38	08/23/25 18:04	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.606**		0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 22:22	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:22	1
Arsenic	**0.00200**	**J**	0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:22	1
Barium	**0.0649**		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:22	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:22	1
Boron	**0.238**		0.0500	0.0200	mg/L		08/22/25 13:30	08/26/25 19:11	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:22	1
Chromium	**0.00202**	**J**	0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:22	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:22	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:22	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:22	1
Manganese	**0.00474**		0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:22	1
Molybdenum	**0.00108**	**J**	0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:22	1
Nickel	**0.000834**	**J**	0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:22	1
Selenium	**0.0247**		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:22	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:22	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:22	1
Uranium	**0.00304**		0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:22	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 16:57	1
pH (SW846 9040C)	**7.36**	**HF**			SU			08/28/25 16:47	1
Temperature (SW846 9040C)	**21.0**	**HF**			Degrees C			08/28/25 16:47	1
Corrosivity (SW846 9040C)	**7.36**	**HF**			SU			08/28/25 16:47	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 15:17	1
Total Cations (SM 1030E)	**39.6**				meq/L			08/23/25 18:10	1
Total Anions (SM 1030E)	**36.7**				meq/L			08/23/25 18:10	1
Percent Difference (SM 1030E)	**3.80**				%			08/23/25 18:10	1
Calculated TDS (SM 1030E)	**2130**				mg/L			08/23/25 18:10	1
Alkalinity (SM 2320B)	**136**		4.00	4.00	mg/L			08/27/25 14:46	1

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Released to Imaging: 3/12/2026 2:34:23 PM

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-23

Lab Sample ID: 860-109606-1
Matrix: Water
Date Collected: 08/20/25 09:40
Date Received: 08/21/25 08:54

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**136**		4.00	4.00	mg/L			08/27/25 14:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 14:46	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 14:46	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 14:46	1
Total Dissolved Solids (SM 2540C)	**17900**		200	200	mg/L			08/27/25 13:17	1

Client Sample ID: Windmill Well

Lab Sample ID: 860-109606-2
Matrix: Water
Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 10:48	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 10:48	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 10:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/23/25 10:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/23/25 10:48*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 18:01	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 18:01	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 18:01	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 18:01	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 18:01	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 18:01	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 18:01	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 18:01	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 18:01	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 18:01	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 18:01	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 18:01	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 18:01	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 18:01	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 18:01	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 18:01	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 18:01	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 18:01	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 18:01	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 18:01	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 18:01	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 18:01	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/23/25 18:01*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*08/23/25 18:01*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: Windmill Well

Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/23/25 18:01*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/23/25 18:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 15:15	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 15:15	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 15:15	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 15:15	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 15:15	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 15:15	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 15:15	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 15:15	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 15:15	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 15:15	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 15:15	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 15:15	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 15:15	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 15:15	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 15:15	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 15:15	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 15:15	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 15:15	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 15:15	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 15:15	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 15:15	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 15:15	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 15:15	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*92*		*35 - 130*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
2-Fluorophenol (Surr)	*45*		*19 - 120*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
Nitrobenzene-d5 (Surr)	*108*		*37 - 133*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
Phenol-d5 (Surr)	*31*		*8 - 124*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
p-Terphenyl-d14 (Surr)	*96*		*47 - 130*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
Nitrobenzene-d5 (Surr)	*108*		*37 - 133*	*08/25/25 13:55*	*08/26/25 15:15*	*1*
p-Terphenyl-d14 (Surr)	*96*		*47 - 130*	*08/25/25 13:55*	*08/26/25 15:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000563	U	0.000306	0.0000563	mg/L		08/22/25 13:53	08/25/25 17:30	1
PCB-1221	<0.0000563	U	0.000613	0.0000563	mg/L		08/22/25 13:53	08/25/25 17:30	1
PCB-1232	<0.0000563	U	0.000613	0.0000563	mg/L		08/22/25 13:53	08/25/25 17:30	1
PCB-1242	<0.0000563	U	0.000306	0.0000563	mg/L		08/22/25 13:53	08/25/25 17:30	1
PCB-1248	<0.0000563	U	0.000613	0.0000563	mg/L		08/22/25 13:53	08/25/25 17:30	1
PCB-1254	<0.0000741	U	0.000613	0.0000741	mg/L		08/22/25 13:53	08/25/25 17:30	1
PCB-1260	<0.0000741	U	0.000306	0.0000741	mg/L		08/22/25 13:53	08/25/25 17:30	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: Windmill Well

Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	99		52 - 134	08/22/25 13:53	08/25/25 17:30	1
DCB Decachlorobiphenyl (Surr)	73		28 - 94	08/22/25 13:53	08/25/25 17:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.25**		0.100	0.0391	mg/L			08/21/25 23:28	1
Fluoride	**0.266**	**J**	0.500	0.100	mg/L			08/21/25 23:28	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/21/25 23:28	1
Sulfate	**57.9**		0.500	0.200	mg/L			08/21/25 23:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**612**		5.00	2.50	mg/L			08/21/25 23:37	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**329**		10.0	5.08	mg/L		08/23/25 10:38	08/23/25 18:11	50
Iron	<0.0283	U	0.200	0.0283	mg/L		08/23/25 10:38	08/23/25 18:05	1
Magnesium	**31.7**		0.200	0.0445	mg/L		08/23/25 10:38	08/23/25 18:05	1
Sodium	**77.3**		0.500	0.152	mg/L		08/23/25 10:38	08/23/25 18:05	1
Sulfur	**18.3**		0.100	0.0370	mg/L		08/23/25 10:38	08/23/25 18:05	1
SiO2	**62.5**		1.07	0.370	mg/L		08/23/25 10:38	08/23/25 18:05	1
Potassium	**9.85**		0.500	0.106	mg/L		08/23/25 10:38	08/23/25 18:05	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 22:25	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:25	1
Arsenic	**0.00225**	**J**	0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:25	1
Barium	**0.269**		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:25	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:25	1
Boron	**0.147**		0.0100	0.00401	mg/L		08/22/25 13:30	08/26/25 19:14	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:25	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:25	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:25	1
Copper	**0.0152**		0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:25	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:25	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:25	1
Molybdenum	**0.000434**	**J**	0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:25	1
Nickel	**0.0114**		0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:25	1
Selenium	**0.00209**		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:25	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:25	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:25	1
Uranium	**0.00317**		0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:25	1
Zinc	**0.00540**		0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 17:13	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: Windmill Well

Lab Sample ID: 860-109606-2
Date Collected: 08/20/25 10:40
Matrix: Water
Date Received: 08/21/25 08:54

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 16:59	1
pH (SW846 9040C)	**7.44**	**HF**			SU			08/28/25 16:56	1
Temperature (SW846 9040C)	**21.6**	**HF**			Degrees C			08/28/25 16:56	1
Corrosivity (SW846 9040C)	**7.44**	**HF**			SU			08/28/25 16:56	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 15:32	1
Total Cations (SM 1030E)	**22.6**				meq/L			08/23/25 18:11	1
Total Anions (SM 1030E)	**24.3**				meq/L			08/23/25 18:11	1
Percent Difference (SM 1030E)	**-3.63**				%			08/23/25 18:11	1
Calculated TDS (SM 1030E)	**1290**				mg/L			08/23/25 18:11	1
Alkalinity (SM 2320B)	**180**		4.00	4.00	mg/L			08/27/25 14:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**180**		4.00	4.00	mg/L			08/27/25 14:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 14:22	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 14:22	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 14:22	1
Total Dissolved Solids (SM 2540C)	**1910**		20.0	20.0	mg/L			08/27/25 13:17	1

Client Sample ID: TMW-22

Lab Sample ID: 860-109606-3
Date Collected: 08/20/25 12:45
Matrix: Water
Date Received: 08/21/25 08:54

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 11:08	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 11:08	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/23/25 11:08*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*08/23/25 11:08*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 18:22	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 18:22	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 18:22	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 18:22	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 18:22	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 18:22	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 18:22	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 18:22	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 18:22	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 18:22	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 18:22	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 18:22	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 18:22	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 18:22	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 18:22	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 18:22	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 18:22	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-22

Date Collected: 08/20/25 12:45
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 18:22	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 18:22	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 18:22	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 18:22	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 18:22	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/23/25 18:22*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*08/23/25 18:22*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/23/25 18:22*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/23/25 18:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0974	U	0.580	0.0974	ug/L		08/25/25 13:55	08/26/25 15:43	1
1,2,4-Trichlorobenzene	<0.123	U	0.580	0.123	ug/L		08/25/25 13:55	08/26/25 15:43	1
2-Methylnaphthalene	<0.111	U	0.580	0.111	ug/L		08/25/25 13:55	08/26/25 15:43	1
Acenaphthene	<0.103	U	0.580	0.103	ug/L		08/25/25 13:55	08/26/25 15:43	1
1,2-Dichlorobenzene	<0.102	U	0.580	0.102	ug/L		08/25/25 13:55	08/26/25 15:43	1
Acenaphthylene	<0.127	U	0.580	0.127	ug/L		08/25/25 13:55	08/26/25 15:43	1
Anthracene	<0.106	U	0.580	0.106	ug/L		08/25/25 13:55	08/26/25 15:43	1
Benzo[a]anthracene	<0.129	U	0.290	0.129	ug/L		08/25/25 13:55	08/26/25 15:43	1
Benzo[a]pyrene	<0.109	U	0.290	0.109	ug/L		08/25/25 13:55	08/26/25 15:43	1
1,4-Dichlorobenzene	<0.111	U	0.580	0.111	ug/L		08/25/25 13:55	08/26/25 15:43	1
Benzo[b]fluoranthene	<0.126	U	0.580	0.126	ug/L		08/25/25 13:55	08/26/25 15:43	1
Atrazine	<0.180	U	0.507	0.180	ug/L		08/25/25 13:55	08/26/25 15:43	1
Benzo[g,h,i]perylene	<0.0916	U	0.580	0.0916	ug/L		08/25/25 13:55	08/26/25 15:43	1
Benzo[k]fluoranthene	<0.125	U	0.580	0.125	ug/L		08/25/25 13:55	08/26/25 15:43	1
Pentachlorophenol	<0.316	U	0.580	0.316	ug/L		08/25/25 13:55	08/26/25 15:43	1
Chrysene	<0.0979	U	0.580	0.0979	ug/L		08/25/25 13:55	08/26/25 15:43	1
Styrene	<1.62	U	2.32	1.62	ug/L		08/25/25 13:55	08/26/25 15:43	1
Dibenz(a,h)anthracene	<0.0863	U	0.116	0.0863	ug/L		08/25/25 13:55	08/26/25 15:43	1
Fluoranthene	<0.122	U	0.580	0.122	ug/L		08/25/25 13:55	08/26/25 15:43	1
Fluorene	<0.115	U	0.580	0.115	ug/L		08/25/25 13:55	08/26/25 15:43	1
Indeno[1,2,3-cd]pyrene	<0.104	U	0.580	0.104	ug/L		08/25/25 13:55	08/26/25 15:43	1
Naphthalene	<0.116	U	0.580	0.116	ug/L		08/25/25 13:55	08/26/25 15:43	1
Phenanthrene	<0.108	U	0.580	0.108	ug/L		08/25/25 13:55	08/26/25 15:43	1
Pyrene	<0.131	U	0.580	0.131	ug/L		08/25/25 13:55	08/26/25 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*35 - 130*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
2-Fluorophenol (Surr)	*44*		*19 - 120*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
2-Fluorobiphenyl	*104*		*43 - 130*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
Nitrobenzene-d5 (Surr)	*127*		*37 - 133*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
Phenol-d5 (Surr)	*31*		*8 - 124*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
p-Terphenyl-d14 (Surr)	*106*		*47 - 130*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
Nitrobenzene-d5 (Surr)	*127*		*37 - 133*	*08/25/25 13:55*	*08/26/25 15:43*	*1*
p-Terphenyl-d14 (Surr)	*106*		*47 - 130*	*08/25/25 13:55*	*08/26/25 15:43*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-22

Date Collected: 08/20/25 12:45
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-3

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:42	1
PCB-1221	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:42	1
PCB-1232	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:42	1
PCB-1242	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:42	1
PCB-1248	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:42	1
PCB-1254	<0.0000744	U	0.000616	0.0000744	mg/L		08/22/25 13:53	08/25/25 17:42	1
PCB-1260	<0.0000744	U	0.000308	0.0000744	mg/L		08/22/25 13:53	08/25/25 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*102*		*52 - 134*	*08/22/25 13:53*	*08/25/25 17:42*	*1*
DCB Decachlorobiphenyl (Surr)	*41*		*28 - 94*	*08/22/25 13:53*	*08/25/25 17:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**278**		0.500	0.250	mg/L			08/21/25 23:45	1
Nitrate as N	**0.341**		0.100	0.0391	mg/L			08/21/25 23:45	1
Fluoride	**0.355**	**J**	0.500	0.100	mg/L			08/21/25 23:45	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/21/25 23:45	1
Sulfate	**197**		0.500	0.200	mg/L			08/21/25 23:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**155**		10.0	5.08	mg/L		08/23/25 10:38	08/23/25 18:13	50
Iron	**0.675**		0.200	0.0283	mg/L		08/23/25 10:38	08/23/25 18:07	1
Magnesium	**11.4**		0.200	0.0445	mg/L		08/23/25 10:38	08/23/25 18:07	1
Sodium	**116**		0.500	0.152	mg/L		08/23/25 10:38	08/23/25 18:07	1
Sulfur	**69.0**		5.00	1.85	mg/L		08/23/25 10:38	08/23/25 18:13	50
SiO2	**56.7**		1.07	0.370	mg/L		08/23/25 10:38	08/23/25 18:07	1
Potassium	**3.13**		0.500	0.106	mg/L		08/23/25 10:38	08/23/25 18:07	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.992**		0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 22:28	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:28	1
Arsenic	**0.00348**	**J**	0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:28	1
Barium	**0.0425**		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:28	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:28	1
Boron	**0.0825**		0.0100	0.00401	mg/L		08/22/25 13:30	08/26/25 19:16	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:28	1
Chromium	**0.00229**	**J**	0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:28	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:28	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:28	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:28	1
Manganese	**0.0105**		0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:28	1
Molybdenum	**0.00243**		0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:28	1
Nickel	**0.00128**	**J**	0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:28	1
Selenium	**0.0245**		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:28	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:28	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:28	1
Uranium	**0.000811**	**J**	0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:28	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-22

Lab Sample ID: 860-109606-3
Date Collected: 08/20/25 12:45
Matrix: Water
Date Received: 08/21/25 08:54

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.00526**		0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 17:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:02	1
pH (SW846 9040C)	**7.63**	**HF**			SU			08/27/25 15:43	1
Temperature (SW846 9040C)	**20.0**	**HF**			Degrees C			08/27/25 15:43	1
Corrosivity (SW846 9040C)	**7.63**	**HF**			SU			08/27/25 15:43	1
Cyanide, Total (EPA Kelada 01)	**0.00270**	**J**	0.00500	0.00198	mg/L			08/26/25 21:02	1
Total Cations (SM 1030E)	**13.8**				meq/L			08/23/25 18:13	1
Total Anions (SM 1030E)	**15.9**				meq/L			08/23/25 18:13	1
Percent Difference (SM 1030E)	**-7.20**				%			08/23/25 18:13	1
Calculated TDS (SM 1030E)	**879**				mg/L			08/23/25 18:13	1
Alkalinity (SM 2320B)	**102**		4.00	4.00	mg/L			08/27/25 19:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**102**		4.00	4.00	mg/L			08/27/25 19:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:49	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:49	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:49	1
Total Dissolved Solids (SM 2540C)	**1090**		10.0	10.0	mg/L			08/27/25 13:17	1

Client Sample ID: TMW-08

Lab Sample ID: 860-109606-4
Date Collected: 08/20/25 14:15
Matrix: Water
Date Received: 08/21/25 08:54

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 11:29	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 11:29	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/23/25 11:29*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*08/23/25 11:29*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 18:42	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 18:42	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 18:42	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 18:42	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 18:42	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 18:42	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 18:42	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 18:42	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 18:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-08
Date Collected: 08/20/25 14:15
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 18:42	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 18:42	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 18:42	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 18:42	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 18:42	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 18:42	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 18:42	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 18:42	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 18:42	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 18:42	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 18:42	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 18:42	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 18:42	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/23/25 18:42*	*1*
4-Bromofluorobenzene (Surr)	*94*		*74 - 124*		*08/23/25 18:42*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/23/25 18:42*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/23/25 18:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 16:12	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 16:12	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 16:12	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 16:12	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 16:12	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 16:12	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 16:12	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 16:12	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 16:12	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 16:12	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 16:12	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 16:12	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 16:12	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 16:12	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 16:12	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 16:12	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 16:12	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 16:12	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 16:12	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 16:12	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 16:12	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 16:12	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 16:12	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*	*08/25/25 13:55*	*08/26/25 16:12*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-08
Date Collected: 08/20/25 14:15
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	94		43 - 130	08/25/25 13:55	08/26/25 16:12	1
2-Fluorophenol (Surr)	43		19 - 120	08/25/25 13:55	08/26/25 16:12	1
2-Fluorobiphenyl	94		43 - 130	08/25/25 13:55	08/26/25 16:12	1
Nitrobenzene-d5 (Surr)	116		37 - 133	08/25/25 13:55	08/26/25 16:12	1
Phenol-d5 (Surr)	28		8 - 124	08/25/25 13:55	08/26/25 16:12	1
p-Terphenyl-d14 (Surr)	97		47 - 130	08/25/25 13:55	08/26/25 16:12	1
Nitrobenzene-d5 (Surr)	116		37 - 133	08/25/25 13:55	08/26/25 16:12	1
p-Terphenyl-d14 (Surr)	97		47 - 130	08/25/25 13:55	08/26/25 16:12	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:53	1
PCB-1221	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:53	1
PCB-1232	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:53	1
PCB-1242	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:53	1
PCB-1248	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 17:53	1
PCB-1254	<0.0000744	U	0.000616	0.0000744	mg/L		08/22/25 13:53	08/25/25 17:53	1
PCB-1260	<0.0000744	U	0.000308	0.0000744	mg/L		08/22/25 13:53	08/25/25 17:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	132		52 - 134	08/22/25 13:53	08/25/25 17:53	1
DCB Decachlorobiphenyl (Surr)	90		28 - 94	08/22/25 13:53	08/25/25 17:53	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**442**		0.500	0.250	mg/L			08/22/25 00:01	1
Nitrate as N	**1.60**		0.100	0.0391	mg/L			08/22/25 00:01	1
Fluoride	**1.66**		0.500	0.100	mg/L			08/22/25 00:01	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 00:01	1
Sulfate	**291**		0.500	0.200	mg/L			08/22/25 00:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**143**		10.0	5.08	mg/L		08/23/25 10:38	08/23/25 18:14	50
Iron	**1.64**		0.200	0.0283	mg/L		08/23/25 10:38	08/23/25 18:08	1
Magnesium	**19.8**		0.200	0.0445	mg/L		08/23/25 10:38	08/23/25 18:08	1
Sodium	**235**		25.0	7.59	mg/L		08/23/25 10:38	08/23/25 18:14	50
Sulfur	**84.0**		5.00	1.85	mg/L		08/23/25 10:38	08/23/25 18:14	50
SiO2	**66.6**		1.07	0.370	mg/L		08/23/25 10:38	08/23/25 18:08	1
Potassium	**3.74**		0.500	0.106	mg/L		08/23/25 10:38	08/23/25 18:08	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3.51**		0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 22:31	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:31	1
Arsenic	**0.00605**		0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:31	1
Barium	**0.0628**		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:31	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:31	1
Boron	**0.348**		0.0500	0.0200	mg/L		08/22/25 13:30	08/26/25 19:20	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:31	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-08

Lab Sample ID: 860-109606-4
Matrix: Water
Date Collected: 08/20/25 14:15
Date Received: 08/21/25 08:54

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.00437**		0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:31	1
Cobalt	**0.000781**	**J**	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:31	1
Copper	**0.00148**	**J**	0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:31	1
Lead	**0.00145**	**J**	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:31	1
Manganese	**0.0285**		0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:31	1
Molybdenum	**0.00488**		0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:31	1
Nickel	**0.00198**	**J**	0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:31	1
Selenium	**0.0313**		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:31	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:31	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:31	1
Uranium	**0.00461**		0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:31	1
Zinc	**0.00671**		0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/25/25 13:35	08/25/25 22:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:05	1
pH (SW846 9040C)	**7.42**	**HF**			SU			08/27/25 15:40	1
Temperature (SW846 9040C)	**20.4**	**HF**			Degrees C			08/27/25 15:40	1
Corrosivity (SW846 9040C)	**7.42**	**HF**			SU			08/27/25 15:40	1
Cyanide, Total (EPA Kelada 01)	**0.00373**	**J**	0.00500	0.00198	mg/L			08/26/25 19:23	1
Total Cations (SM 1030E)	**19.1**				meq/L			08/23/25 18:14	1
Total Anions (SM 1030E)	**24.5**				meq/L			08/23/25 18:14	1
Percent Difference (SM 1030E)	**-12.4**				%			08/23/25 18:14	1
Calculated TDS (SM 1030E)	**1310**				mg/L			08/23/25 18:14	1
Alkalinity (SM 2320B)	**177**		4.00	4.00	mg/L			08/27/25 19:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**177**		4.00	4.00	mg/L			08/27/25 19:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:55	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:55	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:55	1
Total Dissolved Solids (SM 2540C)	**1390**		20.0	20.0	mg/L			08/27/25 13:17	1

Client Sample ID: TMW-07

Lab Sample ID: 860-109606-5
Matrix: Water
Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 11:49	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 11:49	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/23/25 11:49*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*08/23/25 11:49*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-07

Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 19:03	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 19:03	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 19:03	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 19:03	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 19:03	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 19:03	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 19:03	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 19:03	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 19:03	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 19:03	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 19:03	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 19:03	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 19:03	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 19:03	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 19:03	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 19:03	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 19:03	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 19:03	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 19:03	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 19:03	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 19:03	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 19:03	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*08/23/25 19:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*		*08/23/25 19:03*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*08/23/25 19:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/23/25 19:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/25/25 13:55	08/26/25 16:40	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/25/25 13:55	08/26/25 16:40	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/25/25 13:55	08/26/25 16:40	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 16:40	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 16:40	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/25/25 13:55	08/26/25 16:40	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/25/25 13:55	08/26/25 16:40	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 16:40	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 16:40	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/25/25 13:55	08/26/25 16:40	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/25/25 13:55	08/26/25 16:40	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/25/25 13:55	08/26/25 16:40	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/25/25 13:55	08/26/25 16:40	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/25/25 13:55	08/26/25 16:40	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/25/25 13:55	08/26/25 16:40	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/25/25 13:55	08/26/25 16:40	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/25/25 13:55	08/26/25 16:40	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/25/25 13:55	08/26/25 16:40	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-07
Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/25/25 13:55	08/26/25 16:40	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/25/25 13:55	08/26/25 16:40	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/25/25 13:55	08/26/25 16:40	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/25/25 13:55	08/26/25 16:40	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/25/25 13:55	08/26/25 16:40	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/25/25 13:55	08/26/25 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*35 - 130*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
2-Fluorobiphenyl	*94*		*43 - 130*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
2-Fluorophenol (Surr)	*40*		*19 - 120*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
2-Fluorobiphenyl	*94*		*43 - 130*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
Phenol-d5 (Surr)	*24*		*8 - 124*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
p-Terphenyl-d14 (Surr)	*103*		*47 - 130*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*08/25/25 13:55*	*08/26/25 16:40*	*1*
p-Terphenyl-d14 (Surr)	*103*		*47 - 130*	*08/25/25 13:55*	*08/26/25 16:40*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000604	U	0.000329	0.0000604	mg/L		08/22/25 13:53	08/25/25 18:05	1
PCB-1221	<0.0000604	U	0.000658	0.0000604	mg/L		08/22/25 13:53	08/25/25 18:05	1
PCB-1232	<0.0000604	U	0.000658	0.0000604	mg/L		08/22/25 13:53	08/25/25 18:05	1
PCB-1242	<0.0000604	U	0.000329	0.0000604	mg/L		08/22/25 13:53	08/25/25 18:05	1
PCB-1248	<0.0000604	U	0.000658	0.0000604	mg/L		08/22/25 13:53	08/25/25 18:05	1
PCB-1254	<0.0000795	U	0.000658	0.0000795	mg/L		08/22/25 13:53	08/25/25 18:05	1
PCB-1260	<0.0000795	U	0.000329	0.0000795	mg/L		08/22/25 13:53	08/25/25 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*52 - 134*	*08/22/25 13:53*	*08/25/25 18:05*	*1*
DCB Decachlorobiphenyl (Surr)	*45*		*28 - 94*	*08/22/25 13:53*	*08/25/25 18:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.03**		0.100	0.0391	mg/L			08/22/25 00:57	1
Fluoride	**1.73**		0.500	0.100	mg/L			08/22/25 00:57	1
Nitrite as N	<0.0699	U F1	0.100	0.0699	mg/L			08/22/25 00:57	1
Sulfate	**291**		0.500	0.200	mg/L			08/22/25 00:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**880**		5.00	2.50	mg/L			08/22/25 01:05	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**148**		10.0	5.08	mg/L		08/23/25 10:38	08/23/25 18:27	50
Iron	**0.319**		0.200	0.0283	mg/L		08/23/25 10:38	08/23/25 18:18	1
Magnesium	**22.3**		0.200	0.0445	mg/L		08/23/25 10:38	08/23/25 18:18	1
Sodium	**725**		25.0	7.59	mg/L		08/23/25 10:38	08/23/25 18:27	50
Sulfur	**114**		5.00	1.85	mg/L		08/23/25 10:38	08/23/25 18:27	50
SiO2	**59.3**		1.07	0.370	mg/L		08/23/25 10:38	08/23/25 18:18	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-07

Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-5

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**5.69**		0.500	0.106	mg/L		08/23/25 10:38	08/23/25 18:18	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.542**		0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 22:34	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:34	1
Arsenic	**0.00568**		0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:34	1
Barium	**0.0334**		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:34	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:34	1
Boron	**0.503**		0.0500	0.0200	mg/L		08/22/25 13:30	08/26/25 19:28	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:34	1
Chromium	**0.00219**	**J**	0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:34	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:34	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:34	1
Lead	**0.000367**	**J**	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:34	1
Manganese	**0.00666**		0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:34	1
Molybdenum	**0.00795**		0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:34	1
Nickel	**0.000733**	**J**	0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:34	1
Selenium	**0.0284**		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:34	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:34	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:34	1
Uranium	**0.00183**		0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:34	1
Zinc	**0.00335**	**J**	0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 17:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:07	1
pH (SW846 9040C)	**7.57**	**HF**			SU			08/27/25 15:45	1
Temperature (SW846 9040C)	**20.0**	**HF**			Degrees C			08/27/25 15:45	1
Corrosivity (SW846 9040C)	**7.57**	**HF**			SU			08/27/25 15:45	1
Cyanide, Total (EPA Kelada 01)	**0.00898**		0.00500	0.00198	mg/L			08/27/25 22:30	1
Total Cations (SM 1030E)	**40.9**				meq/L			08/23/25 18:27	1
Total Anions (SM 1030E)	**36.7**				meq/L			08/23/25 18:27	1
Percent Difference (SM 1030E)	**5.38**				%			08/23/25 18:27	1
Calculated TDS (SM 1030E)	**2240**				mg/L			08/23/25 18:27	1
Alkalinity (SM 2320B)	**181**		4.00	4.00	mg/L			08/27/25 19:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**181**		4.00	4.00	mg/L			08/27/25 19:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:37	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:37	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:37	1
Total Dissolved Solids (SM 2540C)	**2500**		20.0	20.0	mg/L			08/27/25 13:17	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-40

Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-6

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 12:10	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 12:10	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 12:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/23/25 12:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/23/25 12:10*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 19:23	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 19:23	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 19:23	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 19:23	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 19:23	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 19:23	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 19:23	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 19:23	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 19:23	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 19:23	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 19:23	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 19:23	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 19:23	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 19:23	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 19:23	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 19:23	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 19:23	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 19:23	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 19:23	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 19:23	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 19:23	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 19:23	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/23/25 19:23*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*08/23/25 19:23*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 19:23*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/23/25 19:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/25/25 13:55	08/26/25 17:08	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/25/25 13:55	08/26/25 17:08	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/25/25 13:55	08/26/25 17:08	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 17:08	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 17:08	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/25/25 13:55	08/26/25 17:08	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/25/25 13:55	08/26/25 17:08	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 17:08	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-40

Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-6

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 17:08	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/25/25 13:55	08/26/25 17:08	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/25/25 13:55	08/26/25 17:08	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/25/25 13:55	08/26/25 17:08	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/25/25 13:55	08/26/25 17:08	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/25/25 13:55	08/26/25 17:08	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/25/25 13:55	08/26/25 17:08	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/25/25 13:55	08/26/25 17:08	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/25/25 13:55	08/26/25 17:08	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/25/25 13:55	08/26/25 17:08	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/25/25 13:55	08/26/25 17:08	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/25/25 13:55	08/26/25 17:08	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/25/25 13:55	08/26/25 17:08	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/25/25 13:55	08/26/25 17:08	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/25/25 13:55	08/26/25 17:08	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/25/25 13:55	08/26/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*35 - 130*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
2-Fluorophenol (Surr)	*40*		*19 - 120*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*100*		*37 - 133*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
Phenol-d5 (Surr)	*26*		*8 - 124*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 130*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*100*		*37 - 133*	*08/25/25 13:55*	*08/26/25 17:08*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 130*	*08/25/25 13:55*	*08/26/25 17:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:53	08/25/25 18:16	1
PCB-1221	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 18:16	1
PCB-1232	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 18:16	1
PCB-1242	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:53	08/25/25 18:16	1
PCB-1248	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:53	08/25/25 18:16	1
PCB-1254	<0.0000744	U	0.000616	0.0000744	mg/L		08/22/25 13:53	08/25/25 18:16	1
PCB-1260	<0.0000744	U	0.000308	0.0000744	mg/L		08/22/25 13:53	08/25/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*130*		*52 - 134*	*08/22/25 13:53*	*08/25/25 18:16*	*1*
DCB Decachlorobiphenyl (Surr)	*42*		*28 - 94*	*08/22/25 13:53*	*08/25/25 18:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**440**		0.500	0.250	mg/L			08/22/25 01:30	1
Nitrate as N	**0.978**		0.100	0.0391	mg/L			08/22/25 01:30	1
Fluoride	**1.23**		0.500	0.100	mg/L			08/22/25 01:30	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 01:30	1
Sulfate	**228**		0.500	0.200	mg/L			08/22/25 01:30	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-40

Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-6

Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	204		10.0	5.08	mg/L		08/22/25 13:22	08/23/25 14:01	50
Iron	9.48		0.200	0.0283	mg/L		08/22/25 13:22	08/23/25 13:50	1
Magnesium	22.5		0.200	0.0445	mg/L		08/22/25 13:22	08/23/25 13:50	1
Sodium	234		5.00	1.52	mg/L		08/22/25 13:22	08/26/25 13:48	10
Sulfur	64.5		5.00	1.85	mg/L		08/22/25 13:22	08/23/25 14:01	50
SiO2	131		1.07	0.370	mg/L		08/22/25 13:22	08/23/25 13:50	1
Potassium	9.35		5.00	1.06	mg/L		08/22/25 13:22	08/26/25 13:48	10

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18.4		0.100	0.0275	mg/L		08/22/25 13:30	08/25/25 22:40	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:36	1
Arsenic	0.00562		0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:36	1
Barium	0.0817		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:36	1
Beryllium	0.000782	J	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:36	1
Boron	0.306		0.0500	0.0200	mg/L		08/22/25 13:30	08/26/25 19:32	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:36	1
Chromium	0.0173		0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:36	1
Cobalt	0.00418		0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:36	1
Copper	0.00914		0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:36	1
Lead	0.00559		0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:36	1
Manganese	0.0990		0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:36	1
Molybdenum	0.00355		0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:36	1
Nickel	0.00998		0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:36	1
Selenium	0.0220		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:36	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:36	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:36	1
Uranium	0.00317		0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:36	1
Zinc	0.0456		0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 17:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:21	1
pH (SW846 9040C)	7.41	HF			SU			08/27/25 15:33	1
Temperature (SW846 9040C)	19.7	HF			Degrees C			08/27/25 15:33	1
Corrosivity (SW846 9040C)	7.41	HF			SU			08/27/25 15:33	1
Cyanide, Total (EPA Kelada 01)	0.00674		0.00500	0.00198	mg/L			08/26/25 20:35	1
Total Cations (SM 1030E)	22.4				meq/L			08/26/25 13:48	1
Total Anions (SM 1030E)	24.8				meq/L			08/26/25 13:48	1
Percent Difference (SM 1030E)	-4.94				%			08/26/25 13:48	1
Calculated TDS (SM 1030E)	1360				mg/L			08/26/25 13:48	1
Alkalinity (SM 2320B)	156		4.00	4.00	mg/L			08/27/25 19:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	156		4.00	4.00	mg/L			08/27/25 19:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:43	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:43	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-40

Lab Sample ID: 860-109606-6
Date Collected: 08/20/25 11:50
Matrix: Water
Date Received: 08/21/25 08:54

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:43	1
Total Dissolved Solids (SM 2540C)	**1470**		20.0	20.0	mg/L			08/27/25 13:17	1

Client Sample ID: TMW-19

Lab Sample ID: 860-109606-7
Date Collected: 08/20/25 09:15
Matrix: Water
Date Received: 08/21/25 08:54

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 12:30	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 12:30	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/23/25 12:30*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/23/25 12:30*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 19:44	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 19:44	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 19:44	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 19:44	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 19:44	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 19:44	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 19:44	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 19:44	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 19:44	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 19:44	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 19:44	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 19:44	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 19:44	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 19:44	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 19:44	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 19:44	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 19:44	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 19:44	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 19:44	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 19:44	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 19:44	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 19:44	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/23/25 19:44*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*08/23/25 19:44*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 131*		*08/23/25 19:44*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/23/25 19:44*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-19

Date Collected: 08/20/25 09:15
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-7

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0963	U	0.573	0.0963	ug/L		08/25/25 13:55	08/26/25 17:36	1
1,2,4-Trichlorobenzene	<0.121	U	0.573	0.121	ug/L		08/25/25 13:55	08/26/25 17:36	1
2-Methylnaphthalene	<0.109	U	0.573	0.109	ug/L		08/25/25 13:55	08/26/25 17:36	1
Acenaphthene	<0.102	U	0.573	0.102	ug/L		08/25/25 13:55	08/26/25 17:36	1
1,2-Dichlorobenzene	<0.101	U	0.573	0.101	ug/L		08/25/25 13:55	08/26/25 17:36	1
Acenaphthylene	<0.125	U	0.573	0.125	ug/L		08/25/25 13:55	08/26/25 17:36	1
Anthracene	<0.104	U	0.573	0.104	ug/L		08/25/25 13:55	08/26/25 17:36	1
Benzo[a]anthracene	<0.127	U	0.287	0.127	ug/L		08/25/25 13:55	08/26/25 17:36	1
Benzo[a]pyrene	<0.108	U	0.287	0.108	ug/L		08/25/25 13:55	08/26/25 17:36	1
1,4-Dichlorobenzene	<0.110	U	0.573	0.110	ug/L		08/25/25 13:55	08/26/25 17:36	1
Benzo[b]fluoranthene	<0.125	U	0.573	0.125	ug/L		08/25/25 13:55	08/26/25 17:36	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/25/25 13:55	08/26/25 17:36	1
Benzo[g,h,i]perylene	<0.0906	U	0.573	0.0906	ug/L		08/25/25 13:55	08/26/25 17:36	1
Benzo[k]fluoranthene	<0.124	U	0.573	0.124	ug/L		08/25/25 13:55	08/26/25 17:36	1
Pentachlorophenol	<0.313	U	0.573	0.313	ug/L		08/25/25 13:55	08/26/25 17:36	1
Chrysene	<0.0968	U	0.573	0.0968	ug/L		08/25/25 13:55	08/26/25 17:36	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/25/25 13:55	08/26/25 17:36	1
Dibenz(a,h)anthracene	<0.0853	U	0.115	0.0853	ug/L		08/25/25 13:55	08/26/25 17:36	1
Fluoranthene	<0.120	U	0.573	0.120	ug/L		08/25/25 13:55	08/26/25 17:36	1
Fluorene	<0.113	U	0.573	0.113	ug/L		08/25/25 13:55	08/26/25 17:36	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.573	0.103	ug/L		08/25/25 13:55	08/26/25 17:36	1
Naphthalene	<0.115	U	0.573	0.115	ug/L		08/25/25 13:55	08/26/25 17:36	1
Phenanthrene	<0.107	U	0.573	0.107	ug/L		08/25/25 13:55	08/26/25 17:36	1
Pyrene	<0.129	U	0.573	0.129	ug/L		08/25/25 13:55	08/26/25 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
2-Fluorobiphenyl	*96*		*43 - 130*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
2-Fluorophenol (Surr)	*38*		*19 - 120*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
2-Fluorobiphenyl	*96*		*43 - 130*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
Phenol-d5 (Surr)	*25*		*8 - 124*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
p-Terphenyl-d14 (Surr)	*110*		*47 - 130*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*	*08/25/25 13:55*	*08/26/25 17:36*	*1*
p-Terphenyl-d14 (Surr)	*110*		*47 - 130*	*08/25/25 13:55*	*08/26/25 17:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000553	U	0.000301	0.0000553	mg/L		08/25/25 17:03	08/26/25 12:27	1
PCB-1221	<0.0000553	U	0.000602	0.0000553	mg/L		08/25/25 17:03	08/26/25 12:27	1
PCB-1232	<0.0000553	U	0.000602	0.0000553	mg/L		08/25/25 17:03	08/26/25 12:27	1
PCB-1242	<0.0000553	U	0.000301	0.0000553	mg/L		08/25/25 17:03	08/26/25 12:27	1
PCB-1248	<0.0000553	U	0.000602	0.0000553	mg/L		08/25/25 17:03	08/26/25 12:27	1
PCB-1254	<0.0000728	U	0.000602	0.0000728	mg/L		08/25/25 17:03	08/26/25 12:27	1
PCB-1260	<0.0000728	U	0.000301	0.0000728	mg/L		08/25/25 17:03	08/26/25 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*52 - 134*	*08/25/25 17:03*	*08/26/25 12:27*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*28 - 94*	*08/25/25 17:03*	*08/26/25 12:27*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-19
Date Collected: 08/20/25 09:15
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-7
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	2.44		0.100	0.0391	mg/L			08/22/25 02:02	1
Fluoride	1.15		0.500	0.100	mg/L			08/22/25 02:02	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 02:02	1
Sulfate	88.5		0.500	0.200	mg/L			08/22/25 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	808		5.00	2.50	mg/L			08/22/25 02:10	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	295		10.0	5.08	mg/L		08/23/25 10:38	08/23/25 18:29	50
Iron	0.478		0.200	0.0283	mg/L		08/23/25 10:38	08/23/25 18:20	1
Magnesium	33.3		0.200	0.0445	mg/L		08/23/25 10:38	08/23/25 18:20	1
Sodium	185		0.500	0.152	mg/L		08/23/25 10:38	08/23/25 18:20	1
Sulfur	28.2		0.100	0.0370	mg/L		08/23/25 10:38	08/23/25 18:20	1
SiO2	65.9		1.07	0.370	mg/L		08/23/25 10:38	08/23/25 18:20	1
Potassium	3.32		0.500	0.106	mg/L		08/23/25 10:38	08/23/25 18:20	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.652		0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 22:42	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:42	1
Arsenic	0.00295	J	0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:42	1
Barium	0.139		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:42	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:42	1
Boron	0.152		0.0100	0.00401	mg/L		08/22/25 13:30	08/26/25 19:34	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:42	1
Chromium	0.00142	J	0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:42	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:42	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:42	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:42	1
Manganese	0.00811		0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:42	1
Molybdenum	0.00422		0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:42	1
Nickel	0.00131	J	0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:42	1
Selenium	0.0204		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:42	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:42	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:42	1
Uranium	0.000960	J	0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:42	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:23	1
pH (SW846 9040C)	7.45	HF			SU			08/27/25 15:49	1
Temperature (SW846 9040C)	20.3	HF			Degrees C			08/27/25 15:49	1
Corrosivity (SW846 9040C)	7.45	HF			SU			08/27/25 15:49	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-19

Lab Sample ID: 860-109606-7
Matrix: Water
Date Collected: 08/20/25 09:15
Date Received: 08/21/25 08:54

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA Kelada 01)	**0.00311**	**J**	0.00500	0.00198	mg/L			08/26/25 21:17	1
Total Cations (SM 1030E)	**25.6**				meq/L			08/23/25 18:29	1
Total Anions (SM 1030E)	**28.9**				meq/L			08/23/25 18:29	1
Percent Difference (SM 1030E)	**-6.19**				%			08/23/25 18:29	1
Calculated TDS (SM 1030E)	**1540**				mg/L			08/23/25 18:29	1
Alkalinity (SM 2320B)	**94.0**		4.00	4.00	mg/L			08/27/25 19:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**94.0**		4.00	4.00	mg/L			08/27/25 19:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:09	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:09	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/27/25 19:09	1
Total Dissolved Solids (SM 2540C)	**2440**		20.0	20.0	mg/L			08/27/25 13:17	1

Client Sample ID: TMW-20

Lab Sample ID: 860-109606-8
Matrix: Water
Date Collected: 08/20/25 11:20
Date Received: 08/21/25 08:54

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 12:51	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 12:51	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/23/25 12:51*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*08/23/25 12:51*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 20:04	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 20:04	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 20:04	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 20:04	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 20:04	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 20:04	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 20:04	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 20:04	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 20:04	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 20:04	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 20:04	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 20:04	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 20:04	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 20:04	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 20:04	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 20:04	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 20:04	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 20:04	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 20:04	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 20:04	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 20:04	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-20

Date Collected: 08/20/25 11:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-8

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 20:04	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/23/25 20:04*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*08/23/25 20:04*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 20:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/23/25 20:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 18:05	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 18:05	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 18:05	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 18:05	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 18:05	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 18:05	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 18:05	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 18:05	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 18:05	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 18:05	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 18:05	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 18:05	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 18:05	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 18:05	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 18:05	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 18:05	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 18:05	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 18:05	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 18:05	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 18:05	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 18:05	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 18:05	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 18:05	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*35 - 130*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
2-Fluorophenol (Surr)	*27*		*19 - 120*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
Nitrobenzene-d5 (Surr)	*119*		*37 - 133*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
Phenol-d5 (Surr)	*26*		*8 - 124*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
Nitrobenzene-d5 (Surr)	*119*		*37 - 133*	*08/25/25 13:55*	*08/26/25 18:05*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*	*08/25/25 13:55*	*08/26/25 18:05*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000574	U	0.000313	0.0000574	mg/L		08/25/25 17:03	08/26/25 12:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-20

Date Collected: 08/20/25 11:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-8

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1221	<0.0000574	U	0.000625	0.0000574	mg/L		08/25/25 17:03	08/26/25 12:39	1
PCB-1232	<0.0000574	U	0.000625	0.0000574	mg/L		08/25/25 17:03	08/26/25 12:39	1
PCB-1242	<0.0000574	U	0.000313	0.0000574	mg/L		08/25/25 17:03	08/26/25 12:39	1
PCB-1248	<0.0000574	U	0.000625	0.0000574	mg/L		08/25/25 17:03	08/26/25 12:39	1
PCB-1254	<0.0000756	U	0.000625	0.0000756	mg/L		08/25/25 17:03	08/26/25 12:39	1
PCB-1260	<0.0000756	U	0.000313	0.0000756	mg/L		08/25/25 17:03	08/26/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*52 - 134*	*08/25/25 17:03*	*08/26/25 12:39*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*28 - 94*	*08/25/25 17:03*	*08/26/25 12:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**302**		0.500	0.250	mg/L			08/22/25 02:19	1
Nitrate as N	**3.50**		0.100	0.0391	mg/L			08/22/25 02:19	1
Fluoride	**0.691**		0.500	0.100	mg/L			08/22/25 02:19	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 02:19	1
Sulfate	**180**		0.500	0.200	mg/L			08/22/25 02:19	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**180**		1.00	0.508	mg/L		08/22/25 13:22	08/23/25 13:09	5
Iron	**2.20**		0.200	0.0283	mg/L		08/22/25 13:22	08/23/25 13:00	1
Magnesium	**15.8**		0.200	0.0445	mg/L		08/22/25 13:22	08/23/25 13:00	1
Sodium	**133**		0.500	0.152	mg/L		08/22/25 13:22	08/23/25 13:00	1
Sulfur	**61.0**		0.500	0.185	mg/L		08/22/25 13:22	08/23/25 13:09	5
SiO2	**79.2**	**F1**	1.07	0.370	mg/L		08/22/25 13:22	08/23/25 13:00	1
Potassium	**3.40**		0.500	0.106	mg/L		08/22/25 13:22	08/23/25 13:00	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3.46**		0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 22:45	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 22:45	1
Arsenic	**0.00343**	**J**	0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 22:45	1
Barium	**0.0446**		0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 22:45	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 22:45	1
Boron	**0.197**		0.0100	0.00401	mg/L		08/22/25 13:30	08/26/25 19:37	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 22:45	1
Chromium	**0.00397**	**J**	0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 22:45	1
Cobalt	**0.000711**	**J**	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 22:45	1
Copper	**0.00128**	**J**	0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 22:45	1
Lead	**0.000886**	**J**	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 22:45	1
Manganese	**0.0199**		0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 22:45	1
Molybdenum	**0.00279**		0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 22:45	1
Nickel	**0.00185**	**J**	0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 22:45	1
Selenium	**0.0239**		0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 22:45	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 22:45	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 22:45	1
Uranium	**0.00119**		0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 22:45	1
Zinc	**0.00524**		0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 22:45	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-20

Date Collected: 08/20/25 11:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-8

Matrix: Water

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:26	1
pH (SW846 9040C)	**7.43**	**HF**			SU			08/26/25 17:22	1
Temperature (SW846 9040C)	**22.2**	**HF**			Degrees C			08/26/25 17:22	1
Corrosivity (SW846 9040C)	**7.43**	**HF**			SU			08/26/25 17:22	1
Cyanide, Total (EPA Kelada 01)	**0.00940**		0.00500	0.00198	mg/L			08/26/25 20:11	1
Total Cations (SM 1030E)	**16.1**				meq/L			08/23/25 13:09	1
Total Anions (SM 1030E)	**18.0**				meq/L			08/23/25 13:09	1
Percent Difference (SM 1030E)	**-5.44**				%			08/23/25 13:09	1
Calculated TDS (SM 1030E)	**981**				mg/L			08/23/25 13:09	1
Alkalinity (SM 2320B)	**140**		4.00	4.00	mg/L			08/28/25 11:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**140**		4.00	4.00	mg/L			08/28/25 11:30	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 11:30	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 11:30	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 11:30	1
Total Dissolved Solids (SM 2540C)	**1100**		10.0	10.0	mg/L			08/27/25 13:17	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-109606-1	TMW-23	109	99	102	98
860-109606-1 MS	TMW-23	96	95	97	97
860-109606-2	Windmill Well	106	95	100	102
860-109606-3	TMW-22	105	98	104	102
860-109606-4	TMW-08	104	94	100	100
860-109606-5	TMW-07	102	96	103	100
860-109606-6	TMW-40	106	97	102	102
860-109606-7	TMW-19	106	97	105	101
860-109606-8	TMW-20	104	98	102	100
LCS 860-257224/3	Lab Control Sample	97	95	97	98
LCSD 860-257224/4	Lab Control Sample Dup	97	98	95	98
MB 860-257224/8	Method Blank	103	101	102	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TOL (70-130)	BFB (70-130)
860-109606-1	TMW-23	96	99
860-109606-2	Windmill Well	92	101
860-109606-3	TMW-22	94	106
860-109606-4	TMW-08	97	103
860-109606-5	TMW-07	94	104
860-109606-6	TMW-40	92	99
860-109606-7	TMW-19	97	100
860-109606-8	TMW-20	97	102
LCS 860-257084/3	Lab Control Sample	96	96
LCSD 860-257084/4	Lab Control Sample Dup	91	96
MB 860-257084/6	Method Blank	96	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-109606-1	TMW-23	98	43	97	97	31	125	125	101
860-109606-2	Windmill Well	92	45	84	84	31	108	108	96
860-109606-3	TMW-22	106	44	104	104	31	127	127	106
860-109606-4	TMW-08	96	43	94	94	28	116	116	97

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-109606-5	TMW-07	106	40	94	94	24	110	110	103
860-109606-6	TMW-40	92	40	84	84	26	100	100	93
860-109606-7	TMW-19	109	38	96	96	25	115	115	110
860-109606-8	TMW-20	75	27	93	93	26	119	119	79
LCS 860-257518/2-A	Lab Control Sample	74	116	87	87	99	96	96	88
LCSD 860-257518/3-A	Lab Control Sample Dup	73	108	84	84	92	97	97	79
MB 860-257518/1-A	Method Blank	73	117	87	87	88	94	94	87

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-109606-1	TMW-23	101
860-109606-2	Windmill Well	96
860-109606-3	TMW-22	106
860-109606-4	TMW-08	97
860-109606-5	TMW-07	103
860-109606-6	TMW-40	93
860-109606-7	TMW-19	110
860-109606-8	TMW-20	79
LCS 860-257518/2-A	Lab Control Sample	88
LCSD 860-257518/3-A	Lab Control Sample Dup	79
MB 860-257518/1-A	Method Blank	87

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)
860-109606-1	TMW-23	93	52
860-109606-2	Windmill Well	99	73
860-109606-3	TMW-22	102	41
860-109606-4	TMW-08	132	90
860-109606-5	TMW-07	96	45
860-109606-6	TMW-40	130	42
860-109606-7	TMW-19	79	70
860-109606-8	TMW-20	65	65
LCS 860-257056/4-A	Lab Control Sample	83	75
LCS 860-257591/4-A	Lab Control Sample	59	69
LCSD 860-257056/5-A	Lab Control Sample Dup	82	75
LCSD 860-257591/5-A	Lab Control Sample Dup	58	69
MB 860-257056/1-A	Method Blank	81	74
MB 860-257591/1-A	Method Blank	68	81

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-257224/8
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/23/25 14:57	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/23/25 14:57	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/23/25 14:57	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/23/25 14:57	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/23/25 14:57	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/23/25 14:57	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/23/25 14:57	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/23/25 14:57	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/23/25 14:57	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/23/25 14:57	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/23/25 14:57	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/23/25 14:57	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/23/25 14:57	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/23/25 14:57	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/23/25 14:57	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/23/25 14:57	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/23/25 14:57	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/23/25 14:57	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 14:57	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/23/25 14:57	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/23/25 14:57	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/23/25 14:57	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/23/25 14:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/23/25 14:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/23/25 14:57*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/23/25 14:57*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/23/25 14:57*	*1*

Lab Sample ID: LCS 860-257224/3
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05373		mg/L		107	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04544		mg/L		91	74 - 125
1,1,2-Trichloroethane	0.0500	0.04827		mg/L		97	75 - 130
1,1-Dichloroethane	0.0500	0.04764		mg/L		95	71 - 130
1,1-Dichloroethene	0.0500	0.04664		mg/L		93	50 - 150
1,2-Dibromoethane	0.0500	0.04842		mg/L		97	73 - 125
1,2-Dichloroethane	0.0500	0.04938		mg/L		99	72 - 130
1,2-Dichloropropane	0.0500	0.04897		mg/L		98	74 - 125
Benzene	0.0500	0.04978		mg/L		100	75 - 125
Carbon tetrachloride	0.0500	0.05300		mg/L		106	70 - 125
Chloroform	0.0500	0.05006		mg/L		100	70 - 121
Ethylbenzene	0.0500	0.05371		mg/L		107	75 - 125
MTBE	0.0500	0.04769		mg/L		95	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-257224/3
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.04488		mg/L		90	71 - 125		
Tetrachloroethene			0.0500	0.05414		mg/L		108	71 - 125		
Toluene			0.0500	0.05082		mg/L		102	75 - 130		
Trichloroethene			0.0500	0.05196		mg/L		104	75 - 135		
Vinyl chloride			0.0500	0.04529		mg/L		91	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.04866		mg/L		97	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.04818		mg/L		96	75 - 125		
o-Xylene			0.0500	0.05373		mg/L		107	75 - 125		
m,p-Xylenes			0.0500	0.05391		mg/L		108	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-257224/4
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.04885		mg/L		98	70 - 130	10	25
1,1,2,2-Tetrachloroethane			0.0500	0.04449		mg/L		89	74 - 125	2	25
1,1,2-Trichloroethane			0.0500	0.04507		mg/L		90	75 - 130	7	25
1,1-Dichloroethane			0.0500	0.04416		mg/L		88	71 - 130	8	25
1,1-Dichloroethene			0.0500	0.04358		mg/L		87	50 - 150	7	25
1,2-Dibromoethane			0.0500	0.04604		mg/L		92	73 - 125	5	25
1,2-Dichloroethane			0.0500	0.04628		mg/L		93	72 - 130	6	25
1,2-Dichloropropane			0.0500	0.04617		mg/L		92	74 - 125	6	25
Benzene			0.0500	0.04720		mg/L		94	75 - 125	5	25
Carbon tetrachloride			0.0500	0.04740		mg/L		95	70 - 125	11	25
Chloroform			0.0500	0.04718		mg/L		94	70 - 121	6	25
Ethylbenzene			0.0500	0.05079		mg/L		102	75 - 125	6	25
MTBE			0.0500	0.04428		mg/L		89	65 - 135	7	25
Methylene Chloride			0.0500	0.04152		mg/L		83	71 - 125	8	25
Tetrachloroethene			0.0500	0.05181		mg/L		104	71 - 125	4	25
Toluene			0.0500	0.04816		mg/L		96	75 - 130	5	25
Trichloroethene			0.0500	0.04819		mg/L		96	75 - 135	8	25
Vinyl chloride			0.0500	0.04200		mg/L		84	60 - 140	8	25
cis-1,2-Dichloroethene			0.0500	0.04562		mg/L		91	75 - 125	6	25
trans-1,2-Dichloroethene			0.0500	0.04468		mg/L		89	75 - 125	8	25
o-Xylene			0.0500	0.05074		mg/L		101	75 - 125	6	25
m,p-Xylenes			0.0500	0.05188		mg/L		104	75 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*
Dibromofluoromethane (Surr)	*95*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-257224/4
Matrix: Water
Analysis Batch: 257224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 860-109606-1 MS
Matrix: Water
Analysis Batch: 257224

Client Sample ID: TMW-23
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.000585	U	0.0500	0.05272		mg/L		105	75 - 125
1,1,2,2-Tetrachloroethane	<0.000470	U	0.0500	0.04424		mg/L		88	74 - 125
1,1,2-Trichloroethane	<0.000411	U	0.0500	0.04501		mg/L		90	75 - 127
1,1-Dichloroethane	<0.000635	U	0.0500	0.04725		mg/L		94	72 - 125
1,1-Dichloroethene	<0.000738	U	0.0500	0.04848		mg/L		97	59 - 172
1,2-Dibromoethane	<0.000999	U	0.0500	0.04659		mg/L		93	73 - 125
1,2-Dichloroethane	<0.000372	U	0.0500	0.04913		mg/L		98	68 - 127
1,2-Dichloropropane	<0.000556	U	0.0500	0.04849		mg/L		97	74 - 125
Benzene	<0.000460	U	0.0500	0.05025		mg/L		101	66 - 142
Carbon tetrachloride	<0.000896	U	0.0500	0.05246		mg/L		105	62 - 125
Chloroform	<0.000464	U	0.0500	0.05014		mg/L		100	70 - 130
Ethylbenzene	<0.000385	U	0.0500	0.05249		mg/L		105	75 - 125
MTBE	<0.00139	U	0.0500	0.04666		mg/L		93	65 - 135
Methylene Chloride	<0.00173	U	0.0500	0.04441		mg/L		89	75 - 125
Tetrachloroethene	<0.000655	U	0.0500	0.05399		mg/L		108	71 - 125
Toluene	<0.000475	U	0.0500	0.04986		mg/L		100	59 - 139
Trichloroethene	<0.00150	U	0.0500	0.05167		mg/L		103	62 - 137
Vinyl chloride	<0.000428	U	0.0500	0.04345		mg/L		87	60 - 140
cis-1,2-Dichloroethene	<0.000457	U	0.0500	0.04825		mg/L		97	75 - 125
trans-1,2-Dichloroethene	<0.000368	U	0.0500	0.04849		mg/L		97	75 - 125
o-Xylene	<0.000502	U	0.0500	0.05224		mg/L		104	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.05325		mg/L		107	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*97*		*80 - 120*

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-257084/6
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/23/25 07:43	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/23/25 07:43	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/23/25 07:43	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-257084/6
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		70 - 130		08/23/25 07:43	1
4-Bromofluorobenzene (Surr)	101		70 - 130		08/23/25 07:43	1

Lab Sample ID: LCS 860-257084/3
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 860-257084/4
Matrix: Water
Analysis Batch: 257084

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	91		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-257518/1-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257518

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 19:37	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 19:37	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 19:37	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 19:37	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 19:37	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 19:37	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 19:37	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 19:37	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 19:37	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 19:37	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 19:37	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 19:37	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 19:37	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 19:37	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 19:37	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 19:37	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 19:37	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-257518/1-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257518

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 19:37	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 19:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*35 - 130*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
2-Fluorophenol (Surr)	*117*		*19 - 120*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
Phenol-d5 (Surr)	*88*		*8 - 124*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
Nitrobenzene-d5 (Surr)	*94*		*37 - 133*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 130*	*08/25/25 13:55*	*08/26/25 19:37*	*1*

Lab Sample ID: LCS 860-257518/2-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257518

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	5.682		ug/L		99	52 - 125
1,2,4-Trichlorobenzene	5.71	5.072		ug/L		89	55 - 120
2-Methylnaphthalene	5.71	5.709		ug/L		100	33 - 149
Acenaphthene	5.71	5.424		ug/L		95	48 - 136
1,2-Dichlorobenzene	5.71	5.792		ug/L		101	65 - 130
Acenaphthylene	5.71	5.475		ug/L		96	40 - 149
Anthracene	5.71	6.415		ug/L		112	51 - 146
Benzo[a]anthracene	5.71	5.471		ug/L		96	43 - 145
Benzo[a]pyrene	5.71	5.590		ug/L		98	52 - 136
1,4-Dichlorobenzene	5.71	5.785		ug/L		101	60 - 150
Benzo[b]fluoranthene	5.71	6.133		ug/L		107	45 - 140
Atrazine	5.71	5.892		ug/L		103	46 - 148
Benzo[g,h,i]perylene	5.71	5.379		ug/L		94	44 - 137
Benzo[k]fluoranthene	5.71	5.925		ug/L		104	37 - 140
Pentachlorophenol	5.71	5.751		ug/L		101	33 - 150
Chrysene	5.71	6.164		ug/L		108	47 - 137
Dibenz(a,h)anthracene	5.71	5.893		ug/L		103	50 - 147
Fluoranthene	5.71	6.194		ug/L		108	50 - 144
Fluorene	5.71	5.539		ug/L		97	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	5.189		ug/L		91	46 - 138
Naphthalene	5.71	5.784		ug/L		101	35 - 141
Phenanthrene	5.71	5.712		ug/L		100	54 - 141
Pyrene	5.71	5.924		ug/L		104	50 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*35 - 130*
2-Fluorophenol (Surr)	*116*		*19 - 120*
2-Fluorobiphenyl	*87*		*43 - 130*
Phenol-d5 (Surr)	*99*		*8 - 124*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*
p-Terphenyl-d14 (Surr)	*88*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-257518/3-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257518

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	5.294		ug/L		93	52 - 125	7	30
1,2,4-Trichlorobenzene			5.71	4.890		ug/L		86	55 - 120	4	30
2-Methylnaphthalene			5.71	5.418		ug/L		95	33 - 149	5	30
Acenaphthene			5.71	5.402		ug/L		95	48 - 136	0	30
1,2-Dichlorobenzene			5.71	5.731		ug/L		100	65 - 130	1	30
Acenaphthylene			5.71	5.309		ug/L		93	40 - 149	3	30
Anthracene			5.71	5.812		ug/L		102	51 - 146	10	30
Benzo[a]anthracene			5.71	4.989		ug/L		87	43 - 145	9	30
Benzo[a]pyrene			5.71	5.711		ug/L		100	52 - 136	2	30
1,4-Dichlorobenzene			5.71	5.688		ug/L		100	60 - 150	2	30
Benzo[b]fluoranthene			5.71	5.633		ug/L		99	45 - 140	8	30
Atrazine			5.71	5.672		ug/L		99	46 - 148	4	30
Benzo[g,h,i]perylene			5.71	5.401		ug/L		95	44 - 137	0	30
Benzo[k]fluoranthene			5.71	5.422		ug/L		95	37 - 140	9	30
Pentachlorophenol			5.71	5.865		ug/L		103	33 - 150	2	30
Chrysene			5.71	5.707		ug/L		100	47 - 137	8	30
Dibenz(a,h)anthracene			5.71	5.869		ug/L		103	50 - 147	0	30
Fluoranthene			5.71	5.700		ug/L		100	50 - 144	8	30
Fluorene			5.71	5.576		ug/L		98	54 - 136	1	30
Indeno[1,2,3-cd]pyrene			5.71	4.999		ug/L		87	46 - 138	4	30
Naphthalene			5.71	5.527		ug/L		97	35 - 141	5	30
Phenanthrene			5.71	5.261		ug/L		92	54 - 141	8	30
Pyrene			5.71	5.451		ug/L		95	50 - 143	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*35 - 130*
2-Fluorophenol (Surr)	*108*		*19 - 120*
2-Fluorobiphenyl	*84*		*43 - 130*
Phenol-d5 (Surr)	*92*		*8 - 124*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-257056/1-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000527	U	0.000287	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1221	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1232	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1242	<0.0000527	U	0.000287	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1248	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1254	<0.0000693	U	0.000573	0.0000693	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1260	<0.0000693	U	0.000287	0.0000693	mg/L		08/22/25 13:53	08/25/25 12:00	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 860-257056/1-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257056

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		52 - 134	08/22/25 13:53	08/25/25 12:00	1
DCB Decachlorobiphenyl (Surr)	74		28 - 94	08/22/25 13:53	08/25/25 12:00	1

Lab Sample ID: LCS 860-257056/4-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257056

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00580	0.005821		mg/L		100	75 - 135		
PCB-1260			0.00580	0.005596		mg/L		96	65 - 115		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	83		52 - 134
DCB Decachlorobiphenyl (Surr)	75		28 - 94

Lab Sample ID: LCSD 860-257056/5-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257056

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00590	0.005865		mg/L		99	75 - 135	1	20
PCB-1260			0.00590	0.005686		mg/L		96	65 - 115	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	82		52 - 134
DCB Decachlorobiphenyl (Surr)	75		28 - 94

Lab Sample ID: MB 860-257591/1-A
Matrix: Water
Analysis Batch: 257712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257591

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000560	U	0.000305	0.0000560	mg/L		08/25/25 17:03	08/26/25 11:09	1
PCB-1221	<0.0000560	U	0.000610	0.0000560	mg/L		08/25/25 17:03	08/26/25 11:09	1
PCB-1232	<0.0000560	U	0.000610	0.0000560	mg/L		08/25/25 17:03	08/26/25 11:09	1
PCB-1242	<0.0000560	U	0.000305	0.0000560	mg/L		08/25/25 17:03	08/26/25 11:09	1
PCB-1248	<0.0000560	U	0.000610	0.0000560	mg/L		08/25/25 17:03	08/26/25 11:09	1
PCB-1254	<0.0000737	U	0.000610	0.0000737	mg/L		08/25/25 17:03	08/26/25 11:09	1
PCB-1260	<0.0000737	U	0.000305	0.0000737	mg/L		08/25/25 17:03	08/26/25 11:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		52 - 134	08/25/25 17:03	08/26/25 11:09	1
DCB Decachlorobiphenyl (Surr)	81		28 - 94	08/25/25 17:03	08/26/25 11:09	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 860-257591/4-A
Matrix: Water
Analysis Batch: 257712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257591

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00585	0.004384		mg/L		75	75 - 135		
PCB-1260			0.00585	0.004677		mg/L		80	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*59*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*69*		*28 - 94*

Lab Sample ID: LCSD 860-257591/5-A
Matrix: Water
Analysis Batch: 257712

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257591

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00563	0.004208		mg/L		75	75 - 135	4	20
PCB-1260			0.00563	0.004516		mg/L		80	65 - 115	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*58*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*69*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-256695/13
Matrix: Water
Analysis Batch: 256695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/21/25 14:48	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/21/25 14:48	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/21/25 14:48	1

Lab Sample ID: MB 860-256695/70
Matrix: Water
Analysis Batch: 256695

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/22/25 00:33	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/22/25 00:33	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/22/25 00:33	1

Lab Sample ID: LCS 860-256695/14
Matrix: Water
Analysis Batch: 256695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.495		mg/L		95	90 - 110		
Fluoride			10.0	9.817		mg/L		98	90 - 110		
Sulfate			10.0	10.04		mg/L		100	90 - 110		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-256695/71
Matrix: Water
Analysis Batch: 256695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.323		mg/L		93	90 - 110
Fluoride	10.0	9.845		mg/L		98	90 - 110
Sulfate	10.0	9.796		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-256695/15
Matrix: Water
Analysis Batch: 256695

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.957		mg/L		100	90 - 110	5	20
Fluoride	10.0	10.27		mg/L		103	90 - 110	5	20
Sulfate	10.0	10.54		mg/L		105	90 - 110	5	20

Lab Sample ID: LCSD 860-256695/72
Matrix: Water
Analysis Batch: 256695

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.772		mg/L		98	90 - 110	5	20
Fluoride	10.0	10.30		mg/L		103	90 - 110	4	20
Sulfate	10.0	10.29		mg/L		103	90 - 110	5	20

Lab Sample ID: LLCS 860-256695/17
Matrix: Water
Analysis Batch: 256695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4640	J	mg/L		93	50 - 150
Fluoride	0.500	0.4179	J	mg/L		84	50 - 150
Sulfate	0.500	0.4622	J	mg/L		92	50 - 150

Lab Sample ID: 860-109606-5 MS
Matrix: Water
Analysis Batch: 256695

Client Sample ID: TMW-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	1.73		10.0	12.26		mg/L		105	90 - 110
Sulfate	291		10.0	298.7	4	mg/L		75	90 - 110

Lab Sample ID: 860-109606-5 MSD
Matrix: Water
Analysis Batch: 256695

Client Sample ID: TMW-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	1.73		10.0	12.35		mg/L		106	90 - 110	1	15
Sulfate	291		10.0	300.5	4	mg/L		93	90 - 110	1	15

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-256696/13
Matrix: Water
Analysis Batch: 256696

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/21/25 14:48	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/21/25 14:48	1

Lab Sample ID: MB 860-256696/70
Matrix: Water
Analysis Batch: 256696

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/22/25 00:33	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 00:33	1

Lab Sample ID: LCS 860-256696/14
Matrix: Water
Analysis Batch: 256696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.582		mg/L		96	90 - 110
Nitrite as N	10.0	9.594		mg/L		96	90 - 110

Lab Sample ID: LCS 860-256696/71
Matrix: Water
Analysis Batch: 256696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.519		mg/L		95	90 - 110
Nitrite as N	10.0	9.564		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-256696/15
Matrix: Water
Analysis Batch: 256696

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.03		mg/L		100	90 - 110	5	20
Nitrite as N	10.0	10.04		mg/L		100	90 - 110	5	20

Lab Sample ID: LCSD 860-256696/72
Matrix: Water
Analysis Batch: 256696

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	9.972		mg/L		100	90 - 110	5	20
Nitrite as N	10.0	10.00		mg/L		100	90 - 110	4	20

Lab Sample ID: LLCS 860-256696/16
Matrix: Water
Analysis Batch: 256696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1372		mg/L		137	50 - 150
Nitrite as N	0.100	0.1076		mg/L		108	50 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 860-109606-5 MS
Matrix: Water
Analysis Batch: 256696

Client Sample ID: TMW-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.03		10.0	12.35		mg/L		103	90 - 110
Nitrite as N	<0.0699	U F1	2.50	1.312	F1	mg/L		52	90 - 110

Lab Sample ID: 860-109606-5 MSD
Matrix: Water
Analysis Batch: 256696

Client Sample ID: TMW-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.03		10.0	12.44		mg/L		104	90 - 110	1	15
Nitrite as N	<0.0699	U F1	2.50	1.297	F1	mg/L		52	90 - 110	1	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-257043/1-A
Matrix: Water
Analysis Batch: 257262

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/22/25 13:22	08/23/25 12:55	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/22/25 13:22	08/23/25 12:55	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/22/25 13:22	08/23/25 12:55	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/22/25 13:22	08/23/25 12:55	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/22/25 13:22	08/23/25 12:55	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/22/25 13:22	08/23/25 12:55	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/22/25 13:22	08/23/25 12:55	1

Lab Sample ID: LCS 860-257043/2-A
Matrix: Water
Analysis Batch: 257262

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	26.00		mg/L		104	80 - 120
Iron	5.00	5.190		mg/L		104	80 - 120
Magnesium	25.0	25.30		mg/L		101	80 - 120
Sodium	25.0	25.70		mg/L		103	80 - 120
Sulfur	5.00	5.300		mg/L		106	80 - 125
SiO2	21.4	23.33		mg/L		109	80 - 120
Potassium	10.0	10.40		mg/L		104	80 - 120

Lab Sample ID: LCSD 860-257043/3-A
Matrix: Water
Analysis Batch: 257262

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257043

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	26.00		mg/L		104	80 - 120	0	20
Iron	5.00	5.180		mg/L		104	80 - 120	0	20
Magnesium	25.0	25.30		mg/L		101	80 - 120	0	20
Sodium	25.0	25.90		mg/L		104	80 - 120	1	20
Sulfur	5.00	5.300		mg/L		106	80 - 125	0	20
SiO2	21.4	23.54		mg/L		110	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-257043/3-A
Matrix: Water
Analysis Batch: 257262

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257043

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium			10.0	10.50		mg/L		105	80 - 120	1	20

Lab Sample ID: 860-109606-8 MS
Matrix: Water
Analysis Batch: 257262

Client Sample ID: TMW-20
Prep Type: Total/NA
Prep Batch: 257043

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	169		25.0	187.0	4	mg/L		72	75 - 125
Iron	2.20		5.00	7.120		mg/L		98	75 - 125
Magnesium	15.8		25.0	39.70		mg/L		96	75 - 125
Sodium	133		25.0	158.0	4	mg/L		100	75 - 125
Sulfur	57.4		5.00	61.30	4	mg/L		78	75 - 125
SiO2	79.2	F1	21.4	102.5		mg/L		109	75 - 125
Potassium	3.40		10.0	14.30		mg/L		109	75 - 125

Lab Sample ID: 860-109606-8 MSD
Matrix: Water
Analysis Batch: 257262

Client Sample ID: TMW-20
Prep Type: Total/NA
Prep Batch: 257043

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	169		25.0	194.0	4	mg/L		100	75 - 125	4	20
Iron	2.20		5.00	7.580		mg/L		108	75 - 125	6	20
Magnesium	15.8		25.0	41.10		mg/L		101	75 - 125	3	20
Sodium	133		25.0	160.0	4	mg/L		108	75 - 125	1	20
Sulfur	57.4		5.00	62.80	4	mg/L		108	75 - 125	2	20
SiO2	79.2	F1	21.4	108.7	F1	mg/L		138	75 - 125	6	20
Potassium	3.40		10.0	15.00		mg/L		116	75 - 125	5	20

Lab Sample ID: MB 860-257218/1-A
Matrix: Water
Analysis Batch: 257693

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257218

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/23/25 10:38	08/23/25 17:10	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/23/25 10:38	08/23/25 17:10	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/23/25 10:38	08/23/25 17:10	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/23/25 10:38	08/23/25 17:10	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/23/25 10:38	08/23/25 17:10	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/23/25 10:38	08/23/25 17:10	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/23/25 10:38	08/23/25 17:10	1

Lab Sample ID: LCS 860-257218/2-A
Matrix: Water
Analysis Batch: 257693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257218

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium			25.0	24.70		mg/L		99	80 - 120
Iron			5.00	5.060		mg/L		101	80 - 120
Magnesium			25.0	24.40		mg/L		98	80 - 120
Sodium			25.0	25.40		mg/L		102	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-257218/2-A
Matrix: Water
Analysis Batch: 257693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257218

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	5.00	5.290		mg/L		106	80 - 125
SiO2	21.4	22.90		mg/L		107	80 - 120
Potassium	10.0	10.40		mg/L		104	80 - 120

Lab Sample ID: LCSD 860-257218/3-A
Matrix: Water
Analysis Batch: 257693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257218

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	24.70		mg/L		99	80 - 120	0	20
Iron	5.00	5.070		mg/L		101	80 - 120	0	20
Magnesium	25.0	24.40		mg/L		98	80 - 120	0	20
Sodium	25.0	25.40		mg/L		102	80 - 120	0	20
Sulfur	5.00	5.310		mg/L		106	80 - 125	0	20
SiO2	21.4	22.90		mg/L		107	80 - 120	0	20
Potassium	10.0	10.40		mg/L		104	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-256848/1-B
Matrix: Water
Analysis Batch: 257817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/22/25 13:30	08/25/25 21:35	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/22/25 13:30	08/25/25 21:35	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/22/25 13:30	08/25/25 21:35	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/22/25 13:30	08/25/25 21:35	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/22/25 13:30	08/25/25 21:35	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/22/25 13:30	08/25/25 21:35	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/22/25 13:30	08/25/25 21:35	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/22/25 13:30	08/25/25 21:35	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/22/25 13:30	08/25/25 21:35	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/22/25 13:30	08/25/25 21:35	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/22/25 13:30	08/25/25 21:35	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/22/25 13:30	08/25/25 21:35	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/22/25 13:30	08/25/25 21:35	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/22/25 13:30	08/25/25 21:35	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/22/25 13:30	08/25/25 21:35	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/22/25 13:30	08/25/25 21:35	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/22/25 13:30	08/25/25 21:35	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/22/25 13:30	08/25/25 21:35	1

Lab Sample ID: MB 860-256848/1-B
Matrix: Water
Analysis Batch: 258121

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/22/25 13:30	08/26/25 18:52	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-257042/2-A
Matrix: Water
Analysis Batch: 257817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5026		mg/L		101	80 - 120
Antimony	0.100	0.08378		mg/L		84	80 - 120
Arsenic	0.100	0.1016		mg/L		102	80 - 120
Barium	0.100	0.1042		mg/L		104	80 - 120
Beryllium	0.100	0.09699		mg/L		97	80 - 120
Cadmium	0.100	0.09998		mg/L		100	80 - 120
Chromium	0.100	0.09964		mg/L		100	80 - 120
Cobalt	0.100	0.09967		mg/L		100	80 - 120
Copper	0.100	0.09828		mg/L		98	80 - 120
Lead	0.100	0.1021		mg/L		102	80 - 120
Manganese	0.100	0.1012		mg/L		101	80 - 120
Molybdenum	0.100	0.09469		mg/L		95	80 - 120
Nickel	0.100	0.1001		mg/L		100	80 - 120
Selenium	0.100	0.1028		mg/L		103	80 - 120
Silver	0.0500	0.05023		mg/L		100	80 - 120
Thallium	0.100	0.1066		mg/L		107	80 - 120
Uranium	0.0250	0.02541		mg/L		102	80 - 120
Zinc	0.100	0.1037		mg/L		104	80 - 120

Lab Sample ID: LCS 860-257042/2-A
Matrix: Water
Analysis Batch: 258121

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.08476		mg/L		85	80 - 120

Lab Sample ID: LCSD 860-257042/3-A
Matrix: Water
Analysis Batch: 257817

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257042

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4888		mg/L		98	80 - 120	3	20
Antimony	0.100	0.08552		mg/L		86	80 - 120	2	20
Arsenic	0.100	0.1011		mg/L		101	80 - 120	1	20
Barium	0.100	0.1020		mg/L		102	80 - 120	2	20
Beryllium	0.100	0.09707		mg/L		97	80 - 120	0	20
Cadmium	0.100	0.09938		mg/L		99	80 - 120	1	20
Chromium	0.100	0.1005		mg/L		101	80 - 120	1	20
Cobalt	0.100	0.09891		mg/L		99	80 - 120	1	20
Copper	0.100	0.09797		mg/L		98	80 - 120	0	20
Lead	0.100	0.1006		mg/L		101	80 - 120	1	20
Manganese	0.100	0.09986		mg/L		100	80 - 120	1	20
Molybdenum	0.100	0.09347		mg/L		93	80 - 120	1	20
Nickel	0.100	0.09906		mg/L		99	80 - 120	1	20
Selenium	0.100	0.1032		mg/L		103	80 - 120	0	20
Silver	0.0500	0.04972		mg/L		99	80 - 120	1	20
Thallium	0.100	0.1056		mg/L		106	80 - 120	1	20
Uranium	0.0250	0.02525		mg/L		101	80 - 120	1	20
Zinc	0.100	0.1028		mg/L		103	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCSD 860-257042/3-A
Matrix: Water
Analysis Batch: 258121

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257042

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.08992		mg/L		90	80 - 120	6	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-256969/10-A
Matrix: Water
Analysis Batch: 257150

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 256969

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/22/25 10:30	08/22/25 16:50	1

Lab Sample ID: LCS 860-256969/11-A
Matrix: Water
Analysis Batch: 257150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 256969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.002015		mg/L		101	80 - 120		

Lab Sample ID: LCSD 860-256969/12-A
Matrix: Water
Analysis Batch: 257150

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 256969

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.002012		mg/L		101	80 - 120	0	20

Lab Sample ID: 860-109606-1 MS
Matrix: Water
Analysis Batch: 257150

Client Sample ID: TMW-23
Prep Type: Total/NA
Prep Batch: 256969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.0000706	U	0.00200	0.002319		mg/L		116	75 - 125		

Lab Sample ID: 860-109606-1 MSD
Matrix: Water
Analysis Batch: 257150

Client Sample ID: TMW-23
Prep Type: Total/NA
Prep Batch: 256969

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.0000706	U	0.00200	0.002298		mg/L		115	75 - 125	1	20

Lab Sample ID: MB 860-257508/1-A
Matrix: Water
Analysis Batch: 257944

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257508

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/25/25 13:35	08/25/25 21:30	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 860-257508/2-A
Matrix: Water
Analysis Batch: 257944

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257508

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001963		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-257508/3-A
Matrix: Water
Analysis Batch: 257944

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257508

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001998		mg/L		100	80 - 120	2	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-257637/16
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 16:06	1

Lab Sample ID: LCS 860-257637/17
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09980		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-257637/18
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.1009		mg/L		101	90 - 110	1	20

Method: 9040C - pH

Lab Sample ID: 860-109606-6 DU
Matrix: Water
Analysis Batch: 258219

Client Sample ID: TMW-40
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.41	HF	7.400		SU		0.1	20
Temperature	19.7	HF	19.90		Degrees C		1	20
Corrosivity	7.41	HF	7.400		SU		0.1	

Lab Sample ID: 860-109606-5 DU
Matrix: Water
Analysis Batch: 258265

Client Sample ID: TMW-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.52	HF	7.510		SU		0.1	20
Temperature	14.6	HF	14.90		Degrees C		2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: 9040C - pH (Continued)

Lab Sample ID: 860-109606-5 DU
Matrix: Water
Analysis Batch: 258265

Client Sample ID: TMW-07
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Corrosivity	7.52	HF	7.510		SU		0.1	

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-257165/24
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 12:45	1

Lab Sample ID: MB 860-257165/66
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/22/25 14:50	1

Lab Sample ID: LCS 860-257165/67
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.09807		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-257165/68
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.09947		mg/L		99	90 - 110	1	20

Lab Sample ID: LLCS 860-257165/27
Matrix: Water
Analysis Batch: 257165

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.004780	J	mg/L		96	50 - 150

Lab Sample ID: MB 860-258042/24
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 17:53	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: MB 860-258042/64
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 19:53	1

Lab Sample ID: LCS 860-258042/25
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.09996		mg/L		100	90 - 110

Lab Sample ID: LCS 860-258042/65
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.1024		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-258042/26
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.1046		mg/L		105	90 - 110	5	20

Lab Sample ID: LCSD 860-258042/66
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.1033		mg/L		103	90 - 110	1	20

Lab Sample ID: LLCS 860-258042/27
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.004909	J	mg/L		98	50 - 150

Lab Sample ID: 860-109606-8 MS
Matrix: Water
Analysis Batch: 258042

Client Sample ID: TMW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00940		0.100	0.1135		mg/L		104	90 - 110

Lab Sample ID: 860-109606-8 MSD
Matrix: Water
Analysis Batch: 258042

Client Sample ID: TMW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.00940		0.100	0.1161		mg/L		107	90 - 110	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-258446/24
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/27/25 21:44	1

Lab Sample ID: LCS 860-258446/25
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.1083		mg/L		108	90 - 110

Lab Sample ID: LCSD 860-258446/26
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.1085		mg/L		109	90 - 110	0	20

Lab Sample ID: LLCS 860-258446/27
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.005659		mg/L		113	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-258255/34
Matrix: Water
Analysis Batch: 258255

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 14:04	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/27/25 14:04	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/27/25 14:04	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 14:04	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 14:04	1

Lab Sample ID: LCS 860-258255/35
Matrix: Water
Analysis Batch: 258255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	251.8		mg/L		101	85 - 115

Lab Sample ID: LCSD 860-258255/36
Matrix: Water
Analysis Batch: 258255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	249.0		mg/L		100	85 - 115	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 860-109606-2 DU
Matrix: Water
Analysis Batch: 258255

Client Sample ID: Windmill Well
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	180		176.4		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	180		176.4		mg/L		2	20
Carbonate Alkalinity as CaCO3	<4.00	U	<4.00	U	mg/L		NC	20
Hydroxide Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20
Phenolphthalein Alkalinity	<4.00	U	<4.00	U	mg/L		NC	20

Lab Sample ID: MB 860-258349/3
Matrix: Water
Analysis Batch: 258349

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/27/25 18:26	1

Lab Sample ID: LCS 860-258349/4
Matrix: Water
Analysis Batch: 258349

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	250.6		mg/L		100	85 - 115

Lab Sample ID: LCSD 860-258349/5
Matrix: Water
Analysis Batch: 258349

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	250.5		mg/L		100	85 - 115	0	20

Lab Sample ID: MB 860-258600/3
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1

Lab Sample ID: LCS 860-258600/4
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	249.1		mg/L		100	85 - 115

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 860-258600/5
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	239.8		mg/L		96	85 - 115	5	20

Lab Sample ID: 860-109606-8 DU
Matrix: Water
Analysis Batch: 258600

Client Sample ID: TMW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	140			137.4		mg/L				2	20
Bicarbonate Alkalinity as CaCO3	140			137.4		mg/L				2	20
Carbonate Alkalinity as CaCO3	<4.00	U		<4.00	U	mg/L				NC	20
Hydroxide Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20
Phenolphthalein Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258145/1
Matrix: Water
Analysis Batch: 258145

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/27/25 13:17	1

Lab Sample ID: LCS 860-258145/2
Matrix: Water
Analysis Batch: 258145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	961.0		mg/L		96	80 - 120		

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

GC/MS VOA

Analysis Batch: 257084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	8260D SIM	
860-109606-2	Windmill Well	Total/NA	Water	8260D SIM	
860-109606-3	TMW-22	Total/NA	Water	8260D SIM	
860-109606-4	TMW-08	Total/NA	Water	8260D SIM	
860-109606-5	TMW-07	Total/NA	Water	8260D SIM	
860-109606-6	TMW-40	Total/NA	Water	8260D SIM	
860-109606-7	TMW-19	Total/NA	Water	8260D SIM	
860-109606-8	TMW-20	Total/NA	Water	8260D SIM	
MB 860-257084/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-257084/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-257084/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 257224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	8260D	
860-109606-2	Windmill Well	Total/NA	Water	8260D	
860-109606-3	TMW-22	Total/NA	Water	8260D	
860-109606-4	TMW-08	Total/NA	Water	8260D	
860-109606-5	TMW-07	Total/NA	Water	8260D	
860-109606-6	TMW-40	Total/NA	Water	8260D	
860-109606-7	TMW-19	Total/NA	Water	8260D	
860-109606-8	TMW-20	Total/NA	Water	8260D	
MB 860-257224/8	Method Blank	Total/NA	Water	8260D	
LCS 860-257224/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-257224/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-109606-1 MS	TMW-23	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 257518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	3511	
860-109606-2	Windmill Well	Total/NA	Water	3511	
860-109606-3	TMW-22	Total/NA	Water	3511	
860-109606-4	TMW-08	Total/NA	Water	3511	
860-109606-5	TMW-07	Total/NA	Water	3511	
860-109606-6	TMW-40	Total/NA	Water	3511	
860-109606-7	TMW-19	Total/NA	Water	3511	
860-109606-8	TMW-20	Total/NA	Water	3511	
MB 860-257518/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257518/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257518/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257518/1-A	Method Blank	Total/NA	Water	8270E	257518
LCS 860-257518/2-A	Lab Control Sample	Total/NA	Water	8270E	257518
LCSD 860-257518/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	257518

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

GC/MS Semi VOA

Analysis Batch: 257749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	8270E	257518
860-109606-2	Windmill Well	Total/NA	Water	8270E	257518
860-109606-3	TMW-22	Total/NA	Water	8270E	257518
860-109606-4	TMW-08	Total/NA	Water	8270E	257518
860-109606-5	TMW-07	Total/NA	Water	8270E	257518
860-109606-6	TMW-40	Total/NA	Water	8270E	257518
860-109606-7	TMW-19	Total/NA	Water	8270E	257518
860-109606-8	TMW-20	Total/NA	Water	8270E	257518

GC Semi VOA

Prep Batch: 257056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	3511	
860-109606-2	Windmill Well	Total/NA	Water	3511	
860-109606-3	TMW-22	Total/NA	Water	3511	
860-109606-4	TMW-08	Total/NA	Water	3511	
860-109606-5	TMW-07	Total/NA	Water	3511	
860-109606-6	TMW-40	Total/NA	Water	3511	
MB 860-257056/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257056/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257056/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	8082A	257056
860-109606-2	Windmill Well	Total/NA	Water	8082A	257056
860-109606-3	TMW-22	Total/NA	Water	8082A	257056
860-109606-4	TMW-08	Total/NA	Water	8082A	257056
860-109606-5	TMW-07	Total/NA	Water	8082A	257056
860-109606-6	TMW-40	Total/NA	Water	8082A	257056
MB 860-257056/1-A	Method Blank	Total/NA	Water	8082A	257056
LCS 860-257056/4-A	Lab Control Sample	Total/NA	Water	8082A	257056
LCSD 860-257056/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	257056

Prep Batch: 257591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-7	TMW-19	Total/NA	Water	3511	
860-109606-8	TMW-20	Total/NA	Water	3511	
MB 860-257591/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257591/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257591/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-7	TMW-19	Total/NA	Water	8082A	257591
860-109606-8	TMW-20	Total/NA	Water	8082A	257591
MB 860-257591/1-A	Method Blank	Total/NA	Water	8082A	257591
LCS 860-257591/4-A	Lab Control Sample	Total/NA	Water	8082A	257591
LCSD 860-257591/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	257591

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

HPLC/IC

Analysis Batch: 256695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	300.0	
860-109606-1 - DL	TMW-23	Total/NA	Water	300.0	
860-109606-2	Windmill Well	Total/NA	Water	300.0	
860-109606-2 - DL	Windmill Well	Total/NA	Water	300.0	
860-109606-3	TMW-22	Total/NA	Water	300.0	
860-109606-4	TMW-08	Total/NA	Water	300.0	
860-109606-5	TMW-07	Total/NA	Water	300.0	
860-109606-5 - DL	TMW-07	Total/NA	Water	300.0	
860-109606-6	TMW-40	Total/NA	Water	300.0	
860-109606-7	TMW-19	Total/NA	Water	300.0	
860-109606-7 - DL	TMW-19	Total/NA	Water	300.0	
860-109606-8	TMW-20	Total/NA	Water	300.0	
MB 860-256695/13	Method Blank	Total/NA	Water	300.0	
MB 860-256695/70	Method Blank	Total/NA	Water	300.0	
LCS 860-256695/14	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-256695/71	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256695/15	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-256695/72	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256695/17	Lab Control Sample	Total/NA	Water	300.0	
860-109606-5 MS	TMW-07	Total/NA	Water	300.0	
860-109606-5 MSD	TMW-07	Total/NA	Water	300.0	

Analysis Batch: 256696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	300.0	
860-109606-2	Windmill Well	Total/NA	Water	300.0	
860-109606-3	TMW-22	Total/NA	Water	300.0	
860-109606-4	TMW-08	Total/NA	Water	300.0	
860-109606-5	TMW-07	Total/NA	Water	300.0	
860-109606-6	TMW-40	Total/NA	Water	300.0	
860-109606-7	TMW-19	Total/NA	Water	300.0	
860-109606-8	TMW-20	Total/NA	Water	300.0	
MB 860-256696/13	Method Blank	Total/NA	Water	300.0	
MB 860-256696/70	Method Blank	Total/NA	Water	300.0	
LCS 860-256696/14	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-256696/71	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256696/15	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-256696/72	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256696/16	Lab Control Sample	Total/NA	Water	300.0	
860-109606-5 MS	TMW-07	Total/NA	Water	300.0	
860-109606-5 MSD	TMW-07	Total/NA	Water	300.0	

Metals

Filtration Batch: 256848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256848/1-B	Method Blank	Total/NA	Water	Filtration	

Prep Batch: 256969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	7470A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Metals (Continued)

Prep Batch: 256969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-2	Windmill Well	Total/NA	Water	7470A	
860-109606-3	TMW-22	Total/NA	Water	7470A	
860-109606-5	TMW-07	Total/NA	Water	7470A	
860-109606-6	TMW-40	Total/NA	Water	7470A	
860-109606-7	TMW-19	Total/NA	Water	7470A	
860-109606-8	TMW-20	Total/NA	Water	7470A	
MB 860-256969/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-256969/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-256969/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
860-109606-1 MS	TMW-23	Total/NA	Water	7470A	
860-109606-1 MSD	TMW-23	Total/NA	Water	7470A	

Prep Batch: 257042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	3010A	
860-109606-2	Windmill Well	Total/NA	Water	3010A	
860-109606-3	TMW-22	Total/NA	Water	3010A	
860-109606-4	TMW-08	Total/NA	Water	3010A	
860-109606-5	TMW-07	Total/NA	Water	3010A	
860-109606-6	TMW-40	Total/NA	Water	3010A	
860-109606-7	TMW-19	Total/NA	Water	3010A	
860-109606-8	TMW-20	Total/NA	Water	3010A	
MB 860-256848/1-B	Method Blank	Total/NA	Water	3010A	256848
LCS 860-257042/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257042/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 257043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-6	TMW-40	Total/NA	Water	3010A	
860-109606-8	TMW-20	Total/NA	Water	3010A	
MB 860-257043/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-257043/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257043/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-109606-8 MS	TMW-20	Total/NA	Water	3010A	
860-109606-8 MSD	TMW-20	Total/NA	Water	3010A	

Analysis Batch: 257150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	7470A	256969
860-109606-2	Windmill Well	Total/NA	Water	7470A	256969
860-109606-3	TMW-22	Total/NA	Water	7470A	256969
860-109606-5	TMW-07	Total/NA	Water	7470A	256969
860-109606-6	TMW-40	Total/NA	Water	7470A	256969
860-109606-7	TMW-19	Total/NA	Water	7470A	256969
860-109606-8	TMW-20	Total/NA	Water	7470A	256969
MB 860-256969/10-A	Method Blank	Total/NA	Water	7470A	256969
LCS 860-256969/11-A	Lab Control Sample	Total/NA	Water	7470A	256969
LCSD 860-256969/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	256969
860-109606-1 MS	TMW-23	Total/NA	Water	7470A	256969
860-109606-1 MSD	TMW-23	Total/NA	Water	7470A	256969

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Metals

Prep Batch: 257218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	3010A	
860-109606-2	Windmill Well	Total/NA	Water	3010A	
860-109606-3	TMW-22	Total/NA	Water	3010A	
860-109606-4	TMW-08	Total/NA	Water	3010A	
860-109606-5	TMW-07	Total/NA	Water	3010A	
860-109606-7	TMW-19	Total/NA	Water	3010A	
MB 860-257218/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-257218/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257218/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 257262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-6	TMW-40	Total/NA	Water	6010D	257043
860-109606-6	TMW-40	Total/NA	Water	6010D	257043
860-109606-8	TMW-20	Total/NA	Water	6010D	257043
860-109606-8	TMW-20	Total/NA	Water	6010D	257043
MB 860-257043/1-A	Method Blank	Total/NA	Water	6010D	257043
LCS 860-257043/2-A	Lab Control Sample	Total/NA	Water	6010D	257043
LCSD 860-257043/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	257043
860-109606-8 MS	TMW-20	Total/NA	Water	6010D	257043
860-109606-8 MSD	TMW-20	Total/NA	Water	6010D	257043

Prep Batch: 257508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-4	TMW-08	Total/NA	Water	7470A	
MB 860-257508/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-257508/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-257508/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 257693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	6010D	257218
860-109606-1	TMW-23	Total/NA	Water	6010D	257218
860-109606-2	Windmill Well	Total/NA	Water	6010D	257218
860-109606-2	Windmill Well	Total/NA	Water	6010D	257218
860-109606-3	TMW-22	Total/NA	Water	6010D	257218
860-109606-3	TMW-22	Total/NA	Water	6010D	257218
860-109606-4	TMW-08	Total/NA	Water	6010D	257218
860-109606-4	TMW-08	Total/NA	Water	6010D	257218
860-109606-5	TMW-07	Total/NA	Water	6010D	257218
860-109606-5	TMW-07	Total/NA	Water	6010D	257218
860-109606-7	TMW-19	Total/NA	Water	6010D	257218
860-109606-7	TMW-19	Total/NA	Water	6010D	257218
MB 860-257218/1-A	Method Blank	Total/NA	Water	6010D	257218
LCS 860-257218/2-A	Lab Control Sample	Total/NA	Water	6010D	257218
LCSD 860-257218/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	257218

Analysis Batch: 257816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-6	TMW-40	Total/NA	Water	6010D	257043

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Metals

Analysis Batch: 257817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	6020B	257042
860-109606-2	Windmill Well	Total/NA	Water	6020B	257042
860-109606-3	TMW-22	Total/NA	Water	6020B	257042
860-109606-4	TMW-08	Total/NA	Water	6020B	257042
860-109606-5	TMW-07	Total/NA	Water	6020B	257042
860-109606-6	TMW-40	Total/NA	Water	6020B	257042
860-109606-6	TMW-40	Total/NA	Water	6020B	257042
860-109606-7	TMW-19	Total/NA	Water	6020B	257042
860-109606-8	TMW-20	Total/NA	Water	6020B	257042
MB 860-256848/1-B	Method Blank	Total/NA	Water	6020B	257042
LCS 860-257042/2-A	Lab Control Sample	Total/NA	Water	6020B	257042
LCSD 860-257042/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	257042

Analysis Batch: 257944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-4	TMW-08	Total/NA	Water	7470A	257508
MB 860-257508/1-A	Method Blank	Total/NA	Water	7470A	257508
LCS 860-257508/2-A	Lab Control Sample	Total/NA	Water	7470A	257508
LCSD 860-257508/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	257508

Analysis Batch: 258121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	6020B	257042
860-109606-2	Windmill Well	Total/NA	Water	6020B	257042
860-109606-3	TMW-22	Total/NA	Water	6020B	257042
860-109606-4	TMW-08	Total/NA	Water	6020B	257042
860-109606-5	TMW-07	Total/NA	Water	6020B	257042
860-109606-6	TMW-40	Total/NA	Water	6020B	257042
860-109606-7	TMW-19	Total/NA	Water	6020B	257042
860-109606-8	TMW-20	Total/NA	Water	6020B	257042
MB 860-256848/1-B	Method Blank	Total/NA	Water	6020B	257042
LCS 860-257042/2-A	Lab Control Sample	Total/NA	Water	6020B	257042
LCSD 860-257042/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	257042

General Chemistry

Analysis Batch: 256976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	SM 1030E	
860-109606-2	Windmill Well	Total/NA	Water	SM 1030E	
860-109606-3	TMW-22	Total/NA	Water	SM 1030E	
860-109606-4	TMW-08	Total/NA	Water	SM 1030E	
860-109606-5	TMW-07	Total/NA	Water	SM 1030E	
860-109606-6	TMW-40	Total/NA	Water	SM 1030E	
860-109606-7	TMW-19	Total/NA	Water	SM 1030E	
860-109606-8	TMW-20	Total/NA	Water	SM 1030E	

Analysis Batch: 257165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	Kelada 01	
860-109606-2	Windmill Well	Total/NA	Water	Kelada 01	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

General Chemistry (Continued)

Analysis Batch: 257165 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257165/24	Method Blank	Total/NA	Water	Kelada 01	
MB 860-257165/66	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-257165/67	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-257165/68	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-257165/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 257637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	420.4	
860-109606-2	Windmill Well	Total/NA	Water	420.4	
860-109606-3	TMW-22	Total/NA	Water	420.4	
860-109606-4	TMW-08	Total/NA	Water	420.4	
860-109606-5	TMW-07	Total/NA	Water	420.4	
860-109606-6	TMW-40	Total/NA	Water	420.4	
860-109606-7	TMW-19	Total/NA	Water	420.4	
860-109606-8	TMW-20	Total/NA	Water	420.4	
MB 860-257637/16	Method Blank	Total/NA	Water	420.4	
LCS 860-257637/17	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-257637/18	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 257924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-8	TMW-20	Total/NA	Water	9040C	

Analysis Batch: 258042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-3	TMW-22	Total/NA	Water	Kelada 01	
860-109606-4	TMW-08	Total/NA	Water	Kelada 01	
860-109606-6	TMW-40	Total/NA	Water	Kelada 01	
860-109606-7	TMW-19	Total/NA	Water	Kelada 01	
860-109606-8	TMW-20	Total/NA	Water	Kelada 01	
MB 860-258042/24	Method Blank	Total/NA	Water	Kelada 01	
MB 860-258042/64	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-258042/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCS 860-258042/65	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-258042/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LCSD 860-258042/66	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-258042/27	Lab Control Sample	Total/NA	Water	Kelada 01	
860-109606-8 MS	TMW-20	Total/NA	Water	Kelada 01	
860-109606-8 MSD	TMW-20	Total/NA	Water	Kelada 01	

Analysis Batch: 258145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	SM 2540C	
860-109606-2	Windmill Well	Total/NA	Water	SM 2540C	
860-109606-3	TMW-22	Total/NA	Water	SM 2540C	
860-109606-4	TMW-08	Total/NA	Water	SM 2540C	
860-109606-5	TMW-07	Total/NA	Water	SM 2540C	
860-109606-6	TMW-40	Total/NA	Water	SM 2540C	
860-109606-7	TMW-19	Total/NA	Water	SM 2540C	
860-109606-8	TMW-20	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

General Chemistry (Continued)

Analysis Batch: 258145 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-258145/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258145/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 258219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-3	TMW-22	Total/NA	Water	9040C	
860-109606-4	TMW-08	Total/NA	Water	9040C	
860-109606-5	TMW-07	Total/NA	Water	9040C	
860-109606-6	TMW-40	Total/NA	Water	9040C	
860-109606-7	TMW-19	Total/NA	Water	9040C	
860-109606-6 DU	TMW-40	Total/NA	Water	9040C	

Analysis Batch: 258255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	SM 2320B	
860-109606-2	Windmill Well	Total/NA	Water	SM 2320B	
MB 860-258255/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258255/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258255/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-109606-2 DU	Windmill Well	Total/NA	Water	SM 2320B	

Analysis Batch: 258265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-5 DU	TMW-07	Total/NA	Water	9040C	

Analysis Batch: 258349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-3	TMW-22	Total/NA	Water	SM 2320B	
860-109606-4	TMW-08	Total/NA	Water	SM 2320B	
860-109606-5	TMW-07	Total/NA	Water	SM 2320B	
860-109606-6	TMW-40	Total/NA	Water	SM 2320B	
860-109606-7	TMW-19	Total/NA	Water	SM 2320B	
MB 860-258349/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258349/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258349/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 258446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-5	TMW-07	Total/NA	Water	Kelada 01	
MB 860-258446/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-258446/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-258446/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-258446/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 258600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-8	TMW-20	Total/NA	Water	SM 2320B	
MB 860-258600/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258600/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258600/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-109606-8 DU	TMW-20	Total/NA	Water	SM 2320B	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

General Chemistry

Analysis Batch: 258618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	9040C	
860-109606-2	Windmill Well	Total/NA	Water	9040C	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-23

Date Collected: 08/20/25 09:40
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 15:17	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 10:27	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 14:47	LPL	EET HOU
Total/NA	Prep	3511			42.6 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 17:19	WP	EET HOU
Total/NA	Analysis	300.0		1			256695	08/21/25 23:12	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/21/25 23:12	AK1	EET HOU
Total/NA	Analysis	300.0	DL	10			256695	08/21/25 23:20	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		1			257693	08/23/25 18:04	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		50			257693	08/23/25 18:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:22	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		5			258121	08/26/25 19:11	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256969	08/22/25 10:30	AGR	EET HOU
Total/NA	Analysis	7470A		1			257150	08/22/25 17:00	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 16:57	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:47	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 15:17	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/23/25 18:10	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258255	08/27/25 14:46	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	5 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Client Sample ID: Windmill Well

Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 18:01	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 10:48	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 15:15	LPL	EET HOU
Total/NA	Prep	3511			40.8 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 17:30	WP	EET HOU
Total/NA	Analysis	300.0		1			256695	08/21/25 23:28	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/21/25 23:28	AK1	EET HOU
Total/NA	Analysis	300.0	DL	10			256695	08/21/25 23:37	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		1			257693	08/23/25 18:05	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: Windmill Well

Lab Sample ID: 860-109606-2
Matrix: Water
Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		50			257693	08/23/25 18:11	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:25	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			258121	08/26/25 19:14	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256969	08/22/25 10:30	AGR	EET HOU
Total/NA	Analysis	7470A		1			257150	08/22/25 17:13	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 16:59	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:56	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	257165	08/22/25 15:32	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/23/25 18:11	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258255	08/27/25 14:22	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Client Sample ID: TMW-22

Lab Sample ID: 860-109606-3
Matrix: Water
Date Collected: 08/20/25 12:45
Date Received: 08/21/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 18:22	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 11:08	NA	EET HOU
Total/NA	Prep	3511			69 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 15:43	LPL	EET HOU
Total/NA	Prep	3511			40.6 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 17:42	WP	EET HOU
Total/NA	Analysis	300.0		1			256695	08/21/25 23:45	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/21/25 23:45	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		1			257693	08/23/25 18:07	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		50			257693	08/23/25 18:13	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:28	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			258121	08/26/25 19:16	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256969	08/22/25 10:30	AGR	EET HOU
Total/NA	Analysis	7470A		1			257150	08/22/25 17:17	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:02	BW	EET HOU
Total/NA	Analysis	9040C		1			258219	08/27/25 15:43	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 21:02	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/23/25 18:13	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258349	08/27/25 19:49	VS	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-22
Date Collected: 08/20/25 12:45
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Client Sample ID: TMW-08
Date Collected: 08/20/25 14:15
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 18:42	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 11:29	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 16:12	LPL	EET HOU
Total/NA	Prep	3511			40.6 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 17:53	WP	EET HOU
Total/NA	Analysis	300.0		1			256695	08/22/25 00:01	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/22/25 00:01	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		1			257693	08/23/25 18:08	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		50			257693	08/23/25 18:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:31	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		5			258121	08/26/25 19:20	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	257508	08/25/25 13:35	AGR	EET HOU
Total/NA	Analysis	7470A		1			257944	08/25/25 22:31	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:05	BW	EET HOU
Total/NA	Analysis	9040C		1			258219	08/27/25 15:40	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 19:23	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/23/25 18:14	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258349	08/27/25 19:55	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Client Sample ID: TMW-07
Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 19:03	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 11:49	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 16:40	LPL	EET HOU
Total/NA	Prep	3511			38 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 18:05	WP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-07

Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			256695	08/22/25 00:57	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/22/25 00:57	AK1	EET HOU
Total/NA	Analysis	300.0	DL	10			256695	08/22/25 01:05	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		1			257693	08/23/25 18:18	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		50			257693	08/23/25 18:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:34	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		5			258121	08/26/25 19:28	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256969	08/22/25 10:30	AGR	EET HOU
Total/NA	Analysis	7470A		1			257150	08/22/25 17:27	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:07	BW	EET HOU
Total/NA	Analysis	9040C		1			258219	08/27/25 15:45	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258446	08/27/25 22:30	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/23/25 18:27	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258349	08/27/25 19:37	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Client Sample ID: TMW-40

Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 19:23	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 12:10	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 17:08	LPL	EET HOU
Total/NA	Prep	3511			40.6 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 18:16	WP	EET HOU
Total/NA	Analysis	300.0		1			256695	08/22/25 01:30	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/22/25 01:30	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257043	08/22/25 13:22	MD	EET HOU
Total/NA	Analysis	6010D		1			257262	08/23/25 13:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257043	08/22/25 13:22	MD	EET HOU
Total/NA	Analysis	6010D		50			257262	08/23/25 14:01	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257043	08/22/25 13:22	MD	EET HOU
Total/NA	Analysis	6010D		10			257816	08/26/25 13:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:36	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		5			257817	08/25/25 22:40	DP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-40

Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		5			258121	08/26/25 19:32	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256969	08/22/25 10:30	AGR	EET HOU
Total/NA	Analysis	7470A		1			257150	08/22/25 17:30	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:21	BW	EET HOU
Total/NA	Analysis	9040C		1			258219	08/27/25 15:33	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 20:35	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/26/25 13:48	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258349	08/27/25 19:43	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Client Sample ID: TMW-19

Date Collected: 08/20/25 09:15
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 19:44	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 12:30	NA	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 17:36	LPL	EET HOU
Total/NA	Prep	3511			41.5 mL	5 mL	257591	08/25/25 17:03	CT	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257712	08/26/25 12:27	WP	EET HOU
Total/NA	Analysis	300.0		1			256695	08/22/25 02:02	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/22/25 02:02	AK1	EET HOU
Total/NA	Analysis	300.0	DL	10			256695	08/22/25 02:10	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		1			257693	08/23/25 18:20	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257218	08/23/25 10:38	AGR	EET HOU
Total/NA	Analysis	6010D		50			257693	08/23/25 18:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:42	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			258121	08/26/25 19:34	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256969	08/22/25 10:30	AGR	EET HOU
Total/NA	Analysis	7470A		1			257150	08/22/25 17:34	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:23	BW	EET HOU
Total/NA	Analysis	9040C		1			258219	08/27/25 15:49	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 21:17	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/23/25 18:29	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258349	08/27/25 19:09	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Client Sample ID: TMW-20
Date Collected: 08/20/25 11:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257224	08/23/25 20:04	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257084	08/23/25 12:51	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 18:05	LPL	EET HOU
Total/NA	Prep	3511			40 mL	5 mL	257591	08/25/25 17:03	CT	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257712	08/26/25 12:39	WP	EET HOU
Total/NA	Analysis	300.0		1			256695	08/22/25 02:19	HN	EET HOU
Total/NA	Analysis	300.0		1			256696	08/22/25 02:19	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257043	08/22/25 13:22	MD	EET HOU
Total/NA	Analysis	6010D		1			257262	08/23/25 13:00	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257043	08/22/25 13:22	MD	EET HOU
Total/NA	Analysis	6010D		5			257262	08/23/25 13:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			257817	08/25/25 22:45	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020B		1			258121	08/26/25 19:37	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	256969	08/22/25 10:30	AGR	EET HOU
Total/NA	Analysis	7470A		1			257150	08/22/25 17:37	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:26	BW	EET HOU
Total/NA	Analysis	9040C		1			257924	08/26/25 17:22	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 20:11	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			256976	08/23/25 13:09	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 11:30	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	258145	08/27/25 13:17	AP	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Calculated TDS
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109606-1	TMW-23	Water	08/20/25 09:40	08/21/25 08:54	Texas
860-109606-2	Windmill Well	Water	08/20/25 10:40	08/21/25 08:54	Texas
860-109606-3	TMW-22	Water	08/20/25 12:45	08/21/25 08:54	Texas
860-109606-4	TMW-08	Water	08/20/25 14:15	08/21/25 08:54	Texas
860-109606-5	TMW-07	Water	08/20/25 14:20	08/21/25 08:54	Texas
860-109606-6	TMW-40	Water	08/20/25 11:50	08/21/25 08:54	Texas
860-109606-7	TMW-19	Water	08/20/25 09:15	08/21/25 08:54	Texas
860-109606-8	TMW-20	Water	08/20/25 11:20	08/21/25 08:54	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Test

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com
Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other:

Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, OW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N	
TMW-23	8.20.25	0940	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20
Windmill Well	8.20.25	1040	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																

860-109606 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I II III IV Other (specify)

Method of Shipment:

Empty Kit Relinquished by: Date: Time:

	Date/Time	Company		Date/Time	Company
Relinquished by:	8.20.25 1600		Received by:		
Relinquished by:			Received by: Nuevo	8-21-25 854	
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.9/2.7 Nov 368

Ver: 05/06/2024

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
			Job #:

Client Information

Client Contact: John Grams	PWSID:	
Company: Terracon Consulting Eng & Scientists	Due Date Requested:	
Address: 5847 50th St	TAT Requested (days):	
City: Lubbock	Compliance Project: Δ Yes Δ No	
State, Zip: TX, 79424	PO #: Purchase Order not required	
Phone:	WO #:	
Email: john.grams@terracon.com	Project #: 88002619	
Project Name: EBDU 37	SSOW#:	
Site:		

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-22	8.20.25	1245	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-08	8.20.25	1415	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 8.20.25 1600	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-21-25 0854	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0/2.8

Ver: 05/06/2024

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information

Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-~~24~~07	8.20.25	1420	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-40	8.20.25	1150	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

	Date:	Time:	Method of Shipment:
Empty Kit Relinquished by:			
Relinquished by:	Date/Time: 8 20 25 1600	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by: Nuoma
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:			Cooler Temperature(s) °C and Other Remarks: 2.6 / 2 4

Received by:	Date/Time:	Company
Received by: Nuoma	Date/Time: 8-21-25 854	Company
Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-19	8.20.25	0915	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-20	8.20.25	1120	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I II, III IV Other (specify)

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	8.20.25 1600		Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.3/3.1

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109606-1

Login Number: 109606 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/18/2025 4:57:40 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109606-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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9/18/2025 4:57:40 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109606-2

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109606-2
Project: EBDU 37

Job ID: 860-109606-2 Eurofins Houston

Job Narrative
860-109606-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/21/2025 8:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.4°C, 2.7°C, 2.8°C and 3.1°C.

Receipt Exceptions
The reference method requires samples to have a pH of less than 2. The following sample was received with a pH of 7: TMW-23 (860-109606-1). The sample was adjusted to the appropriate pH in the laboratory.

Affected container:
C-1

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 733830

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: TMW-23 (860-109606-1), Windmill Well (860-109606-2), TMW-22 (860-109606-3), TMW-08 (860-109606-4), TMW-07 (860-109606-5), TMW-40 (860-109606-6), TMW-19 (860-109606-7) and TMW-20 (860-109606-8). Analytical results are reported with the detection limit achieved.

Method 904.0: Radium-228 prep batch 160-733834:

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: TMW-22 (860-109606-3), TMW-08 (860-109606-4), TMW-07 (860-109606-5), TMW-40 (860-109606-6) and TMW-20 (860-109606-8) . Analytical results are reported with the detection limit achieved.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: TMW-23 — Lab Sample ID: 860-109606-1

No Detections.

Client Sample ID: Windmill Well — Lab Sample ID: 860-109606-2

No Detections.

Client Sample ID: TMW-22 — Lab Sample ID: 860-109606-3

No Detections.

Client Sample ID: TMW-08 — Lab Sample ID: 860-109606-4

No Detections.

Client Sample ID: TMW-07 — Lab Sample ID: 860-109606-5

No Detections.

Client Sample ID: TMW-40 — Lab Sample ID: 860-109606-6

No Detections.

Client Sample ID: TMW-19 — Lab Sample ID: 860-109606-7

No Detections.

Client Sample ID: TMW-20 — Lab Sample ID: 860-109606-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: TMW-23

Lab Sample ID: 860-109606-1
Matrix: Water
Date Collected: 08/20/25 09:40
Date Received: 08/21/25 08:54

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**24.4**	**G**	15.8	16.0	3.00	22.7	pCi/L	08/27/25 08:26	08/28/25 19:30	1
Gross Beta	**11.2**	**G**	6.92	7.01	4.00	10.3	pCi/L	08/27/25 08:26	08/28/25 19:30	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.617**		0.301	0.306	1.00	0.343	pCi/L	08/27/25 08:29	09/18/25 09:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*08/27/25 08:29*	*09/18/25 09:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**6.55**		1.18	1.32	1.00	1.00	pCi/L	08/27/25 08:41	09/17/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:57*	*1*
Y Carrier	*65.4*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:57*	*1*

Client Sample ID: Windmill Well

Lab Sample ID: 860-109606-2
Matrix: Water
Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	3.79	U G	9.34	9.35	3.00	16.6	pCi/L	08/27/25 08:26	08/28/25 19:31	1
Gross Beta	**8.26**	**G**	4.32	4.40	4.00	6.35	pCi/L	08/27/25 08:26	08/28/25 19:31	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.263	U	0.214	0.215	1.00	0.324	pCi/L	08/27/25 08:29	09/18/25 09:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*08/27/25 08:29*	*09/18/25 09:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.74**		0.481	0.507	1.00	0.515	pCi/L	08/27/25 08:41	09/17/25 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.4*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:57*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: Windmill Well

Lab Sample ID: 860-109606-2
Matrix: Water
Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	77.0		30 - 110	08/27/25 08:41	09/17/25 11:57	1

Client Sample ID: TMW-22

Lab Sample ID: 860-109606-3
Matrix: Water
Date Collected: 08/20/25 12:45
Date Received: 08/21/25 08:54

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**12.6**	**G**	6.07	6.23	3.00	7.51	pCi/L	08/27/25 08:26	08/28/25 19:31	1
Gross Beta	1.64	U	2.08	2.08	4.00	3.22	pCi/L	08/27/25 08:26	08/28/25 19:31	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.387	U	0.549	0.550	1.00	0.929	pCi/L	08/27/25 08:29	09/18/25 09:21	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	51.6		30 - 110	08/27/25 08:29	09/18/25 09:21	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.970	U G	1.20	1.20	1.00	1.98	pCi/L	08/27/25 08:41	09/17/25 11:57	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	51.6		30 - 110	08/27/25 08:41	09/17/25 11:57	1
Y Carrier	80.4		30 - 110	08/27/25 08:41	09/17/25 11:57	1

Client Sample ID: TMW-08

Lab Sample ID: 860-109606-4
Matrix: Water
Date Collected: 08/20/25 14:15
Date Received: 08/21/25 08:54

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**14.8**	**G**	9.77	9.91	3.00	14.1	pCi/L	08/27/25 08:26	08/28/25 19:31	1
Gross Beta	**8.02**	**G**	4.06	4.14	4.00	5.80	pCi/L	08/27/25 08:26	08/28/25 19:31	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.431	U	0.399	0.401	1.00	0.608	pCi/L	08/27/25 08:29	09/18/25 09:29	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	68.7		30 - 110	08/27/25 08:29	09/18/25 09:29	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: TMW-08

Lab Sample ID: 860-109606-4
Matrix: Water
Date Collected: 08/20/25 14:15
Date Received: 08/21/25 08:54

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.02**	**G**	1.31	1.36	1.00	1.63	pCi/L	08/27/25 08:41	09/17/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*68.7*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*
Y Carrier	*81.5*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*

Client Sample ID: TMW-07

Lab Sample ID: 860-109606-5
Matrix: Water
Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	14.9	U G	13.0	13.1	3.00	20.2	pCi/L	08/27/25 08:26	08/28/25 19:31	1
Gross Beta	**10.4**	**G**	4.76	4.87	4.00	6.54	pCi/L	08/27/25 08:26	08/28/25 19:31	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.295	U	0.271	0.272	1.00	0.416	pCi/L	08/27/25 08:29	09/18/25 09:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.8*		*30 - 110*	*08/27/25 08:29*	*09/18/25 09:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.46**	**G**	0.742	0.754	1.00	1.05	pCi/L	08/27/25 08:41	09/17/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.8*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*
Y Carrier	*74.8*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*

Client Sample ID: TMW-40

Lab Sample ID: 860-109606-6
Matrix: Water
Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**40.1**	**G**	17.0	17.6	3.00	20.6	pCi/L	08/27/25 08:26	08/28/25 19:32	1
Gross Beta	**24.6**	**G**	6.79	7.22	4.00	7.91	pCi/L	08/27/25 08:26	08/28/25 19:32	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: TMW-40

Lab Sample ID: 860-109606-6
Matrix: Water
Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.166	U	0.435	0.436	1.00	0.788	pCi/L	08/27/25 08:29	09/18/25 09:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*30 - 110*	*08/27/25 08:29*	*09/18/25 09:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.96**	**G**	0.967	0.984	1.00	1.32	pCi/L	08/27/25 08:41	09/17/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*
Y Carrier	*77.8*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*

Client Sample ID: TMW-19

Lab Sample ID: 860-109606-7
Matrix: Water
Date Collected: 08/20/25 09:15
Date Received: 08/21/25 08:54

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**21.9**	**G**	13.3	13.5	3.00	18.6	pCi/L	08/27/25 08:26	08/28/25 19:38	1
Gross Beta	4.50	U G	4.97	4.99	4.00	7.79	pCi/L	08/27/25 08:26	08/28/25 19:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.334	U	0.268	0.270	1.00	0.401	pCi/L	08/27/25 08:29	09/18/25 09:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/27/25 08:29*	*09/18/25 09:30*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.40**		0.629	0.642	1.00	0.871	pCi/L	08/27/25 08:41	09/17/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*
Y Carrier	*79.6*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: TMW-20

Date Collected: 08/20/25 11:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-8

Matrix: Water

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	16.7	G	9.85	10.0	3.00	14.2	pCi/L	08/27/25 08:26	08/28/25 19:38	1
Gross Beta	7.43	G	3.23	3.31	4.00	4.36	pCi/L	08/27/25 08:26	08/28/25 19:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.595	U	0.485	0.487	1.00	0.728	pCi/L	08/27/25 08:29	09/18/25 09:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.9*		*30 - 110*	*08/27/25 08:29*	*09/18/25 09:30*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.46	G	1.06	1.08	1.00	1.39	pCi/L	08/27/25 08:41	09/17/25 11:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.9*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*
Y Carrier	*76.6*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:58*	*1*

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)
860-109606-1	TMW-23	77.5
860-109606-2	Windmill Well	91.4
860-109606-3	TMW-22	51.6
860-109606-4	TMW-08	68.7
860-109606-5	TMW-07	73.8
860-109606-6	TMW-40	72.6
860-109606-7	TMW-19	90.5
860-109606-8	TMW-20	70.9
LCS 160-733833/2-A	Lab Control Sample	92.4
MB 160-733833/1-A	Method Blank	92.7

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)	Y (30-110)
860-109606-1	TMW-23	77.5	65.4
860-109606-2	Windmill Well	91.4	77.0
860-109606-3	TMW-22	51.6	80.4
860-109606-4	TMW-08	68.7	81.5
860-109606-5	TMW-07	73.8	74.8
860-109606-6	TMW-40	72.6	77.8
860-109606-7	TMW-19	90.5	79.6
860-109606-8	TMW-20	70.9	76.6
LCS 160-733834/2-A	Lab Control Sample	92.4	81.9
MB 160-733834/1-A	Method Blank	92.7	81.9

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-733830/1-A
Matrix: Water
Analysis Batch: 734026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733830

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	1.178		0.721	0.734	3.00	1.03	pCi/L	08/27/25 08:26	08/28/25 19:29	1
Gross Beta	1.564		0.680	0.698	4.00	0.954	pCi/L	08/27/25 08:26	08/28/25 19:29	1

Lab Sample ID: LCS 160-733830/2-A
Matrix: Water
Analysis Batch: 734026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733830

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	51.2	54.44		7.74	3.00	1.81	pCi/L	106	75 - 125

Lab Sample ID: LCSB 160-733830/3-A
Matrix: Water
Analysis Batch: 734026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733830

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.3	66.73		7.20	4.00	0.873	pCi/L	96	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-733833/1-A
Matrix: Water
Analysis Batch: 736531

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733833

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.08303	U	0.155	0.156	1.00	0.275	pCi/L	08/27/25 08:29	09/18/25 07:34	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*30 - 110*	*08/27/25 08:29*	*09/18/25 07:34*	*1*

Lab Sample ID: LCS 160-733833/2-A
Matrix: Water
Analysis Batch: 736531

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733833

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.662		1.21	1.00	0.284	pCi/L	101	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.4*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-733834/1-A
Matrix: Water
Analysis Batch: 736394

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733834

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3750	U	0.353	0.355	1.00	0.565	pCi/L	08/27/25 08:41	09/17/25 11:57	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.7*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:57*	*1*
Y Carrier	*81.9*		*30 - 110*	*08/27/25 08:41*	*09/17/25 11:57*	*1*

Lab Sample ID: LCS 160-733834/2-A
Matrix: Water
Analysis Batch: 736394

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733834

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.06	10.76		1.41	1.00	0.536	pCi/L	119	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.4*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Rad

Prep Batch: 733830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	Evaporation	
860-109606-2	Windmill Well	Total/NA	Water	Evaporation	
860-109606-3	TMW-22	Total/NA	Water	Evaporation	
860-109606-4	TMW-08	Total/NA	Water	Evaporation	
860-109606-5	TMW-07	Total/NA	Water	Evaporation	
860-109606-6	TMW-40	Total/NA	Water	Evaporation	
860-109606-7	TMW-19	Total/NA	Water	Evaporation	
860-109606-8	TMW-20	Total/NA	Water	Evaporation	
MB 160-733830/1-A	Method Blank	Total/NA	Water	Evaporation	
LCS 160-733830/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-733830/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Prep Batch: 733833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	PrecSep-21	
860-109606-2	Windmill Well	Total/NA	Water	PrecSep-21	
860-109606-3	TMW-22	Total/NA	Water	PrecSep-21	
860-109606-4	TMW-08	Total/NA	Water	PrecSep-21	
860-109606-5	TMW-07	Total/NA	Water	PrecSep-21	
860-109606-6	TMW-40	Total/NA	Water	PrecSep-21	
860-109606-7	TMW-19	Total/NA	Water	PrecSep-21	
860-109606-8	TMW-20	Total/NA	Water	PrecSep-21	
MB 160-733833/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-733833/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 733834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109606-1	TMW-23	Total/NA	Water	PrecSep_0	
860-109606-2	Windmill Well	Total/NA	Water	PrecSep_0	
860-109606-3	TMW-22	Total/NA	Water	PrecSep_0	
860-109606-4	TMW-08	Total/NA	Water	PrecSep_0	
860-109606-5	TMW-07	Total/NA	Water	PrecSep_0	
860-109606-6	TMW-40	Total/NA	Water	PrecSep_0	
860-109606-7	TMW-19	Total/NA	Water	PrecSep_0	
860-109606-8	TMW-20	Total/NA	Water	PrecSep_0	
MB 160-733834/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-733834/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: TMW-23

Lab Sample ID: 860-109606-1
Matrix: Water
Date Collected: 08/20/25 09:40
Date Received: 08/21/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			20.20 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734026	08/28/25 19:30	SWS	EET SL
Total/NA	Prep	PrecSep-21			754.05 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 09:21	SWS	EET SL
Total/NA	Prep	PrecSep_0			754.05 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:57	SWS	EET SL

Client Sample ID: Windmill Well

Lab Sample ID: 860-109606-2
Matrix: Water
Date Collected: 08/20/25 10:40
Date Received: 08/21/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			30.01 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734026	08/28/25 19:31	SWS	EET SL
Total/NA	Prep	PrecSep-21			1000.80 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 09:21	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.80 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:57	SWS	EET SL

Client Sample ID: TMW-22

Lab Sample ID: 860-109606-3
Matrix: Water
Date Collected: 08/20/25 12:45
Date Received: 08/21/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			55.00 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734026	08/28/25 19:31	SWS	EET SL
Total/NA	Prep	PrecSep-21			500.57 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1			736529	09/18/25 09:21	SWS	EET SL
Total/NA	Prep	PrecSep_0			500.57 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:57	SWS	EET SL

Client Sample ID: TMW-08

Lab Sample ID: 860-109606-4
Matrix: Water
Date Collected: 08/20/25 14:15
Date Received: 08/21/25 08:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			35.00 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734026	08/28/25 19:31	SWS	EET SL
Total/NA	Prep	PrecSep-21			509.57 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	736531	09/18/25 09:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			509.57 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:58	SWS	EET SL

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Client Sample ID: TMW-07

Date Collected: 08/20/25 14:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			27.00 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734026	08/28/25 19:31	SWS	EET SL
Total/NA	Prep	PrecSep-21			755.15 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	736531	09/18/25 09:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			755.15 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:58	SWS	EET SL

Client Sample ID: TMW-40

Date Collected: 08/20/25 11:50
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			23.02 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734026	08/28/25 19:32	SWS	EET SL
Total/NA	Prep	PrecSep-21			508.10 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	736531	09/18/25 09:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			508.10 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:58	SWS	EET SL

Client Sample ID: TMW-19

Date Collected: 08/20/25 09:15
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			27.00 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:38	SWS	EET SL
Total/NA	Prep	PrecSep-21			752.40 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	736531	09/18/25 09:30	SWS	EET SL
Total/NA	Prep	PrecSep_0			752.40 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:58	SWS	EET SL

Client Sample ID: TMW-20

Date Collected: 08/20/25 11:20
Date Received: 08/21/25 08:54

Lab Sample ID: 860-109606-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			47.01 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:38	SWS	EET SL
Total/NA	Prep	PrecSep-21			501.48 mL	1.0 g	733833	08/27/25 08:29	JTR	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	736531	09/18/25 09:30	SWS	EET SL
Total/NA	Prep	PrecSep_0			501.48 mL	1.0 g	733834	08/27/25 08:41	JTR	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	736394	09/17/25 11:58	SWS	EET SL

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Houston

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109606-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109606-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109606-1	TMW-23	Water	08/20/25 09:40	08/21/25 08:54	Texas
860-109606-2	Windmill Well	Water	08/20/25 10:40	08/21/25 08:54	Texas
860-109606-3	TMW-22	Water	08/20/25 12:45	08/21/25 08:54	Texas
860-109606-4	TMW-08	Water	08/20/25 14:15	08/21/25 08:54	Texas
860-109606-5	TMW-07	Water	08/20/25 14:20	08/21/25 08:54	Texas
860-109606-6	TMW-40	Water	08/20/25 11:50	08/21/25 08:54	Texas
860-109606-7	TMW-19	Water	08/20/25 09:15	08/21/25 08:54	Texas
860-109606-8	TMW-20	Water	08/20/25 11:20	08/21/25 08:54	Texas

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9/18/2025

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Test:

Client Information

Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other:

Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, OW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N	
TMW-23	8.20.25	0940	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20
Windmill Well	8.20.25	1040	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																

860-109606 Chain of Custody

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I II III IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:
Date:
Time:
Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	8.20.25 1600		Received by:		
Relinquished by:			Received by: Nuevo	8-21-25 854	
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 2.9/2.7 Now 368

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 1/12/2026 2:54:23 PM

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Received by OCD: 11/20/2025 2:07:34 PM

9/18/2025

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Released to Imaging: 3/12/2026 2:34:23 PM

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information

Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH
Other:

Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N	
TMW-22	8.20.25	1245	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	2
TMW-08	8.20.25	1415	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	2
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	8.20.25 1600		Received by:		
Relinquished by:			Received by: Nuevo	8-21-25 0854	
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.0/2.8

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

9/18/2025

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Released to Imaging: 3/12/2026 2:34:23 PM

eurofins

Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
			Job #:

Client Information

Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:
PWSID:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-~~24~~07	8.20.25	1420	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-40	8.20.25	1150	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:		Date/Time: 8 20 25 1600	Company	Received by:		Date/Time:	Company
Relinquished by:		Date/Time:	Company	Received by:	Nuona	Date/Time: 8-21-25 854	Company
Relinquished by:		Date/Time:	Company	Received by:		Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.			Cooler Temperature(s) °C and Other Remarks:	2.6 / 2.4		

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

9/18/2025

Client Information

Client Contact: John Grams	Sampler:
Company: Terracon Consulting Eng & Scientists	Phone:
Address: 5847 50th St	PWSID:
City: Lubbock	Due Date Requested:
State, Zip: TX, 79424	TAT Requested (days):
Phone:	Compliance Project: Δ Yes Δ No
Email: john.grams@terracon.com	PO #: Purchase Order not required
Project Name: EBDU 37	WO #:
Site:	Project #: 88002619
	SSOW#:

Lab PM: Builes, John	Carrier Tracking No(s):
E-Mail: John.Builes@et.eurofinsus.com	State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-19	8.20.25	0915	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-20	8.20.25	1120	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I II, III IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:	Method of Shipment:
Relinquished by:	Date/Time: 8.20.25 1600	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.3/3.1

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109606-2

Login Number: 109606 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109606-2

Login Number: 109606 **List Source: Eurofins St. Louis**
List Number: 2 **List Creation: 08/26/25 11:49 AM**
Creator: Pinette, Meadow L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/8/2025 3:23:25 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109972-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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9/8/2025 3:23:25 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109972-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109972-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109972-1
Project: EBDU 37

Job ID: 860-109972-1 Eurofins Houston

Job Narrative
860-109972-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/26/2025 11:21 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 4.1°C, 5.4°C and 11.9°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 860-258340 recovered above the upper control limit for 1,1-Dichloroethane (28.9%). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-258340/2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
Method 8015MOD_NM: The surrogate recovery for the Laboratory Control Sample (LCS) associated with preparation batch 860-258795 and analytical batch 860-258674 was outside the upper control limits.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 860-258674 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Surrogate DCB (Decachlorobiphenyl) in the continuing calibration verification (CCV) for batch 860-259712 was below the control limit (%D). The surrogate was recovered within laboratory control limits, therefore data was accepted.

(CCVIS 860-259712/36)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-257737 contained Sulfate above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-30 (860-109972-1), Dup-07-W (860-109972-2), Dup-08-W (860-109972-3), TMW-18 (860-109972-4), TMW-06 (860-109972-5) and TMW-37 (860-109972-6). Elevated reporting limits (RLs) are provided.

Eurofins Houston

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Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109972-1
Project: EBDU 37

Job ID: 860-109972-1 (Continued) Eurofins Houston

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-30 — Lab Sample ID: 860-109972-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.31		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.24		0.500	0.100	mg/L	1		300.0	Total/NA
Nitrite as N	0.0856	J	0.100	0.0699	mg/L	1		300.0	Total/NA
Sulfate	182		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1010		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	234		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.311		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	40.6		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	439		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	60.8		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	55.0		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	7.69		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	4.34		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00313	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0700		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.346		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00498		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00100	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00213	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00114	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0340		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00543		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00289		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0226		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00315		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0169		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.62	HF			SU	1		9040C	Total/NA
Temperature	19.9	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.62	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00444	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	34.3				meq/L	1		SM 1030E	Total/NA
Total Anions	37.3				meq/L	1		SM 1030E	Total/NA
Percent Difference	-4.17				%	1		SM 1030E	Total/NA
Alkalinity	150		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	150		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2340		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-07-W — Lab Sample ID: 860-109972-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1110		5.00	2.50	mg/L	10		300.0	Total/NA

Client Sample ID: Dup-08-W — Lab Sample ID: 860-109972-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1500		5.00	2.50	mg/L	10		300.0	Total/NA

Client Sample ID: TMW-18 — Lab Sample ID: 860-109972-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.681		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.881		0.500	0.100	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-18 (Continued) — Lab Sample ID: 860-109972-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	141		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1330		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	485		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.244		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	52.4		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	309		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	51.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	56.7		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.82		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.495		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00244	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0795		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.283		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00251	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00488		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00310		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000755	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0204		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00199		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.49	HF			SU	1		9040C	Total/NA
Temperature	21.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.49	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00342	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	42.1				meq/L	1		SM 1030E	Total/NA
Total Anions	44.4				meq/L	1		SM 1030E	Total/NA
Percent Difference	-2.70				%	1		SM 1030E	Total/NA
Alkalinity	98.2		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	98.2		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	3310		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-06 — Lab Sample ID: 860-109972-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.569		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.474	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	189		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1590		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	610		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.300		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	48.2		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	375		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	69.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	59.1		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	4.16		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	0.732		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00146	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0497		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.207		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00150	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Manganese	0.00393		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.000772	J	0.00200	0.000255	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-06 (Continued) — Lab Sample ID: 860-109972-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0148		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00134		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.24	HF			SU	1		9040C	Total/NA
Temperature	20.5	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.24	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00942		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	50.8				meq/L	1		SM 1030E	Total/NA
Total Anions	52.8				meq/L	1		SM 1030E	Total/NA
Percent Difference	-1.89				%	1		SM 1030E	Total/NA
Alkalinity	97.2		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	97.2		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	3690		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-37 — Lab Sample ID: 860-109972-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.416		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.864		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	156		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1370		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	590		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.768		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	65.8		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	342		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	64.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	61.6		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	6.90		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.27		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00217	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.109		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.259		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00275	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Lead	0.000407	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0255		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00493		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00150	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0231		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00409		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00657		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.45	HF			SU	1		9040C	Total/NA
Temperature	20.1	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.45	HF			SU	1		9040C	Total/NA
Total Cations	49.9				meq/L	1		SM 1030E	Total/NA
Total Anions	45.9				meq/L	1		SM 1030E	Total/NA
Percent Difference	4.14				%	1		SM 1030E	Total/NA
Alkalinity	95.2		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	95.2		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	3440		40.0	40.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-30

Date Collected: 08/25/25 08:30
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 10:26	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 10:26	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/30/25 10:26*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*08/30/25 10:26*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/28/25 11:27	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/28/25 11:27	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/28/25 11:27	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/28/25 11:27	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/28/25 11:27	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/28/25 11:27	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/28/25 11:27	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/28/25 11:27	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 11:27	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/28/25 11:27	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/28/25 11:27	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 11:27	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/28/25 11:27	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/28/25 11:27	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/28/25 11:27	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 11:27	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/28/25 11:27	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/28/25 11:27	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 11:27	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/28/25 11:27	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/28/25 11:27	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 11:27	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/28/25 11:27*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*08/28/25 11:27*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*08/28/25 11:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/28/25 11:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/30/25 12:39	09/02/25 19:21	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/30/25 12:39	09/02/25 19:21	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/30/25 12:39	09/02/25 19:21	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/30/25 12:39	09/02/25 19:21	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/30/25 12:39	09/02/25 19:21	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/30/25 12:39	09/02/25 19:21	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/30/25 12:39	09/02/25 19:21	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/30/25 12:39	09/02/25 19:21	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-30
Date Collected: 08/25/25 08:30
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/30/25 12:39	09/02/25 19:21	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/30/25 12:39	09/02/25 19:21	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/30/25 12:39	09/02/25 19:21	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/30/25 12:39	09/02/25 19:21	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/30/25 12:39	09/02/25 19:21	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/30/25 12:39	09/02/25 19:21	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/30/25 12:39	09/02/25 19:21	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/30/25 12:39	09/02/25 19:21	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/30/25 12:39	09/02/25 19:21	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/30/25 12:39	09/02/25 19:21	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/30/25 12:39	09/02/25 19:21	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/30/25 12:39	09/02/25 19:21	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/30/25 12:39	09/02/25 19:21	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/30/25 12:39	09/02/25 19:21	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/30/25 12:39	09/02/25 19:21	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/30/25 12:39	09/02/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
2-Fluorophenol (Surr)	*66*		*19 - 120*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
2-Fluorobiphenyl	*80*		*43 - 130*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
Phenol-d5 (Surr)	*38*		*8 - 124*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 130*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*	*08/30/25 12:39*	*09/02/25 19:21*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 130*	*08/30/25 12:39*	*09/02/25 19:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000575	U	0.000313	0.0000575	mg/L		08/28/25 14:01	09/02/25 16:19	1
PCB-1221	<0.0000575	U	0.000627	0.0000575	mg/L		08/28/25 14:01	09/02/25 16:19	1
PCB-1232	<0.0000575	U	0.000627	0.0000575	mg/L		08/28/25 14:01	09/02/25 16:19	1
PCB-1242	<0.0000575	U	0.000313	0.0000575	mg/L		08/28/25 14:01	09/02/25 16:19	1
PCB-1248	<0.0000575	U	0.000627	0.0000575	mg/L		08/28/25 14:01	09/02/25 16:19	1
PCB-1254	<0.0000758	U	0.000627	0.0000758	mg/L		08/28/25 14:01	09/02/25 16:19	1
PCB-1260	<0.0000758	U	0.000313	0.0000758	mg/L		08/28/25 14:01	09/02/25 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*52 - 134*	*08/28/25 14:01*	*09/02/25 16:19*	*1*
DCB Decachlorobiphenyl (Surr)	*50*		*28 - 94*	*08/28/25 14:01*	*09/02/25 16:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.31**		0.100	0.0391	mg/L			08/26/25 16:11	1
Fluoride	**1.24**		0.500	0.100	mg/L			08/26/25 16:11	1
Nitrite as N	**0.0856**	**J**	0.100	0.0699	mg/L			08/26/25 16:11	1
Sulfate	**182**		0.500	0.200	mg/L			08/26/25 16:11	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-30

Date Collected: 08/25/25 08:30
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1010**		5.00	2.50	mg/L			08/26/25 16:21	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**234**		10.0	5.08	mg/L		08/27/25 11:25	08/27/25 17:30	50
Iron	**0.311**		0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 17:27	1
Magnesium	**40.6**		0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 17:27	1
Sodium	**439**		25.0	7.59	mg/L		08/27/25 11:25	08/27/25 17:30	50
Sulfur	**60.8**		0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 17:27	1
SiO2	**55.0**		1.07	0.370	mg/L		08/27/25 11:25	08/27/25 17:27	1
Potassium	**7.69**		0.500	0.106	mg/L		08/27/25 11:25	08/27/25 17:27	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4.34**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 23:22	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 23:22	1
Arsenic	**0.00313**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 23:22	1
Barium	**0.0700**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 23:22	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 23:22	1
Boron	**0.346**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:43	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 23:22	1
Chromium	**0.00498**		0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 23:22	1
Cobalt	**0.00100**	**J**	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 23:22	1
Copper	**0.00213**	**J**	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 23:22	1
Lead	**0.00114**	**J**	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 23:22	1
Manganese	**0.0340**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 23:22	1
Molybdenum	**0.00543**		0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 23:22	1
Nickel	**0.00289**		0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 23:22	1
Selenium	**0.0226**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 23:22	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 23:22	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 23:22	1
Uranium	**0.00315**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 23:22	1
Zinc	**0.0169**		0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 23:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/28/25 14:13	08/28/25 21:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/27/25 18:47	1
pH (SW846 9040C)	**7.62**	**HF**			SU			08/29/25 13:38	1
Temperature (SW846 9040C)	**19.9**	**HF**			Degrees C			08/29/25 13:38	1
Corrosivity (SW846 9040C)	**7.62**	**HF**			SU			08/29/25 13:38	1
Cyanide, Total (EPA Kelada 01)	**0.00444**	**J**	0.00500	0.00198	mg/L			08/27/25 23:27	1
Total Cations (SM 1030E)	**34.3**				meq/L			08/27/25 17:30	1
Total Anions (SM 1030E)	**37.3**				meq/L			08/27/25 17:30	1
Percent Difference (SM 1030E)	**-4.17**				%			08/27/25 17:30	1
Alkalinity (SM 2320B)	**150**		4.00	4.00	mg/L			08/29/25 15:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**150**		4.00	4.00	mg/L			08/29/25 15:12	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-30

Lab Sample ID: 860-109972-1
Matrix: Water
Date Collected: 08/25/25 08:30
Date Received: 08/26/25 11:21

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:12	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:12	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:12	1
Total Dissolved Solids (SM 2540C)	**2340**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: Dup-07-W

Lab Sample ID: 860-109972-2
Matrix: Water
Date Collected: 08/25/25 08:50
Date Received: 08/26/25 11:21

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 11:48	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 11:48	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 11:48	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 11:48	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 11:48	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*08/28/25 11:48*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*08/28/25 11:48*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 131*		*08/28/25 11:48*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/28/25 11:48*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.02	U	5.14	1.02	mg/L		08/29/25 13:33	08/30/25 06:34	1
Diesel Range Organics (Over C10-C28)	<1.02	U	5.14	1.02	mg/L		08/29/25 13:33	08/30/25 06:34	1
Oil Range Organics (Over C28-C36)	<0.980	U	5.14	0.980	mg/L		08/29/25 13:33	08/30/25 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 135*	*08/29/25 13:33*	*08/30/25 06:34*	*1*
o-Terphenyl	*106*		*70 - 135*	*08/29/25 13:33*	*08/30/25 06:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		5.00	2.50	mg/L			08/26/25 16:41	10

Client Sample ID: Dup-08-W

Lab Sample ID: 860-109972-3
Matrix: Water
Date Collected: 08/25/25 12:35
Date Received: 08/26/25 11:21

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 12:08	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 12:08	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 12:08	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 12:08	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 12:08	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: Dup-08-W

Lab Sample ID: 860-109972-3
Matrix: Water
Date Collected: 08/25/25 12:35
Date Received: 08/26/25 11:21

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/28/25 12:08*	*1*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*08/28/25 12:08*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/28/25 12:08*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/28/25 12:08*	*1*

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.988	U	5.00	0.988	mg/L		08/29/25 13:33	08/30/25 06:49	1
Diesel Range Organics (Over C10-C28)	<0.988	U	5.00	0.988	mg/L		08/29/25 13:33	08/30/25 06:49	1
Oil Range Organics (Over C28-C36)	<0.954	U	5.00	0.954	mg/L		08/29/25 13:33	08/30/25 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 135*	*08/29/25 13:33*	*08/30/25 06:49*	*1*
o-Terphenyl	*104*		*70 - 135*	*08/29/25 13:33*	*08/30/25 06:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		5.00	2.50	mg/L			08/26/25 17:02	10

Client Sample ID: TMW-18

Lab Sample ID: 860-109972-4
Matrix: Water
Date Collected: 08/25/25 14:40
Date Received: 08/26/25 11:21

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 10:47	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 10:47	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*70 - 130*		*08/30/25 10:47*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*08/30/25 10:47*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/28/25 12:29	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/28/25 12:29	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/28/25 12:29	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/28/25 12:29	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/28/25 12:29	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/28/25 12:29	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/28/25 12:29	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/28/25 12:29	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 12:29	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/28/25 12:29	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/28/25 12:29	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 12:29	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-18

Date Collected: 08/25/25 14:40
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/28/25 12:29	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/28/25 12:29	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/28/25 12:29	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 12:29	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/28/25 12:29	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/28/25 12:29	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 12:29	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/28/25 12:29	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/28/25 12:29	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 12:29	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*		*08/28/25 12:29*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*08/28/25 12:29*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 131*		*08/28/25 12:29*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/28/25 12:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0963	U	0.573	0.0963	ug/L		08/30/25 12:39	09/02/25 19:51	1
1,2,4-Trichlorobenzene	<0.121	U	0.573	0.121	ug/L		08/30/25 12:39	09/02/25 19:51	1
2-Methylnaphthalene	<0.109	U	0.573	0.109	ug/L		08/30/25 12:39	09/02/25 19:51	1
Acenaphthene	<0.102	U	0.573	0.102	ug/L		08/30/25 12:39	09/02/25 19:51	1
1,2-Dichlorobenzene	<0.101	U	0.573	0.101	ug/L		08/30/25 12:39	09/02/25 19:51	1
Acenaphthylene	<0.125	U	0.573	0.125	ug/L		08/30/25 12:39	09/02/25 19:51	1
Anthracene	<0.104	U	0.573	0.104	ug/L		08/30/25 12:39	09/02/25 19:51	1
Benzo[a]anthracene	<0.127	U	0.287	0.127	ug/L		08/30/25 12:39	09/02/25 19:51	1
Benzo[a]pyrene	<0.108	U	0.287	0.108	ug/L		08/30/25 12:39	09/02/25 19:51	1
1,4-Dichlorobenzene	<0.110	U	0.573	0.110	ug/L		08/30/25 12:39	09/02/25 19:51	1
Benzo[b]fluoranthene	<0.125	U	0.573	0.125	ug/L		08/30/25 12:39	09/02/25 19:51	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/30/25 12:39	09/02/25 19:51	1
Benzo[g,h,i]perylene	<0.0906	U	0.573	0.0906	ug/L		08/30/25 12:39	09/02/25 19:51	1
Benzo[k]fluoranthene	<0.124	U	0.573	0.124	ug/L		08/30/25 12:39	09/02/25 19:51	1
Pentachlorophenol	<0.313	U	0.573	0.313	ug/L		08/30/25 12:39	09/02/25 19:51	1
Chrysene	<0.0968	U	0.573	0.0968	ug/L		08/30/25 12:39	09/02/25 19:51	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/30/25 12:39	09/02/25 19:51	1
Dibenz(a,h)anthracene	<0.0853	U	0.115	0.0853	ug/L		08/30/25 12:39	09/02/25 19:51	1
Fluoranthene	<0.120	U	0.573	0.120	ug/L		08/30/25 12:39	09/02/25 19:51	1
Fluorene	<0.113	U	0.573	0.113	ug/L		08/30/25 12:39	09/02/25 19:51	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.573	0.103	ug/L		08/30/25 12:39	09/02/25 19:51	1
Naphthalene	<0.115	U	0.573	0.115	ug/L		08/30/25 12:39	09/02/25 19:51	1
Phenanthrene	<0.107	U	0.573	0.107	ug/L		08/30/25 12:39	09/02/25 19:51	1
Pyrene	<0.129	U	0.573	0.129	ug/L		08/30/25 12:39	09/02/25 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*35 - 130*	*08/30/25 12:39*	*09/02/25 19:51*	*1*
2-Fluorobiphenyl	*79*		*43 - 130*	*08/30/25 12:39*	*09/02/25 19:51*	*1*
2-Fluorophenol (Surr)	*73*		*19 - 120*	*08/30/25 12:39*	*09/02/25 19:51*	*1*
2-Fluorobiphenyl	*79*		*43 - 130*	*08/30/25 12:39*	*09/02/25 19:51*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-18

Date Collected: 08/25/25 14:40
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-4

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	81		37 - 133	08/30/25 12:39	09/02/25 19:51	1
Phenol-d5 (Surr)	42		8 - 124	08/30/25 12:39	09/02/25 19:51	1
p-Terphenyl-d14 (Surr)	89		47 - 130	08/30/25 12:39	09/02/25 19:51	1
Nitrobenzene-d5 (Surr)	81		37 - 133	08/30/25 12:39	09/02/25 19:51	1
p-Terphenyl-d14 (Surr)	89		47 - 130	08/30/25 12:39	09/02/25 19:51	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000577	U	0.000314	0.0000577	mg/L		08/28/25 14:01	09/02/25 16:30	1
PCB-1221	<0.0000577	U	0.000628	0.0000577	mg/L		08/28/25 14:01	09/02/25 16:30	1
PCB-1232	<0.0000577	U	0.000628	0.0000577	mg/L		08/28/25 14:01	09/02/25 16:30	1
PCB-1242	<0.0000577	U	0.000314	0.0000577	mg/L		08/28/25 14:01	09/02/25 16:30	1
PCB-1248	<0.0000577	U	0.000628	0.0000577	mg/L		08/28/25 14:01	09/02/25 16:30	1
PCB-1254	<0.0000759	U	0.000628	0.0000759	mg/L		08/28/25 14:01	09/02/25 16:30	1
PCB-1260	<0.0000759	U	0.000314	0.0000759	mg/L		08/28/25 14:01	09/02/25 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		52 - 134	08/28/25 14:01	09/02/25 16:30	1
DCB Decachlorobiphenyl (Surr)	50		28 - 94	08/28/25 14:01	09/02/25 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.681**		0.100	0.0391	mg/L			08/26/25 17:33	1
Fluoride	**0.881**		0.500	0.100	mg/L			08/26/25 17:33	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/26/25 17:33	1
Sulfate	**141**		0.500	0.200	mg/L			08/26/25 17:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1330**		5.00	2.50	mg/L			08/26/25 17:43	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**485**		10.0	5.08	mg/L		08/28/25 13:28	08/29/25 14:59	50
Iron	**0.244**		0.200	0.0283	mg/L		08/28/25 13:28	08/29/25 14:53	1
Magnesium	**52.4**		0.200	0.0445	mg/L		08/28/25 13:28	08/29/25 14:53	1
Sodium	**309**		25.0	7.59	mg/L		08/28/25 13:28	08/29/25 14:59	50
Sulfur	**51.0**		5.00	1.85	mg/L		08/28/25 13:28	08/29/25 14:59	50
SiO2	**56.7**		1.07	0.370	mg/L		08/28/25 13:28	08/29/25 14:53	1
Potassium	**4.82**		0.500	0.106	mg/L		08/28/25 13:28	08/29/25 14:53	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.495**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 23:25	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 23:25	1
Arsenic	**0.00244**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 23:25	1
Barium	**0.0795**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 23:25	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 23:25	1
Boron	**0.283**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:47	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 23:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-18

Lab Sample ID: 860-109972-4
Matrix: Water
Date Collected: 08/25/25 14:40
Date Received: 08/26/25 11:21

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.00251**	**J**	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 23:25	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 23:25	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 23:25	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 23:25	1
Manganese	**0.00488**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 23:25	1
Molybdenum	**0.00310**		0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 23:25	1
Nickel	**0.000755**	**J**	0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 23:25	1
Selenium	**0.0204**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 23:25	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 23:25	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 23:25	1
Uranium	**0.00199**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 23:25	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 23:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/28/25 14:13	08/28/25 21:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/27/25 18:49	1
pH (SW846 9040C)	**7.49**	**HF**			SU			08/29/25 13:46	1
Temperature (SW846 9040C)	**21.0**	**HF**			Degrees C			08/29/25 13:46	1
Corrosivity (SW846 9040C)	**7.49**	**HF**			SU			08/29/25 13:46	1
Cyanide, Total (EPA Kelada 01)	**0.00342**	**J**	0.00500	0.00198	mg/L			08/27/25 23:30	1
Total Cations (SM 1030E)	**42.1**				meq/L			08/29/25 14:59	1
Total Anions (SM 1030E)	**44.4**				meq/L			08/29/25 14:59	1
Percent Difference (SM 1030E)	**-2.70**				%			08/29/25 14:59	1
Alkalinity (SM 2320B)	**98.2**		4.00	4.00	mg/L			08/29/25 15:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**98.2**		4.00	4.00	mg/L			08/29/25 15:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:18	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:18	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:18	1
Total Dissolved Solids (SM 2540C)	**3310**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: TMW-06

Lab Sample ID: 860-109972-5
Matrix: Water
Date Collected: 08/25/25 10:25
Date Received: 08/26/25 11:21

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 11:07	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 11:07	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/30/25 11:07*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/30/25 11:07*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-06

Date Collected: 08/25/25 10:25
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/28/25 12:49	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/28/25 12:49	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/28/25 12:49	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/28/25 12:49	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/28/25 12:49	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/28/25 12:49	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/28/25 12:49	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/28/25 12:49	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 12:49	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/28/25 12:49	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/28/25 12:49	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 12:49	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/28/25 12:49	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/28/25 12:49	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/28/25 12:49	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 12:49	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/28/25 12:49	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/28/25 12:49	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 12:49	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/28/25 12:49	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/28/25 12:49	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 12:49	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*		*08/28/25 12:49*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*08/28/25 12:49*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/28/25 12:49*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/28/25 12:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/30/25 12:39	09/02/25 20:21	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/30/25 12:39	09/02/25 20:21	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/30/25 12:39	09/02/25 20:21	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/30/25 12:39	09/02/25 20:21	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/30/25 12:39	09/02/25 20:21	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/30/25 12:39	09/02/25 20:21	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/30/25 12:39	09/02/25 20:21	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/30/25 12:39	09/02/25 20:21	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/30/25 12:39	09/02/25 20:21	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/30/25 12:39	09/02/25 20:21	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/30/25 12:39	09/02/25 20:21	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/30/25 12:39	09/02/25 20:21	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/30/25 12:39	09/02/25 20:21	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/30/25 12:39	09/02/25 20:21	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/30/25 12:39	09/02/25 20:21	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/30/25 12:39	09/02/25 20:21	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/30/25 12:39	09/02/25 20:21	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/30/25 12:39	09/02/25 20:21	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-06

Date Collected: 08/25/25 10:25
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/30/25 12:39	09/02/25 20:21	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/30/25 12:39	09/02/25 20:21	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/30/25 12:39	09/02/25 20:21	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/30/25 12:39	09/02/25 20:21	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/30/25 12:39	09/02/25 20:21	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/30/25 12:39	09/02/25 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*35 - 130*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
2-Fluorophenol (Surr)	*68*		*19 - 120*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
Phenol-d5 (Surr)	*42*		*8 - 124*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 130*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*	*08/30/25 12:39*	*09/02/25 20:21*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 130*	*08/30/25 12:39*	*09/02/25 20:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000458	U	0.000250	0.0000458	mg/L		08/30/25 12:58	09/04/25 13:31	1
PCB-1221	<0.0000458	U	0.000499	0.0000458	mg/L		08/30/25 12:58	09/04/25 13:31	1
PCB-1232	<0.0000458	U	0.000499	0.0000458	mg/L		08/30/25 12:58	09/04/25 13:31	1
PCB-1242	<0.0000458	U	0.000250	0.0000458	mg/L		08/30/25 12:58	09/04/25 13:31	1
PCB-1248	<0.0000458	U	0.000499	0.0000458	mg/L		08/30/25 12:58	09/04/25 13:31	1
PCB-1254	<0.0000603	U	0.000499	0.0000603	mg/L		08/30/25 12:58	09/04/25 13:31	1
PCB-1260	<0.0000603	U	0.000250	0.0000603	mg/L		08/30/25 12:58	09/04/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*52 - 134*	*08/30/25 12:58*	*09/04/25 13:31*	*1*
DCB Decachlorobiphenyl (Surr)	*60*		*28 - 94*	*08/30/25 12:58*	*09/04/25 13:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.569**		0.100	0.0391	mg/L			08/26/25 17:53	1
Fluoride	**0.474**	**J**	0.500	0.100	mg/L			08/26/25 17:53	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/26/25 17:53	1
Sulfate	**189**		0.500	0.200	mg/L			08/26/25 17:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1590**		5.00	2.50	mg/L			08/26/25 18:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**610**		10.0	5.08	mg/L		08/28/25 13:28	08/29/25 15:00	50
Iron	**0.300**		0.200	0.0283	mg/L		08/28/25 13:28	08/29/25 14:54	1
Magnesium	**48.2**		0.200	0.0445	mg/L		08/28/25 13:28	08/29/25 14:54	1
Sodium	**375**		25.0	7.59	mg/L		08/28/25 13:28	08/29/25 15:00	50
Sulfur	**69.0**		5.00	1.85	mg/L		08/28/25 13:28	08/29/25 15:00	50
SiO2	**59.1**		1.07	0.370	mg/L		08/28/25 13:28	08/29/25 14:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-06

Date Collected: 08/25/25 10:25
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-5

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**4.16**		0.500	0.106	mg/L		08/28/25 13:28	08/29/25 14:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.732**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 23:28	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 23:28	1
Arsenic	**0.00146**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 23:28	1
Barium	**0.0497**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 23:28	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 23:28	1
Boron	**0.207**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:50	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 23:28	1
Chromium	**0.00150**	**J**	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 23:28	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 23:28	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 23:28	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 23:28	1
Manganese	**0.00393**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 23:28	1
Molybdenum	**0.000772**	**J**	0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 23:28	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 23:28	1
Selenium	**0.0148**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 23:28	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 23:28	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 23:28	1
Uranium	**0.00134**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 23:28	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 23:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/28/25 14:13	08/28/25 21:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/27/25 18:52	1
pH (SW846 9040C)	**7.24**	**HF**			SU			08/29/25 13:44	1
Temperature (SW846 9040C)	**20.5**	**HF**			Degrees C			08/29/25 13:44	1
Corrosivity (SW846 9040C)	**7.24**	**HF**			SU			08/29/25 13:44	1
Cyanide, Total (EPA Kelada 01)	**0.00942**		0.00500	0.00198	mg/L			08/28/25 00:45	1
Total Cations (SM 1030E)	**50.8**				meq/L			08/29/25 15:00	1
Total Anions (SM 1030E)	**52.8**				meq/L			08/29/25 15:00	1
Percent Difference (SM 1030E)	**-1.89**				%			08/29/25 15:00	1
Alkalinity (SM 2320B)	**97.2**		4.00	4.00	mg/L			08/29/25 15:24	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**97.2**		4.00	4.00	mg/L			08/29/25 15:24	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:24	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:24	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:24	1
Total Dissolved Solids (SM 2540C)	**3690**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-37

Date Collected: 08/25/25 12:15
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-6

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 11:28	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 11:28	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/30/25 11:28*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/30/25 11:28*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/28/25 13:10	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/28/25 13:10	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/28/25 13:10	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/28/25 13:10	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/28/25 13:10	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/28/25 13:10	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/28/25 13:10	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/28/25 13:10	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 13:10	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/28/25 13:10	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/28/25 13:10	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 13:10	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/28/25 13:10	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/28/25 13:10	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/28/25 13:10	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 13:10	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/28/25 13:10	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/28/25 13:10	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 13:10	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/28/25 13:10	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/28/25 13:10	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 13:10	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/28/25 13:10*	*1*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*		*08/28/25 13:10*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/28/25 13:10*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/28/25 13:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/30/25 12:39	09/02/25 20:51	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/30/25 12:39	09/02/25 20:51	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/30/25 12:39	09/02/25 20:51	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/30/25 12:39	09/02/25 20:51	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/30/25 12:39	09/02/25 20:51	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/30/25 12:39	09/02/25 20:51	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/30/25 12:39	09/02/25 20:51	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/30/25 12:39	09/02/25 20:51	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-37
Date Collected: 08/25/25 12:15
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/30/25 12:39	09/02/25 20:51	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/30/25 12:39	09/02/25 20:51	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/30/25 12:39	09/02/25 20:51	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/30/25 12:39	09/02/25 20:51	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/30/25 12:39	09/02/25 20:51	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/30/25 12:39	09/02/25 20:51	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/30/25 12:39	09/02/25 20:51	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/30/25 12:39	09/02/25 20:51	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/30/25 12:39	09/02/25 20:51	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/30/25 12:39	09/02/25 20:51	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/30/25 12:39	09/02/25 20:51	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/30/25 12:39	09/02/25 20:51	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/30/25 12:39	09/02/25 20:51	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/30/25 12:39	09/02/25 20:51	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/30/25 12:39	09/02/25 20:51	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/30/25 12:39	09/02/25 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*35 - 130*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
2-Fluorophenol (Surr)	*73*		*19 - 120*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
Phenol-d5 (Surr)	*51*		*8 - 124*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 130*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*	*08/30/25 12:39*	*09/02/25 20:51*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 130*	*08/30/25 12:39*	*09/02/25 20:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000461	U	0.000251	0.0000461	mg/L		08/30/25 12:58	09/04/25 13:45	1
PCB-1221	<0.0000461	U	0.000502	0.0000461	mg/L		08/30/25 12:58	09/04/25 13:45	1
PCB-1232	<0.0000461	U	0.000502	0.0000461	mg/L		08/30/25 12:58	09/04/25 13:45	1
PCB-1242	<0.0000461	U	0.000251	0.0000461	mg/L		08/30/25 12:58	09/04/25 13:45	1
PCB-1248	<0.0000461	U	0.000502	0.0000461	mg/L		08/30/25 12:58	09/04/25 13:45	1
PCB-1254	<0.0000607	U	0.000502	0.0000607	mg/L		08/30/25 12:58	09/04/25 13:45	1
PCB-1260	<0.0000607	U	0.000251	0.0000607	mg/L		08/30/25 12:58	09/04/25 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*93*		*52 - 134*	*08/30/25 12:58*	*09/04/25 13:45*	*1*
DCB Decachlorobiphenyl (Surr)	*61*		*28 - 94*	*08/30/25 12:58*	*09/04/25 13:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.416**		0.100	0.0391	mg/L			08/26/25 18:13	1
Fluoride	**0.864**		0.500	0.100	mg/L			08/26/25 18:13	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/26/25 18:13	1
Sulfate	**156**		0.500	0.200	mg/L			08/26/25 18:13	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-37

Date Collected: 08/25/25 12:15
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-6

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1370**		5.00	2.50	mg/L			08/26/25 18:24	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**590**		10.0	5.08	mg/L		08/28/25 13:28	08/29/25 15:01	50
Iron	**0.768**		0.200	0.0283	mg/L		08/28/25 13:28	08/29/25 14:56	1
Magnesium	**65.8**		0.200	0.0445	mg/L		08/28/25 13:28	08/29/25 14:56	1
Sodium	**342**		25.0	7.59	mg/L		08/28/25 13:28	08/29/25 15:01	50
Sulfur	**64.0**		5.00	1.85	mg/L		08/28/25 13:28	08/29/25 15:01	50
SiO2	**61.6**		1.07	0.370	mg/L		08/28/25 13:28	08/29/25 14:56	1
Potassium	**6.90**		0.500	0.106	mg/L		08/28/25 13:28	08/29/25 14:56	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.27**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 23:33	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 23:33	1
Arsenic	**0.00217**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 23:33	1
Barium	**0.109**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 23:33	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 23:33	1
Boron	**0.259**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:53	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 23:33	1
Chromium	**0.00275**	**J**	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 23:33	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 23:33	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 23:33	1
Lead	**0.000407**	**J**	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 23:33	1
Manganese	**0.0255**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 23:33	1
Molybdenum	**0.00493**		0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 23:33	1
Nickel	**0.00150**	**J**	0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 23:33	1
Selenium	**0.0231**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 23:33	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 23:33	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 23:33	1
Uranium	**0.00409**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 23:33	1
Zinc	**0.00657**		0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 23:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/28/25 14:13	08/28/25 21:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/27/25 18:55	1
pH (SW846 9040C)	**7.45**	**HF**			SU			08/29/25 13:41	1
Temperature (SW846 9040C)	**20.1**	**HF**			Degrees C			08/29/25 13:41	1
Corrosivity (SW846 9040C)	**7.45**	**HF**			SU			08/29/25 13:41	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/28/25 00:48	1
Total Cations (SM 1030E)	**49.9**				meq/L			08/29/25 15:01	1
Total Anions (SM 1030E)	**45.9**				meq/L			08/29/25 15:01	1
Percent Difference (SM 1030E)	**4.14**				%			08/29/25 15:01	1
Alkalinity (SM 2320B)	**95.2**		4.00	4.00	mg/L			08/29/25 15:30	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**95.2**		4.00	4.00	mg/L			08/29/25 15:30	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-37
Date Collected: 08/25/25 12:15
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-6
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:30	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:30	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 15:30	1
Total Dissolved Solids (SM 2540C)	**3440**		40.0	40.0	mg/L			08/28/25 11:47	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-109972-1	TMW-30	105	103	103	100
860-109972-1 MS	TMW-30	97	99	100	113
860-109972-2	Dup-07-W	108	104	107	100
860-109972-3	Dup-08-W	106	106	104	100
860-109972-4	TMW-18	108	104	108	101
860-109972-5	TMW-06	109	102	104	101
860-109972-6	TMW-37	106	108	104	101
LCS 860-258340/3	Lab Control Sample	109	109	109	105
LCSD 860-258340/4	Lab Control Sample Dup	110	108	116	102
MB 860-258340/9	Method Blank	104	109	104	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TOL (70-130)	BFB (70-130)
860-109972-1	TMW-30	92	104
860-109972-4	TMW-18	90	96
860-109972-5	TMW-06	94	99
860-109972-6	TMW-37	93	100
LCS 860-258888/3	Lab Control Sample	93	102
LCSD 860-258888/4	Lab Control Sample Dup	94	99
MB 860-258888/6	Method Blank	96	100

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-109972-1	TMW-30	78	66	80	80	38	84	84	84
860-109972-4	TMW-18	72	73	79	79	42	81	81	89
860-109972-5	TMW-06	68	68	82	82	42	89	89	87
860-109972-6	TMW-37	71	73	82	82	51	83	83	84
LCS 860-259028/2-A	Lab Control Sample	77	104	91	91	99	90	90	82
LCS 860-259028/4-A	Lab Control Sample	80	106	92	92	111	96	96	83
LCSD 860-259028/3-A	Lab Control Sample Dup	77	99	81	81	98	89	89	79
LCSD 860-259028/5-A	Lab Control Sample Dup	78	103	92	92	102	93	93	81
MB 860-259028/1-A	Method Blank	75	106	84	84	99	79	79	80

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109972-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	TPHd14 (47-130)								
860-109972-1	TMW-30	84								
860-109972-4	TMW-18	89								
860-109972-5	TMW-06	87								
860-109972-6	TMW-37	84								
LCS 860-259028/2-A	Lab Control Sample	82								
LCS 860-259028/4-A	Lab Control Sample	83								
LCSD 860-259028/3-A	Lab Control Sample Dup	79								
LCSD 860-259028/5-A	Lab Control Sample Dup	81								
MB 860-259028/1-A	Method Blank	80								

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	1CO1 (70-135)	OTPH1 (70-135)							
860-109972-2	Dup-07-W	107	106							
860-109972-3	Dup-08-W	104	104							
LCS 860-258795/2-A	Lab Control Sample	129	137 S1+							
LCSD 860-258795/3-A	Lab Control Sample Dup	123	127							
MB 860-258795/1-A	Method Blank	115	112							

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)							
860-109972-1	TMW-30	82	50							
860-109972-4	TMW-18	93	50							
860-109972-5	TMW-06	86	60							
860-109972-6	TMW-37	93	61							
LCS 860-258516/4-A	Lab Control Sample	83	73							
LCS 860-258871/4-A	Lab Control Sample	83	62							
LCSD 860-258516/5-A	Lab Control Sample Dup	85	74							
LCSD 860-258871/5-A	Lab Control Sample Dup	81	63							
MB 860-258516/1-A	Method Blank	88	78							
MB 860-258871/1-A	Method Blank	77	58							

Surrogate Legend

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109972-1
Project/Site: EBDU 37

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-258340/9
Matrix: Water
Analysis Batch: 258340

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/28/25 11:07	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/28/25 11:07	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/28/25 11:07	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/28/25 11:07	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/28/25 11:07	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/28/25 11:07	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/28/25 11:07	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/28/25 11:07	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/28/25 11:07	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/28/25 11:07	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/28/25 11:07	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/28/25 11:07	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/28/25 11:07	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/28/25 11:07	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/28/25 11:07	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/28/25 11:07	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/28/25 11:07	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/28/25 11:07	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 11:07	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/28/25 11:07	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/28/25 11:07	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/28/25 11:07	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/28/25 11:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/28/25 11:07*	*1*
4-Bromofluorobenzene (Surr)	*109*		*74 - 124*		*08/28/25 11:07*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/28/25 11:07*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/28/25 11:07*	*1*

Lab Sample ID: LCS 860-258340/3
Matrix: Water
Analysis Batch: 258340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05134		mg/L		103	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.06027		mg/L		121	74 - 125
1,1,2-Trichloroethane	0.0500	0.05136		mg/L		103	75 - 130
1,1-Dichloroethane	0.0500	0.06218		mg/L		124	71 - 130
1,1-Dichloroethene	0.0500	0.04908		mg/L		98	50 - 150
1,2-Dibromoethane	0.0500	0.04966		mg/L		99	73 - 125
1,2-Dichloroethane	0.0500	0.05165		mg/L		103	72 - 130
1,2-Dichloropropane	0.0500	0.05387		mg/L		108	74 - 125
Benzene	0.0500	0.04874		mg/L		97	75 - 125
Carbon tetrachloride	0.0500	0.05184		mg/L		104	70 - 125
Chloroform	0.0500	0.05226		mg/L		105	70 - 121
Ethylbenzene	0.0500	0.05207		mg/L		104	75 - 125
MTBE	0.0500	0.05765		mg/L		115	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-258340/3
Matrix: Water
Analysis Batch: 258340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	0.0500	0.05180		mg/L		104	71 - 125
Tetrachloroethene	0.0500	0.04382		mg/L		88	71 - 125
Toluene	0.0500	0.04857		mg/L		97	75 - 130
Trichloroethene	0.0500	0.04055		mg/L		81	75 - 135
Vinyl chloride	0.0500	0.04436		mg/L		89	60 - 140
cis-1,2-Dichloroethene	0.0500	0.05672		mg/L		113	75 - 125
trans-1,2-Dichloroethene	0.0500	0.05401		mg/L		108	75 - 125
o-Xylene	0.0500	0.05170		mg/L		103	75 - 125
m,p-Xylenes	0.0500	0.05150		mg/L		103	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
4-Bromofluorobenzene (Surr)	*109*		*74 - 124*
Dibromofluoromethane (Surr)	*109*		*75 - 131*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: LCSD 860-258340/4
Matrix: Water
Analysis Batch: 258340

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0500	0.05169		mg/L		103	70 - 130	1	25
1,1,2,2-Tetrachloroethane	0.0500	0.05247		mg/L		105	74 - 125	14	25
1,1,2-Trichloroethane	0.0500	0.04887		mg/L		98	75 - 130	5	25
1,1-Dichloroethane	0.0500	0.06141		mg/L		123	71 - 130	1	25
1,1-Dichloroethene	0.0500	0.04903		mg/L		98	50 - 150	0	25
1,2-Dibromoethane	0.0500	0.04551		mg/L		91	73 - 125	9	25
1,2-Dichloroethane	0.0500	0.04886		mg/L		98	72 - 130	6	25
1,2-Dichloropropane	0.0500	0.05118		mg/L		102	74 - 125	5	25
Benzene	0.0500	0.04715		mg/L		94	75 - 125	3	25
Carbon tetrachloride	0.0500	0.05229		mg/L		105	70 - 125	1	25
Chloroform	0.0500	0.05320		mg/L		106	70 - 121	2	25
Ethylbenzene	0.0500	0.04705		mg/L		94	75 - 125	10	25
MTBE	0.0500	0.05826		mg/L		117	65 - 135	1	25
Methylene Chloride	0.0500	0.05133		mg/L		103	71 - 125	1	25
Tetrachloroethene	0.0500	0.04283		mg/L		86	71 - 125	2	25
Toluene	0.0500	0.04588		mg/L		92	75 - 130	6	25
Trichloroethene	0.0500	0.04091		mg/L		82	75 - 135	1	25
Vinyl chloride	0.0500	0.04445		mg/L		89	60 - 140	0	25
cis-1,2-Dichloroethene	0.0500	0.05628		mg/L		113	75 - 125	1	25
trans-1,2-Dichloroethene	0.0500	0.05565		mg/L		111	75 - 125	3	25
o-Xylene	0.0500	0.04768		mg/L		95	75 - 125	8	25
m,p-Xylenes	0.0500	0.04749		mg/L		95	75 - 125	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*
4-Bromofluorobenzene (Surr)	*108*		*74 - 124*
Dibromofluoromethane (Surr)	*116*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-258340/4
Matrix: Water
Analysis Batch: 258340

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 860-109972-1 MS
Matrix: Water
Analysis Batch: 258340

Client Sample ID: TMW-30
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.000585	U	0.0500	0.04316		mg/L		86	75 - 125
1,1,2,2-Tetrachloroethane	<0.000470	U	0.0500	0.04803		mg/L		96	74 - 125
1,1,2-Trichloroethane	<0.000411	U	0.0500	0.05137		mg/L		103	75 - 127
1,1-Dichloroethane	<0.000635	U	0.0500	0.05513		mg/L		110	72 - 125
1,1-Dichloroethene	<0.000738	U	0.0500	0.04036		mg/L		81	59 - 172
1,2-Dibromoethane	<0.000999	U	0.0500	0.04526		mg/L		91	73 - 125
1,2-Dichloroethane	<0.000372	U	0.0500	0.04279		mg/L		86	68 - 127
1,2-Dichloropropane	<0.000556	U	0.0500	0.04478		mg/L		90	74 - 125
Benzene	<0.000460	U	0.0500	0.04222		mg/L		84	66 - 142
Carbon tetrachloride	<0.000896	U	0.0500	0.04543		mg/L		91	62 - 125
Chloroform	<0.000464	U	0.0500	0.04340		mg/L		87	70 - 130
Ethylbenzene	<0.000385	U	0.0500	0.04792		mg/L		96	75 - 125
MTBE	<0.00139	U	0.0500	0.04977		mg/L		100	65 - 135
Methylene Chloride	<0.00173	U	0.0500	0.04212		mg/L		84	75 - 125
Tetrachloroethene	<0.000655	U	0.0500	0.04684		mg/L		94	71 - 125
Toluene	<0.000475	U	0.0500	0.05009		mg/L		100	59 - 139
Trichloroethene	<0.00150	U	0.0500	0.04010		mg/L		80	62 - 137
Vinyl chloride	<0.000428	U	0.0500	0.03606		mg/L		72	60 - 140
cis-1,2-Dichloroethene	<0.000457	U	0.0500	0.04322		mg/L		86	75 - 125
trans-1,2-Dichloroethene	<0.000368	U	0.0500	0.04613		mg/L		92	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04710		mg/L		94	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04868		mg/L		97	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 144*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*113*		*80 - 120*

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-258888/6
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 10:06	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 10:06	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 10:06	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-258888/6
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		70 - 130		08/30/25 10:06	1
4-Bromofluorobenzene (Surr)	100		70 - 130		08/30/25 10:06	1

Lab Sample ID: LCS 860-258888/3
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 860-258888/4
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-259028/1-A
Matrix: Water
Analysis Batch: 259133

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/30/25 12:39	09/02/25 13:12	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/30/25 12:39	09/02/25 13:12	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/30/25 12:39	09/02/25 13:12	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/30/25 12:39	09/02/25 13:12	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/30/25 12:39	09/02/25 13:12	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/30/25 12:39	09/02/25 13:12	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/30/25 12:39	09/02/25 13:12	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/30/25 12:39	09/02/25 13:12	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/30/25 12:39	09/02/25 13:12	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/30/25 12:39	09/02/25 13:12	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/30/25 12:39	09/02/25 13:12	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/30/25 12:39	09/02/25 13:12	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/30/25 12:39	09/02/25 13:12	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/30/25 12:39	09/02/25 13:12	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/30/25 12:39	09/02/25 13:12	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/30/25 12:39	09/02/25 13:12	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/30/25 12:39	09/02/25 13:12	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/30/25 12:39	09/02/25 13:12	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/30/25 12:39	09/02/25 13:12	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/30/25 12:39	09/02/25 13:12	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/30/25 12:39	09/02/25 13:12	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/30/25 12:39	09/02/25 13:12	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-259028/1-A
Matrix: Water
Analysis Batch: 259133

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259028

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/30/25 12:39	09/02/25 13:12	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/30/25 12:39	09/02/25 13:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*35 - 130*	*08/30/25 12:39*	*09/02/25 13:12*	*1*
2-Fluorophenol (Surr)	*106*		*19 - 120*	*08/30/25 12:39*	*09/02/25 13:12*	*1*
2-Fluorobiphenyl	*84*		*43 - 130*	*08/30/25 12:39*	*09/02/25 13:12*	*1*
Phenol-d5 (Surr)	*99*		*8 - 124*	*08/30/25 12:39*	*09/02/25 13:12*	*1*
Nitrobenzene-d5 (Surr)	*79*		*37 - 133*	*08/30/25 12:39*	*09/02/25 13:12*	*1*
p-Terphenyl-d14 (Surr)	*80*		*47 - 130*	*08/30/25 12:39*	*09/02/25 13:12*	*1*

Lab Sample ID: LCS 860-259028/2-A
Matrix: Water
Analysis Batch: 259133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259028

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	4.534		ug/L		79	52 - 125
1,2,4-Trichlorobenzene	5.71	3.868		ug/L		68	55 - 120
2-Methylnaphthalene	5.71	4.530		ug/L		79	33 - 149
Acenaphthene	5.71	4.280		ug/L		75	48 - 136
1,2-Dichlorobenzene	5.71	4.950		ug/L		87	65 - 130
Acenaphthylene	5.71	4.158		ug/L		73	40 - 149
Anthracene	5.71	5.083		ug/L		89	51 - 146
Benzo[a]anthracene	5.71	4.321		ug/L		76	43 - 145
Benzo[a]pyrene	5.71	4.648		ug/L		81	52 - 136
1,4-Dichlorobenzene	5.71	4.943		ug/L		87	60 - 150
Benzo[b]fluoranthene	5.71	4.702		ug/L		82	45 - 140
Atrazine	5.71	4.754		ug/L		83	46 - 148
Benzo[g,h,i]perylene	5.71	4.236		ug/L		74	44 - 137
Benzo[k]fluoranthene	5.71	4.902		ug/L		86	37 - 140
Pentachlorophenol	5.71	4.742		ug/L		83	33 - 150
Chrysene	5.71	4.989		ug/L		87	47 - 137
Dibenz(a,h)anthracene	5.71	4.599		ug/L		80	50 - 147
Fluoranthene	5.71	5.510		ug/L		96	50 - 144
Fluorene	5.71	4.555		ug/L		80	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	4.030		ug/L		71	46 - 138
Naphthalene	5.71	5.280		ug/L		92	35 - 141
Phenanthrene	5.71	4.516		ug/L		79	54 - 141
Pyrene	5.71	5.195		ug/L		91	50 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*35 - 130*
2-Fluorophenol (Surr)	*104*		*19 - 120*
2-Fluorobiphenyl	*91*		*43 - 130*
Phenol-d5 (Surr)	*99*		*8 - 124*
Nitrobenzene-d5 (Surr)	*90*		*37 - 133*
p-Terphenyl-d14 (Surr)	*82*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-259028/4-A
Matrix: Water
Analysis Batch: 259133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259028

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			22.9	22.07		ug/L		97	35 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*35 - 130*
2-Fluorophenol (Surr)	*106*		*19 - 120*
2-Fluorobiphenyl	*92*		*43 - 130*
Phenol-d5 (Surr)	*111*		*8 - 124*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*
p-Terphenyl-d14 (Surr)	*83*		*47 - 130*

Lab Sample ID: LCSD 860-259028/3-A
Matrix: Water
Analysis Batch: 259133

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259028

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	4.034		ug/L		71	52 - 125	12	30
1,2,4-Trichlorobenzene			5.71	3.538		ug/L		62	55 - 120	9	30
2-Methylnaphthalene			5.71	4.228		ug/L		74	33 - 149	7	30
Acenaphthene			5.71	3.997		ug/L		70	48 - 136	7	30
1,2-Dichlorobenzene			5.71	4.733		ug/L		83	65 - 130	4	30
Acenaphthylene			5.71	3.807		ug/L		67	40 - 149	9	30
Anthracene			5.71	4.732		ug/L		83	51 - 146	7	30
Benzo[a]anthracene			5.71	4.073		ug/L		71	43 - 145	6	30
Benzo[a]pyrene			5.71	4.360		ug/L		76	52 - 136	6	30
1,4-Dichlorobenzene			5.71	4.712		ug/L		82	60 - 150	5	30
Benzo[b]fluoranthene			5.71	4.433		ug/L		78	45 - 140	6	30
Atrazine			5.71	4.439		ug/L		78	46 - 148	7	30
Benzo[g,h,i]perylene			5.71	3.986		ug/L		70	44 - 137	6	30
Benzo[k]fluoranthene			5.71	4.569		ug/L		80	37 - 140	7	30
Pentachlorophenol			5.71	4.979		ug/L		87	33 - 150	5	30
Chrysene			5.71	4.780		ug/L		84	47 - 137	4	30
Dibenz(a,h)anthracene			5.71	4.478		ug/L		78	50 - 147	3	30
Fluoranthene			5.71	5.211		ug/L		91	50 - 144	6	30
Fluorene			5.71	4.369		ug/L		76	54 - 136	4	30
Indeno[1,2,3-cd]pyrene			5.71	3.795		ug/L		66	46 - 138	6	30
Naphthalene			5.71	4.863		ug/L		85	35 - 141	8	30
Phenanthrene			5.71	4.345		ug/L		76	54 - 141	4	30
Pyrene			5.71	4.970		ug/L		87	50 - 143	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*35 - 130*
2-Fluorophenol (Surr)	*99*		*19 - 120*
2-Fluorobiphenyl	*81*		*43 - 130*
Phenol-d5 (Surr)	*98*		*8 - 124*
Nitrobenzene-d5 (Surr)	*89*		*37 - 133*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-259028/5-A
Matrix: Water
Analysis Batch: 259133

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259028

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	21.48		ug/L		94	35 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*
2-Fluorophenol (Surr)	*103*		*19 - 120*
2-Fluorobiphenyl	*92*		*43 - 130*
Phenol-d5 (Surr)	*102*		*8 - 124*
Nitrobenzene-d5 (Surr)	*93*		*37 - 133*
p-Terphenyl-d14 (Surr)	*81*		*47 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 860-258795/1-A
Matrix: Water
Analysis Batch: 258674

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258795

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.988	U	5.00	0.988	mg/L		08/29/25 13:33	08/29/25 19:27	1
Diesel Range Organics (Over C10-C28)	<0.988	U	5.00	0.988	mg/L		08/29/25 13:33	08/29/25 19:27	1
Oil Range Organics (Over C28-C36)	<0.954	U	5.00	0.954	mg/L		08/29/25 13:33	08/29/25 19:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 135*	*08/29/25 13:33*	*08/29/25 19:27*	*1*
o-Terphenyl	*112*		*70 - 135*	*08/29/25 13:33*	*08/29/25 19:27*	*1*

Lab Sample ID: LCS 860-258795/2-A
Matrix: Water
Analysis Batch: 258674

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258795

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			100	103.1		mg/L		103	70 - 130		
Diesel Range Organics (Over C10-C28)			100	102.6		mg/L		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*129*		*70 - 135*
o-Terphenyl	*137*	*S1+*	*70 - 135*

Lab Sample ID: LCSD 860-258795/3-A
Matrix: Water
Analysis Batch: 258674

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258795

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			100	108.2		mg/L		108	70 - 130	5	35

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 860-258795/3-A
Matrix: Water
Analysis Batch: 258674

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258795

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)			100	105.7		mg/L		106	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*123*		*70 - 135*
o-Terphenyl	*127*		*70 - 135*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-258516/1-A
Matrix: Water
Analysis Batch: 259104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000527	U	0.000287	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1221	<0.0000527	U	0.000573	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1232	<0.0000527	U	0.000573	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1242	<0.0000527	U	0.000287	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1248	<0.0000527	U	0.000573	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1254	<0.0000693	U	0.000573	0.0000693	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1260	<0.0000693	U	0.000287	0.0000693	mg/L		08/28/25 14:01	09/02/25 08:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*52 - 134*	*08/28/25 14:01*	*09/02/25 08:25*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*28 - 94*	*08/28/25 14:01*	*09/02/25 08:25*	*1*

Lab Sample ID: LCS 860-258516/4-A
Matrix: Water
Analysis Batch: 259104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258516

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016			0.00580	0.005893		mg/L		102	75 - 135
PCB-1260			0.00580	0.005626		mg/L		97	65 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*73*		*28 - 94*

Lab Sample ID: LCSD 860-258516/5-A
Matrix: Water
Analysis Batch: 259104

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258516

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00590	0.006107		mg/L		104	75 - 135	4	20
PCB-1260			0.00590	0.005823		mg/L		99	65 - 115	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*52 - 134*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCSD 860-258516/5-A
Matrix: Water
Analysis Batch: 259104

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258516

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	74		28 - 94

Lab Sample ID: MB 860-258871/1-A
Matrix: Water
Analysis Batch: 259712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258871

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000459	U	0.000250	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1221	<0.0000459	U	0.000500	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1232	<0.0000459	U	0.000500	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1242	<0.0000459	U	0.000250	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1248	<0.0000459	U	0.000500	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1254	<0.0000605	U	0.000500	0.0000605	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1260	<0.0000605	U	0.000250	0.0000605	mg/L		08/29/25 16:24	09/04/25 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		52 - 134	08/29/25 16:24	09/04/25 11:15	1
DCB Decachlorobiphenyl (Surr)	58		28 - 94	08/29/25 16:24	09/04/25 11:15	1

Lab Sample ID: LCS 860-258871/4-A
Matrix: Water
Analysis Batch: 259712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258871

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00500	0.005302		mg/L		106	75 - 135		
PCB-1260			0.00500	0.005003		mg/L		100	65 - 115		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	83		52 - 134
DCB Decachlorobiphenyl (Surr)	62		28 - 94

Lab Sample ID: LCSD 860-258871/5-A
Matrix: Water
Analysis Batch: 259712

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258871

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00500	0.005151		mg/L		103	75 - 135	3	20
PCB-1260			0.00500	0.005036		mg/L		101	65 - 115	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	81		52 - 134
DCB Decachlorobiphenyl (Surr)	63		28 - 94

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-257736/3
Matrix: Water
Analysis Batch: 257736

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/26/25 11:25	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/26/25 11:25	1

Lab Sample ID: LCS 860-257736/4
Matrix: Water
Analysis Batch: 257736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.285		mg/L		93	90 - 110
Nitrite as N	10.0	9.583		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-257736/5
Matrix: Water
Analysis Batch: 257736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	9.204		mg/L		92	90 - 110	1	20
Nitrite as N	10.0	9.532		mg/L		95	90 - 110	1	20

Lab Sample ID: LLCS 860-257736/6
Matrix: Water
Analysis Batch: 257736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1240		mg/L		124	50 - 150
Nitrite as N	0.100	<0.0699	U	mg/L		53	50 - 150

Lab Sample ID: MB 860-257737/3
Matrix: Water
Analysis Batch: 257737

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/26/25 11:25	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/26/25 11:25	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/26/25 11:25	1

Lab Sample ID: LCS 860-257737/4
Matrix: Water
Analysis Batch: 257737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.738		mg/L		97	90 - 110
Fluoride	10.0	9.916		mg/L		99	90 - 110
Sulfate	10.0	9.919		mg/L		99	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-257737/5
Matrix: Water
Analysis Batch: 257737

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.656		mg/L		97	90 - 110	1	20
Fluoride			10.0	9.847		mg/L		98	90 - 110	1	20
Sulfate			10.0	9.840		mg/L		98	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-258070/1-A
Matrix: Water
Analysis Batch: 258091

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/27/25 11:25	08/27/25 16:49	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 16:49	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 16:49	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/27/25 11:25	08/27/25 16:49	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 16:49	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/27/25 11:25	08/27/25 16:49	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/27/25 11:25	08/27/25 16:49	1

Lab Sample ID: LCS 860-258070/2-A
Matrix: Water
Analysis Batch: 258091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258070

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium			25.0	25.70		mg/L		103	80 - 120
Iron			5.00	5.160		mg/L		103	80 - 120
Magnesium			25.0	25.70		mg/L		103	80 - 120
Sodium			25.0	25.00		mg/L		100	80 - 120
Sulfur			5.00	5.030		mg/L		101	80 - 125
SiO2			21.4	23.11		mg/L		108	80 - 120
Potassium			10.0	10.10		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-258070/3-A
Matrix: Water
Analysis Batch: 258091

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258070

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium			25.0	25.70		mg/L		103	80 - 120	0	20
Iron			5.00	5.170		mg/L		103	80 - 120	0	20
Magnesium			25.0	25.70		mg/L		103	80 - 120	0	20
Sodium			25.0	25.10		mg/L		100	80 - 120	0	20
Sulfur			5.00	5.040		mg/L		101	80 - 125	0	20
SiO2			21.4	23.11		mg/L		108	80 - 120	0	20
Potassium			10.0	10.10		mg/L		101	80 - 120	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-258507/1-A
Matrix: Water
Analysis Batch: 258837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/28/25 13:28	08/29/25 14:14	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/28/25 13:28	08/29/25 14:14	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/28/25 13:28	08/29/25 14:14	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/28/25 13:28	08/29/25 14:14	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/28/25 13:28	08/29/25 14:14	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/28/25 13:28	08/29/25 14:14	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/28/25 13:28	08/29/25 14:14	1

Lab Sample ID: LCS 860-258507/2-A
Matrix: Water
Analysis Batch: 258837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	24.50		mg/L		98	80 - 120
Iron	5.00	4.890		mg/L		98	80 - 120
Magnesium	25.0	24.30		mg/L		97	80 - 120
Sodium	25.0	25.60		mg/L		102	80 - 120
Sulfur	5.00	5.010		mg/L		100	80 - 125
SiO2	21.4	22.68		mg/L		106	80 - 120
Potassium	10.0	10.20		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-258507/3-A
Matrix: Water
Analysis Batch: 258837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258507

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	24.50		mg/L		98	80 - 120	0	20
Iron	5.00	4.880		mg/L		98	80 - 120	0	20
Magnesium	25.0	24.20		mg/L		97	80 - 120	0	20
Sodium	25.0	25.50		mg/L		102	80 - 120	0	20
Sulfur	5.00	5.040		mg/L		101	80 - 125	1	20
SiO2	21.4	22.68		mg/L		106	80 - 120	0	20
Potassium	10.0	10.20		mg/L		102	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-258506/1-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 21:58	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 21:58	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 21:58	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 21:58	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 21:58	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 21:58	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 21:58	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 21:58	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-258506/1-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 21:58	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 21:58	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 21:58	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 21:58	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 21:58	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 21:58	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 21:58	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 21:58	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 21:58	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 21:58	1

Lab Sample ID: MB 860-258506/1-A
Matrix: Water
Analysis Batch: 259252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/28/25 14:30	09/02/25 12:56	1

Lab Sample ID: LCS 860-258506/2-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4745		mg/L		95	80 - 120
Antimony	0.100	0.09317		mg/L		93	80 - 120
Arsenic	0.100	0.09851		mg/L		99	80 - 120
Barium	0.100	0.09813		mg/L		98	80 - 120
Beryllium	0.100	0.09640		mg/L		96	80 - 120
Cadmium	0.100	0.09790		mg/L		98	80 - 120
Chromium	0.100	0.09769		mg/L		98	80 - 120
Cobalt	0.100	0.09731		mg/L		97	80 - 120
Copper	0.100	0.09728		mg/L		97	80 - 120
Lead	0.100	0.09818		mg/L		98	80 - 120
Manganese	0.100	0.09927		mg/L		99	80 - 120
Molybdenum	0.100	0.09459		mg/L		95	80 - 120
Nickel	0.100	0.09889		mg/L		99	80 - 120
Selenium	0.100	0.09983		mg/L		100	80 - 120
Silver	0.0500	0.04972		mg/L		99	80 - 120
Thallium	0.100	0.09993		mg/L		100	80 - 120
Uranium	0.0250	0.02465		mg/L		99	80 - 120
Zinc	0.100	0.09813		mg/L		98	80 - 120

Lab Sample ID: LCS 860-258506/2-A
Matrix: Water
Analysis Batch: 259252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09677		mg/L		97	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-258506/3-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4882		mg/L		98	80 - 120	3	20
Antimony			0.100	0.09348		mg/L		93	80 - 120	0	20
Arsenic			0.100	0.09689		mg/L		97	80 - 120	2	20
Barium			0.100	0.09474		mg/L		95	80 - 120	4	20
Beryllium			0.100	0.09544		mg/L		95	80 - 120	1	20
Cadmium			0.100	0.09621		mg/L		96	80 - 120	2	20
Chromium			0.100	0.09595		mg/L		96	80 - 120	2	20
Cobalt			0.100	0.09595		mg/L		96	80 - 120	1	20
Copper			0.100	0.09568		mg/L		96	80 - 120	2	20
Lead			0.100	0.09791		mg/L		98	80 - 120	0	20
Manganese			0.100	0.09722		mg/L		97	80 - 120	2	20
Molybdenum			0.100	0.09337		mg/L		93	80 - 120	1	20
Nickel			0.100	0.09641		mg/L		96	80 - 120	3	20
Selenium			0.100	0.1006		mg/L		101	80 - 120	1	20
Silver			0.0500	0.04888		mg/L		98	80 - 120	2	20
Thallium			0.100	0.1004		mg/L		100	80 - 120	1	20
Uranium			0.0250	0.02490		mg/L		100	80 - 120	1	20
Zinc			0.100	0.09591		mg/L		96	80 - 120	2	20

Lab Sample ID: LCSD 860-258506/3-A
Matrix: Water
Analysis Batch: 259252

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.09972		mg/L		100	80 - 120	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-258522/10-A
Matrix: Water
Analysis Batch: 258643

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/28/25 14:12	08/28/25 20:23	1

Lab Sample ID: LCS 860-258522/11-A
Matrix: Water
Analysis Batch: 258643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258522

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.00200	0.001888		mg/L		94	80 - 120

Lab Sample ID: LCSD 860-258522/12-A
Matrix: Water
Analysis Batch: 258643

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258522

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001913		mg/L		96	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-258316/16
Matrix: Water
Analysis Batch: 258316

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/27/25 18:07	1

Lab Sample ID: LCS 860-258316/17
Matrix: Water
Analysis Batch: 258316

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09690		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-258316/18
Matrix: Water
Analysis Batch: 258316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.1006		mg/L		101	90 - 110	4	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-258446/24
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/27/25 21:44	1

Lab Sample ID: MB 860-258446/65
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/27/25 23:48	1

Lab Sample ID: LCS 860-258446/25
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.1083		mg/L		108	90 - 110

Lab Sample ID: LCS 860-258446/66
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.1007		mg/L		101	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: LCSD 860-258446/26
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.1085		mg/L		109	90 - 110	0	20

Lab Sample ID: LCSD 860-258446/67
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.09991		mg/L		100	90 - 110	1	20

Lab Sample ID: LLCS 860-258446/27
Matrix: Water
Analysis Batch: 258446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total			0.00500	0.005659		mg/L		113	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-258866/3
Matrix: Water
Analysis Batch: 258866

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/29/25 12:23	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/29/25 12:23	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/29/25 12:23	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/29/25 12:23	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/29/25 12:23	1

Lab Sample ID: LCS 860-258866/4
Matrix: Water
Analysis Batch: 258866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity			250	248.6		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-258866/5
Matrix: Water
Analysis Batch: 258866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	248.8		mg/L		100	85 - 115	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258470/1
Matrix: Water
Analysis Batch: 258470

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/28/25 11:47	1

Lab Sample ID: LCS 860-258470/2
Matrix: Water
Analysis Batch: 258470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1100		mg/L		110	80 - 120

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

GC/MS VOA

Analysis Batch: 258340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	8260D	
860-109972-2	Dup-07-W	Total/NA	Water	8260D	
860-109972-3	Dup-08-W	Total/NA	Water	8260D	
860-109972-4	TMW-18	Total/NA	Water	8260D	
860-109972-5	TMW-06	Total/NA	Water	8260D	
860-109972-6	TMW-37	Total/NA	Water	8260D	
MB 860-258340/9	Method Blank	Total/NA	Water	8260D	
LCS 860-258340/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-258340/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-109972-1 MS	TMW-30	Total/NA	Water	8260D	

Analysis Batch: 258888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	8260D SIM	
860-109972-4	TMW-18	Total/NA	Water	8260D SIM	
860-109972-5	TMW-06	Total/NA	Water	8260D SIM	
860-109972-6	TMW-37	Total/NA	Water	8260D SIM	
MB 860-258888/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-258888/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-258888/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

GC/MS Semi VOA

Prep Batch: 259028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	3511	
860-109972-4	TMW-18	Total/NA	Water	3511	
860-109972-5	TMW-06	Total/NA	Water	3511	
860-109972-6	TMW-37	Total/NA	Water	3511	
MB 860-259028/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-259028/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-259028/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-259028/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-259028/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 259133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	8270E	259028
860-109972-4	TMW-18	Total/NA	Water	8270E	259028
860-109972-5	TMW-06	Total/NA	Water	8270E	259028
860-109972-6	TMW-37	Total/NA	Water	8270E	259028
MB 860-259028/1-A	Method Blank	Total/NA	Water	8270E	259028
LCS 860-259028/2-A	Lab Control Sample	Total/NA	Water	8270E	259028
LCS 860-259028/4-A	Lab Control Sample	Total/NA	Water	8270E	259028
LCSD 860-259028/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	259028
LCSD 860-259028/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	259028

GC Semi VOA

Prep Batch: 258516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	3511	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

GC Semi VOA (Continued)

Prep Batch: 258516 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-4	TMW-18	Total/NA	Water	3511	
MB 860-258516/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-258516/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-258516/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 258674

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-2	Dup-07-W	Total/NA	Water	8015B NM	258795
860-109972-3	Dup-08-W	Total/NA	Water	8015B NM	258795
MB 860-258795/1-A	Method Blank	Total/NA	Water	8015B NM	258795
LCS 860-258795/2-A	Lab Control Sample	Total/NA	Water	8015B NM	258795
LCSD 860-258795/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	258795

Prep Batch: 258795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-2	Dup-07-W	Total/NA	Water	8015NM Aq Prep	
860-109972-3	Dup-08-W	Total/NA	Water	8015NM Aq Prep	
MB 860-258795/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 860-258795/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 860-258795/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Prep Batch: 258871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-5	TMW-06	Total/NA	Water	3511	
860-109972-6	TMW-37	Total/NA	Water	3511	
MB 860-258871/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-258871/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-258871/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 259104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	8082A	258516
860-109972-4	TMW-18	Total/NA	Water	8082A	258516
MB 860-258516/1-A	Method Blank	Total/NA	Water	8082A	258516
LCS 860-258516/4-A	Lab Control Sample	Total/NA	Water	8082A	258516
LCSD 860-258516/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	258516

Analysis Batch: 259712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-5	TMW-06	Total/NA	Water	8082A	258871
860-109972-6	TMW-37	Total/NA	Water	8082A	258871
MB 860-258871/1-A	Method Blank	Total/NA	Water	8082A	258871
LCS 860-258871/4-A	Lab Control Sample	Total/NA	Water	8082A	258871
LCSD 860-258871/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	258871

HPLC/IC

Analysis Batch: 257736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	300.0	
860-109972-4	TMW-18	Total/NA	Water	300.0	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

HPLC/IC (Continued)

Analysis Batch: 257736 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-5	TMW-06	Total/NA	Water	300.0	
860-109972-6	TMW-37	Total/NA	Water	300.0	
MB 860-257736/3	Method Blank	Total/NA	Water	300.0	
LCS 860-257736/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-257736/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-257736/6	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 257737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	300.0	
860-109972-1 - DL	TMW-30	Total/NA	Water	300.0	
860-109972-2	Dup-07-W	Total/NA	Water	300.0	
860-109972-3	Dup-08-W	Total/NA	Water	300.0	
860-109972-4	TMW-18	Total/NA	Water	300.0	
860-109972-4 - DL	TMW-18	Total/NA	Water	300.0	
860-109972-5	TMW-06	Total/NA	Water	300.0	
860-109972-5 - DL	TMW-06	Total/NA	Water	300.0	
860-109972-6	TMW-37	Total/NA	Water	300.0	
860-109972-6 - DL	TMW-37	Total/NA	Water	300.0	
MB 860-257737/3	Method Blank	Total/NA	Water	300.0	
LCS 860-257737/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-257737/5	Lab Control Sample Dup	Total/NA	Water	300.0	

Metals

Prep Batch: 258070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	3010A	
MB 860-258070/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258070/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258070/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 258091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	6010D	258070
860-109972-1	TMW-30	Total/NA	Water	6010D	258070
MB 860-258070/1-A	Method Blank	Total/NA	Water	6010D	258070
LCS 860-258070/2-A	Lab Control Sample	Total/NA	Water	6010D	258070
LCSD 860-258070/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258070

Prep Batch: 258506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	3010A	
860-109972-4	TMW-18	Total/NA	Water	3010A	
860-109972-5	TMW-06	Total/NA	Water	3010A	
860-109972-6	TMW-37	Total/NA	Water	3010A	
MB 860-258506/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258506/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258506/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Metals

Prep Batch: 258507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-4	TMW-18	Total/NA	Water	3010A	
860-109972-5	TMW-06	Total/NA	Water	3010A	
860-109972-6	TMW-37	Total/NA	Water	3010A	
MB 860-258507/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258507/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258507/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 258522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	7470A	
860-109972-4	TMW-18	Total/NA	Water	7470A	
860-109972-5	TMW-06	Total/NA	Water	7470A	
860-109972-6	TMW-37	Total/NA	Water	7470A	
MB 860-258522/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-258522/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-258522/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 258643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	7470A	258522
860-109972-4	TMW-18	Total/NA	Water	7470A	258522
860-109972-5	TMW-06	Total/NA	Water	7470A	258522
860-109972-6	TMW-37	Total/NA	Water	7470A	258522
MB 860-258522/10-A	Method Blank	Total/NA	Water	7470A	258522
LCS 860-258522/11-A	Lab Control Sample	Total/NA	Water	7470A	258522
LCSD 860-258522/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	258522

Analysis Batch: 258837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-4	TMW-18	Total/NA	Water	6010D	258507
860-109972-4	TMW-18	Total/NA	Water	6010D	258507
860-109972-5	TMW-06	Total/NA	Water	6010D	258507
860-109972-5	TMW-06	Total/NA	Water	6010D	258507
860-109972-6	TMW-37	Total/NA	Water	6010D	258507
860-109972-6	TMW-37	Total/NA	Water	6010D	258507
MB 860-258507/1-A	Method Blank	Total/NA	Water	6010D	258507
LCS 860-258507/2-A	Lab Control Sample	Total/NA	Water	6010D	258507
LCSD 860-258507/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258507

Analysis Batch: 259170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	6020B	258506
860-109972-4	TMW-18	Total/NA	Water	6020B	258506
860-109972-5	TMW-06	Total/NA	Water	6020B	258506
860-109972-6	TMW-37	Total/NA	Water	6020B	258506
MB 860-258506/1-A	Method Blank	Total/NA	Water	6020B	258506
LCS 860-258506/2-A	Lab Control Sample	Total/NA	Water	6020B	258506
LCSD 860-258506/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	258506

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Metals

Analysis Batch: 259252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	6020B	258506
860-109972-4	TMW-18	Total/NA	Water	6020B	258506
860-109972-5	TMW-06	Total/NA	Water	6020B	258506
860-109972-6	TMW-37	Total/NA	Water	6020B	258506
MB 860-258506/1-A	Method Blank	Total/NA	Water	6020B	258506
LCS 860-258506/2-A	Lab Control Sample	Total/NA	Water	6020B	258506
LCSD 860-258506/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	258506

General Chemistry

Analysis Batch: 258138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	SM 1030E	
860-109972-4	TMW-18	Total/NA	Water	SM 1030E	
860-109972-5	TMW-06	Total/NA	Water	SM 1030E	
860-109972-6	TMW-37	Total/NA	Water	SM 1030E	

Analysis Batch: 258316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	420.4	
860-109972-4	TMW-18	Total/NA	Water	420.4	
860-109972-5	TMW-06	Total/NA	Water	420.4	
860-109972-6	TMW-37	Total/NA	Water	420.4	
MB 860-258316/16	Method Blank	Total/NA	Water	420.4	
LCS 860-258316/17	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-258316/18	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 258446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	Kelada 01	
860-109972-4	TMW-18	Total/NA	Water	Kelada 01	
860-109972-5	TMW-06	Total/NA	Water	Kelada 01	
860-109972-6	TMW-37	Total/NA	Water	Kelada 01	
MB 860-258446/24	Method Blank	Total/NA	Water	Kelada 01	
MB 860-258446/65	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-258446/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCS 860-258446/66	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-258446/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LCSD 860-258446/67	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-258446/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 258470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	SM 2540C	
860-109972-4	TMW-18	Total/NA	Water	SM 2540C	
860-109972-5	TMW-06	Total/NA	Water	SM 2540C	
860-109972-6	TMW-37	Total/NA	Water	SM 2540C	
MB 860-258470/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258470/2	Lab Control Sample	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

General Chemistry

Analysis Batch: 258866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	SM 2320B	
860-109972-4	TMW-18	Total/NA	Water	SM 2320B	
860-109972-5	TMW-06	Total/NA	Water	SM 2320B	
860-109972-6	TMW-37	Total/NA	Water	SM 2320B	
MB 860-258866/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258866/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258866/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 258882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109972-1	TMW-30	Total/NA	Water	9040C	
860-109972-4	TMW-18	Total/NA	Water	9040C	
860-109972-5	TMW-06	Total/NA	Water	9040C	
860-109972-6	TMW-37	Total/NA	Water	9040C	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-30

Lab Sample ID: 860-109972-1

Date Collected: 08/25/25 08:30
Matrix: Water
Date Received: 08/26/25 11:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258340	08/28/25 11:27	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 10:26	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	259028	08/30/25 12:39	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259133	09/02/25 19:21	T1S	EET HOU
Total/NA	Prep	3511			39.9 mL	5 mL	258516	08/28/25 14:01	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259104	09/02/25 16:19	WP	EET HOU
Total/NA	Analysis	300.0		1			257736	08/26/25 16:11	WP	EET HOU
Total/NA	Analysis	300.0		1			257737	08/26/25 16:11	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			257737	08/26/25 16:21	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			258091	08/27/25 17:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			258091	08/27/25 17:30	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 23:22	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:43	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	258522	08/28/25 14:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			258643	08/28/25 21:07	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	258316	08/27/25 18:47	BW	EET HOU
Total/NA	Analysis	9040C		1			258882	08/29/25 13:38	CT	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258446	08/27/25 23:27	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258138	08/27/25 17:30	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258866	08/29/25 15:12	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: Dup-07-W

Lab Sample ID: 860-109972-2

Date Collected: 08/25/25 08:50
Matrix: Water
Date Received: 08/26/25 11:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258340	08/28/25 11:48	NA	EET HOU
Total/NA	Prep	8015NM Aq Prep			29.2 mL	3 mL	258795	08/29/25 13:33	IS	EET HOU
Total/NA	Analysis	8015B NM		1			258674	08/30/25 06:34	IS	EET HOU
Total/NA	Analysis	300.0		10			257737	08/26/25 16:41	WP	EET HOU

Client Sample ID: Dup-08-W

Lab Sample ID: 860-109972-3

Date Collected: 08/25/25 12:35
Matrix: Water
Date Received: 08/26/25 11:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258340	08/28/25 12:08	NA	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: Dup-08-W

Lab Sample ID: 860-109972-3

Date Collected: 08/25/25 12:35
Matrix: Water
Date Received: 08/26/25 11:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Aq Prep			30 mL	3 mL	258795	08/29/25 13:33	IS	EET HOU
Total/NA	Analysis	8015B NM		1			258674	08/30/25 06:49	IS	EET HOU
Total/NA	Analysis	300.0		10			257737	08/26/25 17:02	WP	EET HOU

Client Sample ID: TMW-18

Lab Sample ID: 860-109972-4

Date Collected: 08/25/25 14:40
Matrix: Water
Date Received: 08/26/25 11:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258340	08/28/25 12:29	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 10:47	NA	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	259028	08/30/25 12:39	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259133	09/02/25 19:51	T1S	EET HOU
Total/NA	Prep	3511			39.8 mL	5 mL	258516	08/28/25 14:01	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259104	09/02/25 16:30	WP	EET HOU
Total/NA	Analysis	300.0		1			257736	08/26/25 17:33	WP	EET HOU
Total/NA	Analysis	300.0		1			257737	08/26/25 17:33	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			257737	08/26/25 17:43	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 14:53	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		50			258837	08/29/25 14:59	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 23:25	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:47	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	258522	08/28/25 14:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			258643	08/28/25 21:11	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	258316	08/27/25 18:49	BW	EET HOU
Total/NA	Analysis	9040C		1			258882	08/29/25 13:46	CT	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258446	08/27/25 23:30	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258138	08/29/25 14:59	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258866	08/29/25 15:18	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: TMW-06

Lab Sample ID: 860-109972-5

Date Collected: 08/25/25 10:25
Matrix: Water
Date Received: 08/26/25 11:21

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258340	08/28/25 12:49	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 11:07	NA	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-06

Lab Sample ID: 860-109972-5

Date Collected: 08/25/25 10:25
Date Received: 08/26/25 11:21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			70 mL	4 mL	259028	08/30/25 12:39	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259133	09/02/25 20:21	T1S	EET HOU
Total/NA	Prep	3511			50.1 mL	5 mL	258871	08/30/25 12:58	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259712	09/04/25 13:31	WP	EET HOU
Total/NA	Analysis	300.0		1			257736	08/26/25 17:53	WP	EET HOU
Total/NA	Analysis	300.0		1			257737	08/26/25 17:53	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			257737	08/26/25 18:03	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 14:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		50			258837	08/29/25 15:00	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 23:28	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:50	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	258522	08/28/25 14:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			258643	08/28/25 21:14	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	258316	08/27/25 18:52	BW	EET HOU
Total/NA	Analysis	9040C		1			258882	08/29/25 13:44	CT	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258446	08/28/25 00:45	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258138	08/29/25 15:00	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258866	08/29/25 15:24	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: TMW-37

Lab Sample ID: 860-109972-6

Date Collected: 08/25/25 12:15
Date Received: 08/26/25 11:21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258340	08/28/25 13:10	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 11:28	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	259028	08/30/25 12:39	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259133	09/02/25 20:51	T1S	EET HOU
Total/NA	Prep	3511			49.8 mL	5 mL	258871	08/30/25 12:58	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259712	09/04/25 13:45	WP	EET HOU
Total/NA	Analysis	300.0		1			257736	08/26/25 18:13	WP	EET HOU
Total/NA	Analysis	300.0		1			257737	08/26/25 18:13	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			257737	08/26/25 18:24	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 14:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		50			258837	08/29/25 15:01	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Client Sample ID: TMW-37

Date Collected: 08/25/25 12:15
Date Received: 08/26/25 11:21

Lab Sample ID: 860-109972-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 23:33	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:53	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	258522	08/28/25 14:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			258643	08/28/25 21:18	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	258316	08/27/25 18:55	BW	EET HOU
Total/NA	Analysis	9040C		1			258882	08/29/25 13:41	CT	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258446	08/28/25 00:48	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258138	08/29/25 15:01	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			258866	08/29/25 15:30	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109972-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8015B NM	8015NM Aq Prep	Water	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Aq Prep	Water	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Aq Prep	Water	Oil Range Organics (Over C28-C36)
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
8015NM Aq Prep	Microextraction	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109972-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109972-1	TMW-30	Water	08/25/25 08:30	08/26/25 11:21	Texas
860-109972-2	Dup-07-W	Water	08/25/25 08:50	08/26/25 11:21	Texas
860-109972-3	Dup-08-W	Water	08/25/25 12:35	08/26/25 11:21	Texas
860-109972-4	TMW-18	Water	08/25/25 14:40	08/26/25 11:21	Texas
860-109972-5	TMW-06	Water	08/25/25 10:25	08/26/25 11:21	Texas
860-109972-6	TMW-37	Water	08/25/25 12:15	08/26/25 11:21	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806-300-0140	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-30	8-25-25	8 30	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
DUP-07-W	8-25-25	8 50	G	Water											X					20	BTEX/TPH/Chloride Analysis on Dup Sample
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-109972 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-25-25 16:00	Terracon			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Nuevo	8-26-25 850	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 12.1 / 11.9 How 366

Ver 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806-300-2912	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	S	N		
DUP-08-W	8-25-25	12 35	G	Water																20	→ Only Run
TMW-18	8-25-25	14 40	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	BTEX / TPH / Chloride
				Water																	Analysis on
				Water																	DUP sample
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-25-25 1610	Terracon			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			Nuevo	8-26-25 950	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 5 6/5 4 Non 368

Ver 05/06/2024

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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

9/8/2025

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806-300-0140	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 228	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-06	8-25-25	10 25	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-37	8-25-25	12 15	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-25-25 16:05	Terracon			
Relinquished by:	Date/Time:	Company	Received by: Nuevas	Date/Time: 8-26-25 950	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4 3/4 1

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109972-1

Login Number: 109972 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Water present in cooler; indicates evidence of melted ice.
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/9/2025 5:34:15 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109722-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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9/9/2025 5:34:15 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109722-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-1
Project/Site: EBDU 37

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-1
Project: EBDU 37

Job ID: 860-109722-1 Eurofins Houston

Job Narrative
860-109722-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/22/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 2.3°C, 2.6°C, 3.1°C, 3.2°C and 3.3°C.

Receipt Exceptions
The reference method requires samples to have a pH of less than 2. The following sample was received with a pH of 7: Dup-03 (860-109722-8). The sample was adjusted to the appropriate pH in the laboratory.

Affected container:
B-8

Multiple containers for the following samples were received empty because the lids came off in transit.We still have enough volume to run the requested analyses.:

Affected containers:
B-2
A-6

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

Method 8270E_QQQ: The large number of analytes included in the continuing calibration verification (CCV) gives a high probability that one or more analytes will be outside acceptance criteria. As indicated in the reference method, analysis may proceed as long as no more than 20% of the analytes of interest are outside the method-defined %D criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Surrogate recovery for the following sample was outside the upper control limit: Dup-04 (860-109722-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The surrogate recovery for the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) associated with preparation batch 860-257054 and 860-257056 and analytical batch 860-257383 was outside the upper control limits.

(LCS 860-257054/4-A), (LCS 860-257056/4-A), (LCSD 860-257054/5-A) and (LCSD 860-257056/5-A)

Method 8082A: The surrogate recovery for the blank associated with preparation batch 860-257054 and 860-257056 and analytical

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-1
Project: EBDU 37

Job ID: 860-109722-1 (Continued) Eurofins Houston

batch 860-257383 was outside the upper control limits.

(MB 860-257054/1-A) and (MB 860-257056/1-A)

Method 8082A: The continuing calibration verification (CCV) associated with batch 860-257383 recovered above the upper control limit for DCB Decachlorobiphenyl (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCVIS 860-257383/4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-31 (860-109722-1), Dup-04 (860-109722-2), TMW-45 (860-109722-3), Dup-02 (860-109722-4), TMW-15 (860-109722-5), TMW-13 (860-109722-6), TMW-33 (860-109722-7) and Dup-03 (860-109722-8). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-256933 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-256933 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-256934 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-31 Lab Sample ID: 860-109722-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.89		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.521		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	178		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	2950		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	870		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.588		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	123		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	565		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	52.2		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	68.5		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	8.06		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.03		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00205	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.226		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.295		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00226	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000470	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Lead	0.000435	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0238		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00128	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00338		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0166		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00724		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0337		0.00400	0.00274	mg/L	1		6020B	Total/NA
Mercury	0.0000720	J	0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	7.19	HF			SU	1		9040C	Total/NA
Temperature	20.3	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.19	HF			SU	1		9040C	Total/NA
Total Cations	78.3				meq/L	1		SM 1030E	Total/NA
Total Anions	92.3				meq/L	1		SM 1030E	Total/NA
Percent Difference	-8.19				%	1		SM 1030E	Total/NA
Alkalinity	147		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	147		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6460		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-04 Lab Sample ID: 860-109722-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.85		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.467	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	178		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	2970		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	830		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.528		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	123		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	545		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	52.2		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	67.2		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	7.98		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.12		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00194	J	0.00400	0.000690	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-04 (Continued) Lab Sample ID: 860-109722-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.215		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.274		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00231	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000492	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00103	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000474	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0234		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00115	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00231		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0159		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00710		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0306		0.00400	0.00274	mg/L	1		6020B	Total/NA
Mercury	0.0000740	J	0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	7.29	HF			SU	1		9040C	Total/NA
Temperature	20.4	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.29	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00522		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	75.5				meq/L	1		SM 1030E	Total/NA
Total Anions	92.8				meq/L	1		SM 1030E	Total/NA
Percent Difference	-10.3				%	1		SM 1030E	Total/NA
Alkalinity	147		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	147		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6740		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-45 Lab Sample ID: 860-109722-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	2.75		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.771		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	325		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1370		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	374		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	13.4		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	40.1		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	830		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	118		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	166		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	13.9		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	21.3		0.100	0.0275	mg/L	5		6020B	Total/NA
Antimony	0.000841	J	0.00200	0.000750	mg/L	1		6020B	Total/NA
Arsenic	0.00520		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.478		0.00400	0.00134	mg/L	1		6020B	Total/NA
Beryllium	0.00111	J	0.00200	0.000271	mg/L	1		6020B	Total/NA
Boron	0.925		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.0207		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00695		0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.0127		0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00946		0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.158		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00295		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.0197		0.00200	0.000528	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-45 (Continued) — Lab Sample ID: 860-109722-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0270		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00716		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0831		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.65	HF			SU	1		9040C	Total/NA
Temperature	21.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.65	HF			SU	1		9040C	Total/NA
Total Cations	58.4				meq/L	1		SM 1030E	Total/NA
Total Anions	54.9				meq/L	1		SM 1030E	Total/NA
Percent Difference	3.13				%	1		SM 1030E	Total/NA
Alkalinity	185		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	185		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	3720		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-02 — Lab Sample ID: 860-109722-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.86		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.803		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	321		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1500		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	302		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	6.00		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	36.2		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	910		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	109		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	110		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	10.9		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	8.83		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00370	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.203		0.00400	0.00134	mg/L	1		6020B	Total/NA
Beryllium	0.000541	J	0.00200	0.000271	mg/L	1		6020B	Total/NA
Boron	1.04		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.00937		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00303		0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00749		0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00430		0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0813		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00290		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00900		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0268		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00651		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0499		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.63	HF			SU	1		9040C	Total/NA
Temperature	20.7	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.63	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00374	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	57.9				meq/L	1		SM 1030E	Total/NA
Total Anions	56.9				meq/L	1		SM 1030E	Total/NA
Percent Difference	0.843				%	1		SM 1030E	Total/NA
Alkalinity	205		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	205		4.00	4.00	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-02 (Continued) — Lab Sample ID: 860-109722-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	3810		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-15 — Lab Sample ID: 860-109722-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00199	J	0.00500	0.00173	mg/L	1		8260D	Total/NA
Nitrate as N	2.19		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.669		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	171		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	2190		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	840		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.646		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	98.4		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	387		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	53.2		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	65.1		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	7.24		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.17		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00209	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.116		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.248		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00225	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000426	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Lead	0.000520	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0178		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00213		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00103	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0206		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00246		0.00100	0.000211	mg/L	1		6020B	Total/NA
pH	7.15	HF			SU	1		9040C	Total/NA
Temperature	21.1	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.15	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00294	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	67.0				meq/L	1		SM 1030E	Total/NA
Total Anions	69.4				meq/L	1		SM 1030E	Total/NA
Percent Difference	-1.70				%	1		SM 1030E	Total/NA
Alkalinity	83.5		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	83.5		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	4430		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-13 — Lab Sample ID: 860-109722-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	12.6		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	1.00		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	238		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1620		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	258		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	1.43		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	30.6		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	840		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	75.3		0.100	0.0370	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-13 (Continued) — Lab Sample ID: 860-109722-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
SiO2	69.1		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	6.27		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	2.59		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00364	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0559		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.815		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00362	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000732	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00152	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000911	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0399		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00295		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00195	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0233		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00301		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00990		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.35	HF			SU	1		9040C	Total/NA
Temperature	20.7	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.35	HF			SU	1		9040C	Total/NA
Total Cations	52.1				meq/L	1		SM 1030E	Total/NA
Total Anions	57.2				meq/L	1		SM 1030E	Total/NA
Percent Difference	-4.71				%	1		SM 1030E	Total/NA
Alkalinity	167		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	167		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	3480		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-33 — Lab Sample ID: 860-109722-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	1.32		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.978		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	283		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	2330		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	383		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	6.10		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	37.2		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	1530		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	103		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	115		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	11.2		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	10.8		0.100	0.0275	mg/L	5		6020B	Total/NA
Arsenic	0.00295	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0907		0.00400	0.00134	mg/L	1		6020B	Total/NA
Beryllium	0.000475	J	0.00200	0.000271	mg/L	1		6020B	Total/NA
Boron	1.32		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00940		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00243		0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00480		0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00330		0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.145		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00239		0.00200	0.000255	mg/L	1		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-33 (Continued) Lab Sample ID: 860-109722-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nickel	0.00613		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0175		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00365		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0174		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.39	HF			SU	1		9040C	Total/NA
Temperature	20.7	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.39	HF			SU	1		9040C	Total/NA
Total Cations	89.0				meq/L	1		SM 1030E	Total/NA
Total Anions	78.9				meq/L	1		SM 1030E	Total/NA
Percent Difference	6.03				%	1		SM 1030E	Total/NA
Alkalinity	165		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	165		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	5340		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-03 Lab Sample ID: 860-109722-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	4.36		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.928		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	288		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	2360		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	360		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	2.99		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	36.1		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	1440		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	102		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	79.8		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	9.49		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	5.99		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00286	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.113		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	1.21		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.00615		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00132	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00288	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00186	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0755		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00391		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00369		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0260		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00609		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00851		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.42	HF			SU	1		9040C	Total/NA
Temperature	20.7	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.42	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00783		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	83.8				meq/L	1		SM 1030E	Total/NA
Total Anions	78.7				meq/L	1		SM 1030E	Total/NA
Percent Difference	3.15				%	1		SM 1030E	Total/NA
Alkalinity	156		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	156		4.00	4.00	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-03 (Continued) — Lab Sample ID: 860-109722-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	4910		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-46 — Lab Sample ID: 860-109722-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	455		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.684		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.942		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	199		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	215		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	3.60		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	26.2		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	122		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	57.3		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	79.4		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	5.12		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	9.09		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00375	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0953		0.00400	0.00134	mg/L	1		6020B	Total/NA
Beryllium	0.000444	J	0.00200	0.000271	mg/L	1		6020B	Total/NA
Boron	0.199		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00777		0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.00224		0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00478		0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.00309		0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0813		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00412		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00571		0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0217		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00553		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.0123		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.86	HF			SU	1		9040C	Total/NA
Temperature	20.4	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.86	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00593		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	18.3				meq/L	1		SM 1030E	Total/NA
Total Anions	21.4				meq/L	1		SM 1030E	Total/NA
Percent Difference	-7.80				%	1		SM 1030E	Total/NA
Alkalinity	85.3		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	85.3		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1580		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-1 — Lab Sample ID: 860-109722-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	470		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.753		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.829	F1	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	197		0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	228		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	1.84		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	27.7		0.200	0.0445	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-1 (Continued) Lab Sample ID: 860-109722-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	144		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	68.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	62.5		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	5.09		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	2.75		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00265	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0744		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.217		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.00356	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000674	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00196	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000867	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0213		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00541		0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00192	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0232		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00595		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00520		0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	8.22	HF			SU	1		9040C	Total/NA
Temperature	20.8	HF			Degrees C	1		9040C	Total/NA
Corrosivity	8.22	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00248	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	20.0				meq/L	1		SM 1030E	Total/NA
Total Anions	21.3				meq/L	1		SM 1030E	Total/NA
Percent Difference	-3.20				%	1		SM 1030E	Total/NA
Alkalinity	90.7		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	90.7		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1740		20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-31

Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/26/25 08:33	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/26/25 08:33	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/26/25 08:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/26/25 08:33*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*08/26/25 08:33*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 10:26	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 10:26	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 10:26	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 10:26	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 10:26	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 10:26	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 10:26	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 10:26	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 10:26	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 10:26	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 10:26	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 10:26	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 10:26	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 10:26	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 10:26	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 10:26	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 10:26	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 10:26	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 10:26	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 10:26	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 10:26	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 10:26	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*08/26/25 10:26*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/26/25 10:26*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/26/25 10:26*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/25 10:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0963	U	0.573	0.0963	ug/L		08/25/25 13:55	08/26/25 18:33	1
1,2,4-Trichlorobenzene	<0.121	U	0.573	0.121	ug/L		08/25/25 13:55	08/26/25 18:33	1
2-Methylnaphthalene	<0.109	U	0.573	0.109	ug/L		08/25/25 13:55	08/26/25 18:33	1
Acenaphthene	<0.102	U	0.573	0.102	ug/L		08/25/25 13:55	08/26/25 18:33	1
1,2-Dichlorobenzene	<0.101	U	0.573	0.101	ug/L		08/25/25 13:55	08/26/25 18:33	1
Acenaphthylene	<0.125	U	0.573	0.125	ug/L		08/25/25 13:55	08/26/25 18:33	1
Anthracene	<0.104	U	0.573	0.104	ug/L		08/25/25 13:55	08/26/25 18:33	1
Benzo[a]anthracene	<0.127	U	0.287	0.127	ug/L		08/25/25 13:55	08/26/25 18:33	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-31

Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-1

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.108	U	0.287	0.108	ug/L		08/25/25 13:55	08/26/25 18:33	1
1,4-Dichlorobenzene	<0.110	U	0.573	0.110	ug/L		08/25/25 13:55	08/26/25 18:33	1
Benzo[b]fluoranthene	<0.125	U	0.573	0.125	ug/L		08/25/25 13:55	08/26/25 18:33	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/25/25 13:55	08/26/25 18:33	1
Benzo[g,h,i]perylene	<0.0906	U	0.573	0.0906	ug/L		08/25/25 13:55	08/26/25 18:33	1
Benzo[k]fluoranthene	<0.124	U	0.573	0.124	ug/L		08/25/25 13:55	08/26/25 18:33	1
Pentachlorophenol	<0.313	U	0.573	0.313	ug/L		08/25/25 13:55	08/26/25 18:33	1
Chrysene	<0.0968	U	0.573	0.0968	ug/L		08/25/25 13:55	08/26/25 18:33	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/25/25 13:55	08/26/25 18:33	1
Dibenz(a,h)anthracene	<0.0853	U	0.115	0.0853	ug/L		08/25/25 13:55	08/26/25 18:33	1
Fluoranthene	<0.120	U	0.573	0.120	ug/L		08/25/25 13:55	08/26/25 18:33	1
Fluorene	<0.113	U	0.573	0.113	ug/L		08/25/25 13:55	08/26/25 18:33	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.573	0.103	ug/L		08/25/25 13:55	08/26/25 18:33	1
Naphthalene	<0.115	U	0.573	0.115	ug/L		08/25/25 13:55	08/26/25 18:33	1
Phenanthrene	<0.107	U	0.573	0.107	ug/L		08/25/25 13:55	08/26/25 18:33	1
Pyrene	<0.129	U	0.573	0.129	ug/L		08/25/25 13:55	08/26/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*112*		*35 - 130*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
2-Fluorobiphenyl	*107*		*43 - 130*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
2-Fluorophenol (Surr)	*46*		*19 - 120*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
2-Fluorobiphenyl	*107*		*43 - 130*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
Nitrobenzene-d5 (Surr)	*128*		*37 - 133*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
Phenol-d5 (Surr)	*31*		*8 - 124*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
p-Terphenyl-d14 (Surr)	*104*		*47 - 130*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
Nitrobenzene-d5 (Surr)	*128*		*37 - 133*	*08/25/25 13:55*	*08/26/25 18:33*	*1*
p-Terphenyl-d14 (Surr)	*104*		*47 - 130*	*08/25/25 13:55*	*08/26/25 18:33*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000577	U	0.000314	0.0000577	mg/L		08/22/25 13:52	08/25/25 15:24	1
PCB-1221	<0.0000577	U	0.000628	0.0000577	mg/L		08/22/25 13:52	08/25/25 15:24	1
PCB-1232	<0.0000577	U	0.000628	0.0000577	mg/L		08/22/25 13:52	08/25/25 15:24	1
PCB-1242	<0.0000577	U	0.000314	0.0000577	mg/L		08/22/25 13:52	08/25/25 15:24	1
PCB-1248	<0.0000577	U	0.000628	0.0000577	mg/L		08/22/25 13:52	08/25/25 15:24	1
PCB-1254	<0.0000759	U	0.000628	0.0000759	mg/L		08/22/25 13:52	08/25/25 15:24	1
PCB-1260	<0.0000759	U	0.000314	0.0000759	mg/L		08/22/25 13:52	08/25/25 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*52 - 134*	*08/22/25 13:52*	*08/25/25 15:24*	*1*
DCB Decachlorobiphenyl (Surr)	*50*		*28 - 94*	*08/22/25 13:52*	*08/25/25 15:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.89**		0.100	0.0391	mg/L			08/22/25 15:42	1
Fluoride	**0.521**		0.500	0.100	mg/L			08/22/25 15:42	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 15:42	1
Sulfate	**178**		0.500	0.200	mg/L			08/22/25 15:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-31

Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2950**		5.00	2.50	mg/L			08/22/25 15:50	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**870**		10.0	5.08	mg/L		08/27/25 11:25	08/27/25 17:20	50
Iron	**0.588**		0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 17:13	1
Magnesium	**123**		0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 17:13	1
Sodium	**565**		25.0	7.59	mg/L		08/27/25 11:25	08/27/25 17:20	50
Sulfur	**52.2**		0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 17:13	1
SiO2	**68.5**		1.07	0.370	mg/L		08/27/25 11:25	08/27/25 17:13	1
Potassium	**8.06**		0.500	0.106	mg/L		08/27/25 11:25	08/27/25 17:13	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.03**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 22:51	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 22:51	1
Arsenic	**0.00205**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 22:51	1
Barium	**0.226**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 22:51	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 22:51	1
Boron	**0.295**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:15	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 22:51	1
Chromium	**0.00226**	**J**	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 22:51	1
Cobalt	**0.000470**	**J**	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 22:51	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 22:51	1
Lead	**0.000435**	**J**	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 22:51	1
Manganese	**0.0238**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 22:51	1
Molybdenum	**0.00128**	**J**	0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 22:51	1
Nickel	**0.00338**		0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 22:51	1
Selenium	**0.0166**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 22:51	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 22:51	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 22:51	1
Uranium	**0.00724**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 22:51	1
Zinc	**0.0337**		0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 22:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0000720**	**J**	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:31	1
pH (SW846 9040C)	**7.19**	**HF**			SU			08/28/25 16:22	1
Temperature (SW846 9040C)	**20.3**	**HF**			Degrees C			08/28/25 16:22	1
Corrosivity (SW846 9040C)	**7.19**	**HF**			SU			08/28/25 16:22	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 18:44	1
Total Cations (SM 1030E)	**78.3**				meq/L			08/27/25 17:20	1
Total Anions (SM 1030E)	**92.3**				meq/L			08/27/25 17:20	1
Percent Difference (SM 1030E)	**-8.19**				%			08/27/25 17:20	1
Alkalinity (SM 2320B)	**147**		4.00	4.00	mg/L			08/28/25 12:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**147**		4.00	4.00	mg/L			08/28/25 12:23	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-31

Lab Sample ID: 860-109722-1
Matrix: Water
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:23	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:23	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:23	1
Total Dissolved Solids (SM 2540C)	**6460**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: Dup-04

Lab Sample ID: 860-109722-2
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/26/25 08:53	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/26/25 08:53	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/26/25 08:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/26/25 08:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*08/26/25 08:53*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 10:46	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 10:46	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 10:46	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 10:46	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 10:46	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 10:46	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 10:46	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 10:46	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 10:46	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 10:46	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 10:46	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 10:46	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 10:46	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 10:46	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 10:46	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 10:46	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 10:46	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 10:46	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 10:46	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 10:46	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 10:46	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 10:46	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 10:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/26/25 10:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*08/26/25 10:46*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*08/26/25 10:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/25 10:46*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-04
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/25/25 13:55	08/26/25 19:01	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/25/25 13:55	08/26/25 19:01	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/25/25 13:55	08/26/25 19:01	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 19:01	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 19:01	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/25/25 13:55	08/26/25 19:01	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/25/25 13:55	08/26/25 19:01	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 19:01	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 19:01	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/25/25 13:55	08/26/25 19:01	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/25/25 13:55	08/26/25 19:01	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/25/25 13:55	08/26/25 19:01	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/25/25 13:55	08/26/25 19:01	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/25/25 13:55	08/26/25 19:01	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/25/25 13:55	08/26/25 19:01	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/25/25 13:55	08/26/25 19:01	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/25/25 13:55	08/26/25 19:01	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/25/25 13:55	08/26/25 19:01	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/25/25 13:55	08/26/25 19:01	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/25/25 13:55	08/26/25 19:01	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/25/25 13:55	08/26/25 19:01	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/25/25 13:55	08/26/25 19:01	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/25/25 13:55	08/26/25 19:01	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/25/25 13:55	08/26/25 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 130*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
2-Fluorobiphenyl	*92*		*43 - 130*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
2-Fluorophenol (Surr)	*34*		*19 - 120*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
2-Fluorobiphenyl	*92*		*43 - 130*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
Phenol-d5 (Surr)	*22*		*8 - 124*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
p-Terphenyl-d14 (Surr)	*94*		*47 - 130*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
Nitrobenzene-d5 (Surr)	*110*		*37 - 133*	*08/25/25 13:55*	*08/26/25 19:01*	*1*
p-Terphenyl-d14 (Surr)	*94*		*47 - 130*	*08/25/25 13:55*	*08/26/25 19:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:35	1
PCB-1221	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:35	1
PCB-1232	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:35	1
PCB-1242	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:35	1
PCB-1248	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:35	1
PCB-1254	<0.0000748	U	0.000619	0.0000748	mg/L		08/22/25 13:52	08/25/25 15:35	1
PCB-1260	<0.0000748	U	0.000309	0.0000748	mg/L		08/22/25 13:52	08/25/25 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*171*	*S1+*	*52 - 134*	*08/22/25 13:52*	*08/25/25 15:35*	*1*
DCB Decachlorobiphenyl (Surr)	*115*	*S1+*	*28 - 94*	*08/22/25 13:52*	*08/25/25 15:35*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-04
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-2
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.85		0.100	0.0391	mg/L			08/22/25 16:23	1
Fluoride	0.467	J	0.500	0.100	mg/L			08/22/25 16:23	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 16:23	1
Sulfate	178		0.500	0.200	mg/L			08/22/25 16:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2970		5.00	2.50	mg/L			08/22/25 16:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	830		10.0	5.08	mg/L		08/27/25 11:25	08/27/25 17:28	50
Iron	0.528		0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 17:25	1
Magnesium	123		0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 17:25	1
Sodium	545		25.0	7.59	mg/L		08/27/25 11:25	08/27/25 17:28	50
Sulfur	52.2		0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 17:25	1
SiO2	67.2		1.07	0.370	mg/L		08/27/25 11:25	08/27/25 17:25	1
Potassium	7.98		0.500	0.106	mg/L		08/27/25 11:25	08/27/25 17:25	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.12		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 22:54	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 22:54	1
Arsenic	0.00194	J	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 22:54	1
Barium	0.215		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 22:54	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 22:54	1
Boron	0.274		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:18	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 22:54	1
Chromium	0.00231	J	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 22:54	1
Cobalt	0.000492	J	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 22:54	1
Copper	0.00103	J	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 22:54	1
Lead	0.000474	J	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 22:54	1
Manganese	0.0234		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 22:54	1
Molybdenum	0.00115	J	0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 22:54	1
Nickel	0.00231		0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 22:54	1
Selenium	0.0159		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 22:54	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 22:54	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 22:54	1
Uranium	0.00710		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 22:54	1
Zinc	0.0306		0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 22:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000740	J	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:34	1
pH (SW846 9040C)	7.29	HF			SU			08/28/25 16:25	1
Temperature (SW846 9040C)	20.4	HF			Degrees C			08/28/25 16:25	1
Corrosivity (SW846 9040C)	7.29	HF			SU			08/28/25 16:25	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-04

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-2
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA Kelada 01)	**0.00522**		0.00500	0.00198	mg/L			08/26/25 20:02	1
Total Cations (SM 1030E)	**75.5**				meq/L			08/27/25 17:28	1
Total Anions (SM 1030E)	**92.8**				meq/L			08/27/25 17:28	1
Percent Difference (SM 1030E)	**-10.3**				%			08/27/25 17:28	1
Alkalinity (SM 2320B)	**147**		4.00	4.00	mg/L			08/28/25 12:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**147**		4.00	4.00	mg/L			08/28/25 12:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:29	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:29	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:29	1
Total Dissolved Solids (SM 2540C)	**6740**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: TMW-45

Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-3
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/26/25 09:14	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/26/25 09:14	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/26/25 09:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/26/25 09:14*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/26/25 09:14*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 11:07	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 11:07	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 11:07	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 11:07	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 11:07	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 11:07	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 11:07	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 11:07	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 11:07	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 11:07	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 11:07	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 11:07	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 11:07	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 11:07	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 11:07	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 11:07	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 11:07	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 11:07	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 11:07	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 11:07	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 11:07	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 11:07	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-45

Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 11:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/26/25 11:07*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*08/26/25 11:07*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*08/26/25 11:07*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/25 11:07*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 19:30	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 19:30	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 19:30	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 19:30	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 19:30	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 19:30	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 19:30	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 19:30	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 19:30	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 19:30	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 19:30	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 19:30	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 19:30	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 19:30	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 19:30	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 19:30	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 19:30	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 19:30	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 19:30	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 19:30	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 19:30	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 19:30	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 19:30	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*35 - 130*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
2-Fluorophenol (Surr)	*38*		*19 - 120*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
2-Fluorobiphenyl	*93*		*43 - 130*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
Phenol-d5 (Surr)	*24*		*8 - 124*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
p-Terphenyl-d14 (Surr)	*88*		*47 - 130*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
Nitrobenzene-d5 (Surr)	*106*		*37 - 133*	*08/25/25 13:55*	*08/26/25 19:30*	*1*
p-Terphenyl-d14 (Surr)	*88*		*47 - 130*	*08/25/25 13:55*	*08/26/25 19:30*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:46	1
PCB-1221	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:46	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-45

Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-3

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:46	1
PCB-1242	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:46	1
PCB-1248	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 15:46	1
PCB-1254	<0.0000748	U	0.000619	0.0000748	mg/L		08/22/25 13:52	08/25/25 15:46	1
PCB-1260	<0.0000748	U	0.000309	0.0000748	mg/L		08/22/25 13:52	08/25/25 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*52 - 134*	*08/22/25 13:52*	*08/25/25 15:46*	*1*
DCB Decachlorobiphenyl (Surr)	*41*		*28 - 94*	*08/22/25 13:52*	*08/25/25 15:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.75**		0.100	0.0391	mg/L			08/22/25 16:39	1
Fluoride	**0.771**		0.500	0.100	mg/L			08/22/25 16:39	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 16:39	1
Sulfate	**325**		0.500	0.200	mg/L			08/22/25 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1370**		5.00	2.50	mg/L			08/22/25 16:47	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**374**		10.0	5.08	mg/L		08/28/25 13:28	08/29/25 14:41	50
Iron	**13.4**		0.200	0.0283	mg/L		08/28/25 13:28	08/29/25 14:34	1
Magnesium	**40.1**		0.200	0.0445	mg/L		08/28/25 13:28	08/29/25 14:34	1
Sodium	**830**		25.0	7.59	mg/L		08/28/25 13:28	08/29/25 14:41	50
Sulfur	**118**		5.00	1.85	mg/L		08/28/25 13:28	08/29/25 14:41	50
SiO2	**166**		1.07	0.370	mg/L		08/28/25 13:28	08/29/25 14:34	1
Potassium	**13.9**		0.500	0.106	mg/L		08/28/25 13:28	08/29/25 14:34	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**21.3**		0.100	0.0275	mg/L		08/28/25 10:50	08/29/25 03:28	5
Antimony	**0.000841**	**J**	0.00200	0.000750	mg/L		08/28/25 10:50	08/29/25 03:25	1
Arsenic	**0.00520**		0.00400	0.000690	mg/L		08/28/25 10:50	08/29/25 03:25	1
Barium	**0.478**		0.00400	0.00134	mg/L		08/28/25 10:50	08/29/25 03:25	1
Beryllium	**0.00111**	**J**	0.00200	0.000271	mg/L		08/28/25 10:50	08/29/25 03:25	1
Boron	**0.925**		0.100	0.0401	mg/L		08/28/25 10:50	08/29/25 16:50	10
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 10:50	08/29/25 03:25	1
Chromium	**0.0207**		0.00400	0.000560	mg/L		08/28/25 10:50	08/29/25 03:25	1
Cobalt	**0.00695**		0.00200	0.000355	mg/L		08/28/25 10:50	08/29/25 03:25	1
Copper	**0.0127**		0.00400	0.00100	mg/L		08/28/25 10:50	08/29/25 03:25	1
Lead	**0.00946**		0.00200	0.000367	mg/L		08/28/25 10:50	08/29/25 03:25	1
Manganese	**0.158**		0.00200	0.000759	mg/L		08/28/25 10:50	08/29/25 03:25	1
Molybdenum	**0.00295**		0.00200	0.000255	mg/L		08/28/25 10:50	08/29/25 03:25	1
Nickel	**0.0197**		0.00200	0.000528	mg/L		08/28/25 10:50	08/29/25 03:25	1
Selenium	**0.0270**		0.00200	0.000590	mg/L		08/28/25 10:50	08/29/25 03:25	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 10:50	08/29/25 03:25	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 10:50	08/29/25 03:25	1
Uranium	**0.00716**		0.00100	0.000211	mg/L		08/28/25 10:50	08/29/25 03:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-45

Lab Sample ID: 860-109722-3
Matrix: Water
Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0831**		0.00400	0.00274	mg/L		08/28/25 10:50	08/29/25 03:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		09/02/25 07:28	09/02/25 21:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:37	1
pH (SW846 9040C)	**7.65**	**HF**			SU			08/28/25 16:30	1
Temperature (SW846 9040C)	**21.0**	**HF**			Degrees C			08/28/25 16:30	1
Corrosivity (SW846 9040C)	**7.65**	**HF**			SU			08/28/25 16:30	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 19:30	1
Total Cations (SM 1030E)	**58.4**				meq/L			08/29/25 14:41	1
Total Anions (SM 1030E)	**54.9**				meq/L			08/29/25 14:41	1
Percent Difference (SM 1030E)	**3.13**				%			08/29/25 14:41	1
Alkalinity (SM 2320B)	**185**		4.00	4.00	mg/L			08/28/25 12:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**185**		4.00	4.00	mg/L			08/28/25 12:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:35	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:35	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:35	1
Total Dissolved Solids (SM 2540C)	**3720**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: Dup-02

Lab Sample ID: 860-109722-4
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/26/25 09:34	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/26/25 09:34	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/26/25 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/26/25 09:34*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*08/26/25 09:34*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 11:27	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 11:27	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 11:27	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 11:27	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 11:27	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 11:27	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 11:27	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 11:27	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 11:27	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 11:27	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-02

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 11:27	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 11:27	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 11:27	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 11:27	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 11:27	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 11:27	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 11:27	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 11:27	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 11:27	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 11:27	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 11:27	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 11:27	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*08/26/25 11:27*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*08/26/25 11:27*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/26/25 11:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/25 11:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		08/25/25 13:55	08/26/25 19:58	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		08/25/25 13:55	08/26/25 19:58	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		08/25/25 13:55	08/26/25 19:58	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 19:58	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		08/25/25 13:55	08/26/25 19:58	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		08/25/25 13:55	08/26/25 19:58	1
Anthracene	<0.104	U	0.572	0.104	ug/L		08/25/25 13:55	08/26/25 19:58	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 19:58	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 19:58	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		08/25/25 13:55	08/26/25 19:58	1
Benzo[b]fluoranthene	<0.124	U	0.572	0.124	ug/L		08/25/25 13:55	08/26/25 19:58	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/25/25 13:55	08/26/25 19:58	1
Benzo[g,h,i]perylene	<0.0904	U	0.572	0.0904	ug/L		08/25/25 13:55	08/26/25 19:58	1
Benzo[k]fluoranthene	<0.123	U	0.572	0.123	ug/L		08/25/25 13:55	08/26/25 19:58	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		08/25/25 13:55	08/26/25 19:58	1
Chrysene	<0.0967	U	0.572	0.0967	ug/L		08/25/25 13:55	08/26/25 19:58	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/25/25 13:55	08/26/25 19:58	1
Dibenz(a,h)anthracene	<0.0852	U	0.114	0.0852	ug/L		08/25/25 13:55	08/26/25 19:58	1
Fluoranthene	<0.120	U	0.572	0.120	ug/L		08/25/25 13:55	08/26/25 19:58	1
Fluorene	<0.113	U	0.572	0.113	ug/L		08/25/25 13:55	08/26/25 19:58	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.572	0.103	ug/L		08/25/25 13:55	08/26/25 19:58	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		08/25/25 13:55	08/26/25 19:58	1
Phenanthrene	<0.107	U	0.572	0.107	ug/L		08/25/25 13:55	08/26/25 19:58	1
Pyrene	<0.129	U	0.572	0.129	ug/L		08/25/25 13:55	08/26/25 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*35 - 130*	*08/25/25 13:55*	*08/26/25 19:58*	*1*
2-Fluorobiphenyl	*98*		*43 - 130*	*08/25/25 13:55*	*08/26/25 19:58*	*1*

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-02
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	40		19 - 120	08/25/25 13:55	08/26/25 19:58	1
2-Fluorobiphenyl	98		43 - 130	08/25/25 13:55	08/26/25 19:58	1
Nitrobenzene-d5 (Surr)	123		37 - 133	08/25/25 13:55	08/26/25 19:58	1
Phenol-d5 (Surr)	26		8 - 124	08/25/25 13:55	08/26/25 19:58	1
p-Terphenyl-d14 (Surr)	97		47 - 130	08/25/25 13:55	08/26/25 19:58	1
Nitrobenzene-d5 (Surr)	123		37 - 133	08/25/25 13:55	08/26/25 19:58	1
p-Terphenyl-d14 (Surr)	97		47 - 130	08/25/25 13:55	08/26/25 19:58	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000580	U	0.000316	0.0000580	mg/L		08/22/25 13:52	08/25/25 15:58	1
PCB-1221	<0.0000580	U	0.000631	0.0000580	mg/L		08/22/25 13:52	08/25/25 15:58	1
PCB-1232	<0.0000580	U	0.000631	0.0000580	mg/L		08/22/25 13:52	08/25/25 15:58	1
PCB-1242	<0.0000580	U	0.000316	0.0000580	mg/L		08/22/25 13:52	08/25/25 15:58	1
PCB-1248	<0.0000580	U	0.000631	0.0000580	mg/L		08/22/25 13:52	08/25/25 15:58	1
PCB-1254	<0.0000763	U	0.000631	0.0000763	mg/L		08/22/25 13:52	08/25/25 15:58	1
PCB-1260	<0.0000763	U	0.000316	0.0000763	mg/L		08/22/25 13:52	08/25/25 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	105		52 - 134	08/22/25 13:52	08/25/25 15:58	1
DCB Decachlorobiphenyl (Surr)	48		28 - 94	08/22/25 13:52	08/25/25 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**1.86**		0.100	0.0391	mg/L			08/22/25 16:55	1
Fluoride	**0.803**		0.500	0.100	mg/L			08/22/25 16:55	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 16:55	1
Sulfate	**321**		0.500	0.200	mg/L			08/22/25 16:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		5.00	2.50	mg/L			08/22/25 17:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**302**		10.0	5.08	mg/L		08/27/25 11:21	08/27/25 17:57	50
Iron	**6.00**		0.200	0.0283	mg/L		08/27/25 11:21	08/27/25 17:51	1
Magnesium	**36.2**		0.200	0.0445	mg/L		08/27/25 11:21	08/27/25 17:51	1
Sodium	**910**		25.0	7.59	mg/L		08/27/25 11:21	08/27/25 17:57	50
Sulfur	**109**		5.00	1.85	mg/L		08/27/25 11:21	08/27/25 17:57	50
SiO2	**110**		1.07	0.370	mg/L		08/27/25 11:21	08/27/25 17:51	1
Potassium	**10.9**		0.500	0.106	mg/L		08/27/25 11:21	08/27/25 17:51	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8.83**		0.0200	0.00549	mg/L		08/28/25 10:50	08/29/25 03:19	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 10:50	08/29/25 03:19	1
Arsenic	**0.00370**	**J**	0.00400	0.000690	mg/L		08/28/25 10:50	08/29/25 03:19	1
Barium	**0.203**		0.00400	0.00134	mg/L		08/28/25 10:50	08/29/25 03:19	1
Beryllium	**0.000541**	**J**	0.00200	0.000271	mg/L		08/28/25 10:50	08/29/25 03:19	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-02

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.04**		0.100	0.0401	mg/L		08/28/25 10:50	08/29/25 16:48	10
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 10:50	08/29/25 03:19	1
Chromium	**0.00937**		0.00400	0.000560	mg/L		08/28/25 10:50	08/29/25 03:19	1
Cobalt	**0.00303**		0.00200	0.000355	mg/L		08/28/25 10:50	08/29/25 03:19	1
Copper	**0.00749**		0.00400	0.00100	mg/L		08/28/25 10:50	08/29/25 03:19	1
Lead	**0.00430**		0.00200	0.000367	mg/L		08/28/25 10:50	08/29/25 03:19	1
Manganese	**0.0813**		0.00200	0.000759	mg/L		08/28/25 10:50	08/29/25 03:19	1
Molybdenum	**0.00290**		0.00200	0.000255	mg/L		08/28/25 10:50	08/29/25 03:19	1
Nickel	**0.00900**		0.00200	0.000528	mg/L		08/28/25 10:50	08/29/25 03:19	1
Selenium	**0.0268**		0.00200	0.000590	mg/L		08/28/25 10:50	08/29/25 03:19	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 10:50	08/29/25 03:19	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 10:50	08/29/25 03:19	1
Uranium	**0.00651**		0.00100	0.000211	mg/L		08/28/25 10:50	08/29/25 03:19	1
Zinc	**0.0499**		0.00400	0.00274	mg/L		08/28/25 10:50	08/29/25 03:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:58	1
pH (SW846 9040C)	**7.63**	**HF**			SU			08/28/25 16:32	1
Temperature (SW846 9040C)	**20.7**	**HF**			Degrees C			08/28/25 16:32	1
Corrosivity (SW846 9040C)	**7.63**	**HF**			SU			08/28/25 16:32	1
Cyanide, Total (EPA Kelada 01)	**0.00374**	**J**	0.00500	0.00198	mg/L			09/04/25 16:48	1
Total Cations (SM 1030E)	**57.9**				meq/L			08/27/25 17:57	1
Total Anions (SM 1030E)	**56.9**				meq/L			08/27/25 17:57	1
Percent Difference (SM 1030E)	**0.843**				%			08/27/25 17:57	1
Alkalinity (SM 2320B)	**205**		4.00	4.00	mg/L			08/28/25 12:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**205**		4.00	4.00	mg/L			08/28/25 12:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:41	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:41	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:41	1
Total Dissolved Solids (SM 2540C)	**3810**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: TMW-15

Date Collected: 08/21/25 13:10
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-5
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/27/25 10:02	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/27/25 10:02	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/27/25 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/27/25 10:02*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/27/25 10:02*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-15

Date Collected: 08/21/25 13:10
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 11:48	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 11:48	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 11:48	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 11:48	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 11:48	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 11:48	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 11:48	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 11:48	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 11:48	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 11:48	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 11:48	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 11:48	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 11:48	1
Methylene Chloride	**0.00199**	**J**	0.00500	0.00173	mg/L			08/26/25 11:48	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 11:48	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 11:48	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 11:48	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 11:48	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 11:48	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 11:48	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 11:48	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 11:48	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*08/26/25 11:48*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*08/26/25 11:48*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 131*		*08/26/25 11:48*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/25 11:48*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0965	U	0.574	0.0965	ug/L		08/25/25 13:55	08/26/25 20:26	1
1,2,4-Trichlorobenzene	<0.121	U	0.574	0.121	ug/L		08/25/25 13:55	08/26/25 20:26	1
2-Methylnaphthalene	<0.109	U	0.574	0.109	ug/L		08/25/25 13:55	08/26/25 20:26	1
Acenaphthene	<0.102	U	0.574	0.102	ug/L		08/25/25 13:55	08/26/25 20:26	1
1,2-Dichlorobenzene	<0.101	U	0.574	0.101	ug/L		08/25/25 13:55	08/26/25 20:26	1
Acenaphthylene	<0.126	U	0.574	0.126	ug/L		08/25/25 13:55	08/26/25 20:26	1
Anthracene	<0.104	U	0.574	0.104	ug/L		08/25/25 13:55	08/26/25 20:26	1
Benzo[a]anthracene	<0.127	U	0.287	0.127	ug/L		08/25/25 13:55	08/26/25 20:26	1
Benzo[a]pyrene	<0.108	U	0.287	0.108	ug/L		08/25/25 13:55	08/26/25 20:26	1
1,4-Dichlorobenzene	<0.110	U	0.574	0.110	ug/L		08/25/25 13:55	08/26/25 20:26	1
Benzo[b]fluoranthene	<0.125	U	0.574	0.125	ug/L		08/25/25 13:55	08/26/25 20:26	1
Atrazine	<0.178	U	0.502	0.178	ug/L		08/25/25 13:55	08/26/25 20:26	1
Benzo[g,h,i]perylene	<0.0907	U	0.574	0.0907	ug/L		08/25/25 13:55	08/26/25 20:26	1
Benzo[k]fluoranthene	<0.124	U	0.574	0.124	ug/L		08/25/25 13:55	08/26/25 20:26	1
Pentachlorophenol	<0.313	U	0.574	0.313	ug/L		08/25/25 13:55	08/26/25 20:26	1
Chrysene	<0.0969	U	0.574	0.0969	ug/L		08/25/25 13:55	08/26/25 20:26	1
Styrene	<1.60	U	2.30	1.60	ug/L		08/25/25 13:55	08/26/25 20:26	1
Dibenz(a,h)anthracene	<0.0854	U	0.115	0.0854	ug/L		08/25/25 13:55	08/26/25 20:26	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-15

Date Collected: 08/21/25 13:10
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.120	U	0.574	0.120	ug/L		08/25/25 13:55	08/26/25 20:26	1
Fluorene	<0.113	U	0.574	0.113	ug/L		08/25/25 13:55	08/26/25 20:26	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.574	0.103	ug/L		08/25/25 13:55	08/26/25 20:26	1
Naphthalene	<0.115	U	0.574	0.115	ug/L		08/25/25 13:55	08/26/25 20:26	1
Phenanthrene	<0.107	U	0.574	0.107	ug/L		08/25/25 13:55	08/26/25 20:26	1
Pyrene	<0.130	U	0.574	0.130	ug/L		08/25/25 13:55	08/26/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*107*		*35 - 130*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
2-Fluorophenol (Surr)	*38*		*19 - 120*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
2-Fluorobiphenyl	*101*		*43 - 130*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
Phenol-d5 (Surr)	*23*		*8 - 124*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
p-Terphenyl-d14 (Surr)	*111*		*47 - 130*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*08/25/25 13:55*	*08/26/25 20:26*	*1*
p-Terphenyl-d14 (Surr)	*111*		*47 - 130*	*08/25/25 13:55*	*08/26/25 20:26*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 16:09	1
PCB-1221	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 16:09	1
PCB-1232	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 16:09	1
PCB-1242	<0.0000568	U	0.000309	0.0000568	mg/L		08/22/25 13:52	08/25/25 16:09	1
PCB-1248	<0.0000568	U	0.000619	0.0000568	mg/L		08/22/25 13:52	08/25/25 16:09	1
PCB-1254	<0.0000748	U	0.000619	0.0000748	mg/L		08/22/25 13:52	08/25/25 16:09	1
PCB-1260	<0.0000748	U	0.000309	0.0000748	mg/L		08/22/25 13:52	08/25/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*52 - 134*	*08/22/25 13:52*	*08/25/25 16:09*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*28 - 94*	*08/22/25 13:52*	*08/25/25 16:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**2.19**		0.100	0.0391	mg/L			08/22/25 17:11	1
Fluoride	**0.669**		0.500	0.100	mg/L			08/22/25 17:11	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 17:11	1
Sulfate	**171**		0.500	0.200	mg/L			08/22/25 17:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2190**		5.00	2.50	mg/L			08/22/25 17:19	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**840**		10.0	5.08	mg/L		08/27/25 11:25	08/27/25 17:17	50
Iron	**0.646**		0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 17:10	1
Magnesium	**98.4**		0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 17:10	1
Sodium	**387**		0.500	0.152	mg/L		08/27/25 11:25	08/27/25 17:10	1
Sulfur	**53.2**		0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 17:10	1
SiO2	**65.1**		1.07	0.370	mg/L		08/27/25 11:25	08/27/25 17:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-15

Date Collected: 08/21/25 13:10
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-5

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**7.24**		0.500	0.106	mg/L		08/27/25 11:25	08/27/25 17:10	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.17**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 22:57	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 22:57	1
Arsenic	**0.00209**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 22:57	1
Barium	**0.116**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 22:57	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 22:57	1
Boron	**0.248**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:21	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 22:57	1
Chromium	**0.00225**	**J**	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 22:57	1
Cobalt	**0.000426**	**J**	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 22:57	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 22:57	1
Lead	**0.000520**	**J**	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 22:57	1
Manganese	**0.0178**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 22:57	1
Molybdenum	**0.00213**		0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 22:57	1
Nickel	**0.00103**	**J**	0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 22:57	1
Selenium	**0.0206**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 22:57	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 22:57	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 22:57	1
Uranium	**0.00246**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 22:57	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 22:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 18:06	1
pH (SW846 9040C)	**7.15**	**HF**			SU			08/28/25 15:46	1
Temperature (SW846 9040C)	**21.1**	**HF**			Degrees C			08/28/25 15:46	1
Corrosivity (SW846 9040C)	**7.15**	**HF**			SU			08/28/25 15:46	1
Cyanide, Total (EPA Kelada 01)	**0.00294**	**J**	0.00500	0.00198	mg/L			08/26/25 18:47	1
Total Cations (SM 1030E)	**67.0**				meq/L			08/27/25 17:17	1
Total Anions (SM 1030E)	**69.4**				meq/L			08/27/25 17:17	1
Percent Difference (SM 1030E)	**-1.70**				%			08/27/25 17:17	1
Alkalinity (SM 2320B)	**83.5**		4.00	4.00	mg/L			08/28/25 12:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**83.5**		4.00	4.00	mg/L			08/28/25 12:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:47	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:47	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:47	1
Total Dissolved Solids (SM 2540C)	**4430**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-13

Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-6

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/27/25 10:23	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/27/25 10:23	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/27/25 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/27/25 10:23*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*08/27/25 10:23*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 12:08	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 12:08	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 12:08	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 12:08	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 12:08	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 12:08	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 12:08	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 12:08	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 12:08	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 12:08	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 12:08	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 12:08	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 12:08	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 12:08	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 12:08	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 12:08	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 12:08	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 12:08	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 12:08	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 12:08	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 12:08	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 12:08	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*08/26/25 12:08*	*1*
4-Bromofluorobenzene (Surr)	*99*		*74 - 124*		*08/26/25 12:08*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/26/25 12:08*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/26/25 12:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 20:54	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 20:54	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 20:54	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 20:54	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 20:54	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 20:54	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 20:54	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 20:54	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-13
Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 20:54	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 20:54	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 20:54	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 20:54	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 20:54	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 20:54	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 20:54	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 20:54	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 20:54	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 20:54	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 20:54	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 20:54	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 20:54	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 20:54	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 20:54	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*35 - 130*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
2-Fluorobiphenyl	*102*		*43 - 130*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
2-Fluorophenol (Surr)	*41*		*19 - 120*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
2-Fluorobiphenyl	*102*		*43 - 130*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
Phenol-d5 (Surr)	*24*		*8 - 124*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
p-Terphenyl-d14 (Surr)	*107*		*47 - 130*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
Nitrobenzene-d5 (Surr)	*115*		*37 - 133*	*08/25/25 13:55*	*08/26/25 20:54*	*1*
p-Terphenyl-d14 (Surr)	*107*		*47 - 130*	*08/25/25 13:55*	*08/26/25 20:54*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000570	U	0.000310	0.0000570	mg/L		08/22/25 13:52	08/25/25 16:21	1
PCB-1221	<0.0000570	U	0.000620	0.0000570	mg/L		08/22/25 13:52	08/25/25 16:21	1
PCB-1232	<0.0000570	U	0.000620	0.0000570	mg/L		08/22/25 13:52	08/25/25 16:21	1
PCB-1242	<0.0000570	U	0.000310	0.0000570	mg/L		08/22/25 13:52	08/25/25 16:21	1
PCB-1248	<0.0000570	U	0.000620	0.0000570	mg/L		08/22/25 13:52	08/25/25 16:21	1
PCB-1254	<0.0000750	U	0.000620	0.0000750	mg/L		08/22/25 13:52	08/25/25 16:21	1
PCB-1260	<0.0000750	U	0.000310	0.0000750	mg/L		08/22/25 13:52	08/25/25 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*114*		*52 - 134*	*08/22/25 13:52*	*08/25/25 16:21*	*1*
DCB Decachlorobiphenyl (Surr)	*50*		*28 - 94*	*08/22/25 13:52*	*08/25/25 16:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**12.6**		0.100	0.0391	mg/L			08/22/25 17:27	1
Fluoride	**1.00**		0.500	0.100	mg/L			08/22/25 17:27	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 17:27	1
Sulfate	**238**		0.500	0.200	mg/L			08/22/25 17:27	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-13

Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-6

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1620**		5.00	2.50	mg/L			08/22/25 17:35	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**258**		10.0	5.08	mg/L		08/27/25 11:25	08/27/25 17:15	50
Iron	**1.43**		0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 17:09	1
Magnesium	**30.6**		0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 17:09	1
Sodium	**840**		25.0	7.59	mg/L		08/27/25 11:25	08/27/25 17:15	50
Sulfur	**75.3**		0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 17:09	1
SiO2	**69.1**		1.07	0.370	mg/L		08/27/25 11:25	08/27/25 17:09	1
Potassium	**6.27**		0.500	0.106	mg/L		08/27/25 11:25	08/27/25 17:09	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.59**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 23:00	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 23:00	1
Arsenic	**0.00364**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 23:00	1
Barium	**0.0559**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 23:00	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 23:00	1
Boron	**0.815**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:24	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 23:00	1
Chromium	**0.00362**	**J**	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 23:00	1
Cobalt	**0.000732**	**J**	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 23:00	1
Copper	**0.00152**	**J**	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 23:00	1
Lead	**0.000911**	**J**	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 23:00	1
Manganese	**0.0399**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 23:00	1
Molybdenum	**0.00295**		0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 23:00	1
Nickel	**0.00195**	**J**	0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 23:00	1
Selenium	**0.0233**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 23:00	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 23:00	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 23:00	1
Uranium	**0.00301**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 23:00	1
Zinc	**0.00990**		0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 23:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 18:14	1
pH (SW846 9040C)	**7.35**	**HF**			SU			08/28/25 15:41	1
Temperature (SW846 9040C)	**20.7**	**HF**			Degrees C			08/28/25 15:41	1
Corrosivity (SW846 9040C)	**7.35**	**HF**			SU			08/28/25 15:41	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 18:50	1
Total Cations (SM 1030E)	**52.1**				meq/L			08/27/25 17:15	1
Total Anions (SM 1030E)	**57.2**				meq/L			08/27/25 17:15	1
Percent Difference (SM 1030E)	**-4.71**				%			08/27/25 17:15	1
Alkalinity (SM 2320B)	**167**		4.00	4.00	mg/L			08/28/25 12:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**167**		4.00	4.00	mg/L			08/28/25 12:53	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-13

Lab Sample ID: 860-109722-6
Matrix: Water
Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:53	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:53	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:53	1
Total Dissolved Solids (SM 2540C)	**3480**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: TMW-33

Lab Sample ID: 860-109722-7
Matrix: Water
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/27/25 10:43	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/27/25 10:43	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/27/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/27/25 10:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*08/27/25 10:43*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 12:29	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 12:29	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 12:29	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 12:29	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 12:29	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 12:29	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 12:29	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 12:29	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 12:29	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 12:29	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 12:29	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 12:29	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 12:29	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 12:29	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 12:29	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 12:29	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 12:29	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 12:29	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 12:29	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 12:29	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 12:29	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 12:29	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*08/26/25 12:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/26/25 12:29*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 131*		*08/26/25 12:29*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/26/25 12:29*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-33

Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-7

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:59	08/27/25 15:54	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:59	08/27/25 15:54	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:59	08/27/25 15:54	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 15:54	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 15:54	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:59	08/27/25 15:54	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:59	08/27/25 15:54	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:59	08/27/25 15:54	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:59	08/27/25 15:54	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:59	08/27/25 15:54	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:59	08/27/25 15:54	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:59	08/27/25 15:54	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:59	08/27/25 15:54	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:59	08/27/25 15:54	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:59	08/27/25 15:54	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:59	08/27/25 15:54	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:59	08/27/25 15:54	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:59	08/27/25 15:54	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:59	08/27/25 15:54	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:59	08/27/25 15:54	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:59	08/27/25 15:54	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:59	08/27/25 15:54	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:59	08/27/25 15:54	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:59	08/27/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*116*		*35 - 130*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
2-Fluorobiphenyl	*103*		*43 - 130*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
2-Fluorophenol (Surr)	*43*		*19 - 120*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
2-Fluorobiphenyl	*103*		*43 - 130*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
Nitrobenzene-d5 (Surr)	*121*		*37 - 133*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
Phenol-d5 (Surr)	*24*		*8 - 124*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
p-Terphenyl-d14 (Surr)	*116*		*47 - 130*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
Nitrobenzene-d5 (Surr)	*121*		*37 - 133*	*08/25/25 13:59*	*08/27/25 15:54*	*1*
p-Terphenyl-d14 (Surr)	*116*		*47 - 130*	*08/25/25 13:59*	*08/27/25 15:54*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:52	08/25/25 16:33	1
PCB-1221	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:52	08/25/25 16:33	1
PCB-1232	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:52	08/25/25 16:33	1
PCB-1242	<0.0000566	U	0.000308	0.0000566	mg/L		08/22/25 13:52	08/25/25 16:33	1
PCB-1248	<0.0000566	U	0.000616	0.0000566	mg/L		08/22/25 13:52	08/25/25 16:33	1
PCB-1254	<0.0000744	U	0.000616	0.0000744	mg/L		08/22/25 13:52	08/25/25 16:33	1
PCB-1260	<0.0000744	U	0.000308	0.0000744	mg/L		08/22/25 13:52	08/25/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*52 - 134*	*08/22/25 13:52*	*08/25/25 16:33*	*1*
DCB Decachlorobiphenyl (Surr)	*31*		*28 - 94*	*08/22/25 13:52*	*08/25/25 16:33*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-33
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-7
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	1.32		0.100	0.0391	mg/L			08/22/25 18:32	1
Fluoride	0.978		0.500	0.100	mg/L			08/22/25 18:32	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 18:32	1
Sulfate	283		0.500	0.200	mg/L			08/22/25 18:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2330		5.00	2.50	mg/L			08/22/25 18:40	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	383		10.0	5.08	mg/L		08/27/25 11:21	08/27/25 17:54	50
Iron	6.10		0.200	0.0283	mg/L		08/27/25 11:21	08/27/25 17:48	1
Magnesium	37.2		0.200	0.0445	mg/L		08/27/25 11:21	08/27/25 17:48	1
Sodium	1530		25.0	7.59	mg/L		08/27/25 11:21	08/27/25 17:54	50
Sulfur	103		5.00	1.85	mg/L		08/27/25 11:21	08/27/25 17:54	50
SiO2	115		1.07	0.370	mg/L		08/27/25 11:21	08/27/25 17:48	1
Potassium	11.2		0.500	0.106	mg/L		08/27/25 11:21	08/27/25 17:48	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10.8		0.100	0.0275	mg/L		08/26/25 12:59	08/28/25 05:54	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/26/25 12:59	08/28/25 05:50	1
Arsenic	0.00295	J	0.00400	0.000690	mg/L		08/26/25 12:59	08/28/25 05:50	1
Barium	0.0907		0.00400	0.00134	mg/L		08/26/25 12:59	08/28/25 05:50	1
Beryllium	0.000475	J	0.00200	0.000271	mg/L		08/26/25 12:59	08/28/25 05:50	1
Boron	1.32		0.0500	0.0200	mg/L		08/26/25 12:59	08/28/25 16:11	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/26/25 12:59	08/28/25 05:50	1
Chromium	0.00940		0.00400	0.000560	mg/L		08/26/25 12:59	08/28/25 05:50	1
Cobalt	0.00243		0.00200	0.000355	mg/L		08/26/25 12:59	08/28/25 05:50	1
Copper	0.00480		0.00400	0.00100	mg/L		08/26/25 12:59	08/28/25 05:50	1
Lead	0.00330		0.00200	0.000367	mg/L		08/26/25 12:59	08/28/25 05:50	1
Manganese	0.145		0.00200	0.000759	mg/L		08/26/25 12:59	08/28/25 05:50	1
Molybdenum	0.00239		0.00200	0.000255	mg/L		08/26/25 12:59	08/28/25 05:50	1
Nickel	0.00613		0.00200	0.000528	mg/L		08/26/25 12:59	08/28/25 05:50	1
Selenium	0.0175		0.00200	0.000590	mg/L		08/26/25 12:59	08/28/25 05:50	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/26/25 12:59	08/28/25 05:50	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/26/25 12:59	08/28/25 05:50	1
Uranium	0.00365		0.00100	0.000211	mg/L		08/26/25 12:59	08/28/25 05:50	1
Zinc	0.0174		0.00400	0.00274	mg/L		08/26/25 12:59	08/28/25 05:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 18:27	1
pH (SW846 9040C)	7.39	HF			SU			08/28/25 15:38	1
Temperature (SW846 9040C)	20.7	HF			Degrees C			08/28/25 15:38	1
Corrosivity (SW846 9040C)	7.39	HF			SU			08/28/25 15:38	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-33

Lab Sample ID: 860-109722-7
Matrix: Water
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 18:53	1
Total Cations (SM 1030E)	**89.0**				meq/L			08/27/25 17:54	1
Total Anions (SM 1030E)	**78.9**				meq/L			08/27/25 17:54	1
Percent Difference (SM 1030E)	**6.03**				%			08/27/25 17:54	1
Alkalinity (SM 2320B)	**165**		4.00	4.00	mg/L			08/28/25 12:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**165**		4.00	4.00	mg/L			08/28/25 12:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:59	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:59	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 12:59	1
Total Dissolved Solids (SM 2540C)	**5340**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: Dup-03

Lab Sample ID: 860-109722-8
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/27/25 11:04	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/27/25 11:04	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/27/25 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/27/25 11:04*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*08/27/25 11:04*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 12:49	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 12:49	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 12:49	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 12:49	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 12:49	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 12:49	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 12:49	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 12:49	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 12:49	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 12:49	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 12:49	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 12:49	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 12:49	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 12:49	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 12:49	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 12:49	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 12:49	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 12:49	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 12:49	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 12:49	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 12:49	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 12:49	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-03
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/26/25 12:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*74 - 124*		*08/26/25 12:49*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*08/26/25 12:49*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/26/25 12:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0963	U	0.573	0.0963	ug/L		08/25/25 13:59	08/27/25 16:22	1
1,2,4-Trichlorobenzene	<0.121	U	0.573	0.121	ug/L		08/25/25 13:59	08/27/25 16:22	1
2-Methylnaphthalene	<0.109	U	0.573	0.109	ug/L		08/25/25 13:59	08/27/25 16:22	1
Acenaphthene	<0.102	U	0.573	0.102	ug/L		08/25/25 13:59	08/27/25 16:22	1
1,2-Dichlorobenzene	<0.101	U	0.573	0.101	ug/L		08/25/25 13:59	08/27/25 16:22	1
Acenaphthylene	<0.125	U	0.573	0.125	ug/L		08/25/25 13:59	08/27/25 16:22	1
Anthracene	<0.104	U	0.573	0.104	ug/L		08/25/25 13:59	08/27/25 16:22	1
Benzo[a]anthracene	<0.127	U	0.287	0.127	ug/L		08/25/25 13:59	08/27/25 16:22	1
Benzo[a]pyrene	<0.108	U	0.287	0.108	ug/L		08/25/25 13:59	08/27/25 16:22	1
1,4-Dichlorobenzene	<0.110	U	0.573	0.110	ug/L		08/25/25 13:59	08/27/25 16:22	1
Benzo[b]fluoranthene	<0.125	U	0.573	0.125	ug/L		08/25/25 13:59	08/27/25 16:22	1
Atrazine	<0.177	U	0.501	0.177	ug/L		08/25/25 13:59	08/27/25 16:22	1
Benzo[g,h,i]perylene	<0.0906	U	0.573	0.0906	ug/L		08/25/25 13:59	08/27/25 16:22	1
Benzo[k]fluoranthene	<0.124	U	0.573	0.124	ug/L		08/25/25 13:59	08/27/25 16:22	1
Pentachlorophenol	<0.313	U	0.573	0.313	ug/L		08/25/25 13:59	08/27/25 16:22	1
Chrysene	<0.0968	U	0.573	0.0968	ug/L		08/25/25 13:59	08/27/25 16:22	1
Styrene	<1.60	U	2.29	1.60	ug/L		08/25/25 13:59	08/27/25 16:22	1
Dibenz(a,h)anthracene	<0.0853	U	0.115	0.0853	ug/L		08/25/25 13:59	08/27/25 16:22	1
Fluoranthene	<0.120	U	0.573	0.120	ug/L		08/25/25 13:59	08/27/25 16:22	1
Fluorene	<0.113	U	0.573	0.113	ug/L		08/25/25 13:59	08/27/25 16:22	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.573	0.103	ug/L		08/25/25 13:59	08/27/25 16:22	1
Naphthalene	<0.115	U	0.573	0.115	ug/L		08/25/25 13:59	08/27/25 16:22	1
Phenanthrene	<0.107	U	0.573	0.107	ug/L		08/25/25 13:59	08/27/25 16:22	1
Pyrene	<0.129	U	0.573	0.129	ug/L		08/25/25 13:59	08/27/25 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*35 - 130*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
2-Fluorophenol (Surr)	*35*		*19 - 120*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
Phenol-d5 (Surr)	*26*		*8 - 124*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
p-Terphenyl-d14 (Surr)	*98*		*47 - 130*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
Nitrobenzene-d5 (Surr)	*117*		*37 - 133*	*08/25/25 13:59*	*08/27/25 16:22*	*1*
p-Terphenyl-d14 (Surr)	*98*		*47 - 130*	*08/25/25 13:59*	*08/27/25 16:22*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000580	U	0.000316	0.0000580	mg/L		08/22/25 13:52	08/25/25 16:44	1
PCB-1221	<0.0000580	U	0.000631	0.0000580	mg/L		08/22/25 13:52	08/25/25 16:44	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-03
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-8
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1232	<0.0000580	U	0.000631	0.0000580	mg/L		08/22/25 13:52	08/25/25 16:44	1
PCB-1242	<0.0000580	U	0.000316	0.0000580	mg/L		08/22/25 13:52	08/25/25 16:44	1
PCB-1248	<0.0000580	U	0.000631	0.0000580	mg/L		08/22/25 13:52	08/25/25 16:44	1
PCB-1254	<0.0000763	U	0.000631	0.0000763	mg/L		08/22/25 13:52	08/25/25 16:44	1
PCB-1260	<0.0000763	U	0.000316	0.0000763	mg/L		08/22/25 13:52	08/25/25 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*52 - 134*	*08/22/25 13:52*	*08/25/25 16:44*	*1*
DCB Decachlorobiphenyl (Surr)	*28*		*28 - 94*	*08/22/25 13:52*	*08/25/25 16:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**4.36**		0.100	0.0391	mg/L			08/22/25 19:32	1
Fluoride	**0.928**		0.500	0.100	mg/L			08/22/25 19:32	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 19:32	1
Sulfate	**288**		0.500	0.200	mg/L			08/22/25 19:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2360**		5.00	2.50	mg/L			08/22/25 19:40	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**360**		10.0	5.08	mg/L		08/27/25 11:23	08/27/25 17:58	50
Iron	**2.99**		0.200	0.0283	mg/L		08/27/25 11:23	08/27/25 17:52	1
Magnesium	**36.1**		0.200	0.0445	mg/L		08/27/25 11:23	08/27/25 17:52	1
Sodium	**1440**		25.0	7.59	mg/L		08/27/25 11:23	08/27/25 17:58	50
Sulfur	**102**		5.00	1.85	mg/L		08/27/25 11:23	08/27/25 17:58	50
SiO2	**79.8**		1.07	0.370	mg/L		08/27/25 11:23	08/27/25 17:52	1
Potassium	**9.49**		0.500	0.106	mg/L		08/27/25 11:23	08/27/25 17:52	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5.99**		0.0200	0.00549	mg/L		08/28/25 10:50	08/29/25 03:31	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 10:50	08/29/25 03:31	1
Arsenic	**0.00286**	**J**	0.00400	0.000690	mg/L		08/28/25 10:50	08/29/25 03:31	1
Barium	**0.113**		0.00400	0.00134	mg/L		08/28/25 10:50	08/29/25 03:31	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 10:50	08/29/25 03:31	1
Boron	**1.21**		0.100	0.0401	mg/L		08/28/25 10:50	08/29/25 16:54	10
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 10:50	08/29/25 03:31	1
Chromium	**0.00615**		0.00400	0.000560	mg/L		08/28/25 10:50	08/29/25 03:31	1
Cobalt	**0.00132**	**J**	0.00200	0.000355	mg/L		08/28/25 10:50	08/29/25 03:31	1
Copper	**0.00288**	**J**	0.00400	0.00100	mg/L		08/28/25 10:50	08/29/25 03:31	1
Lead	**0.00186**	**J**	0.00200	0.000367	mg/L		08/28/25 10:50	08/29/25 03:31	1
Manganese	**0.0755**		0.00200	0.000759	mg/L		08/28/25 10:50	08/29/25 03:31	1
Molybdenum	**0.00391**		0.00200	0.000255	mg/L		08/28/25 10:50	08/29/25 03:31	1
Nickel	**0.00369**		0.00200	0.000528	mg/L		08/28/25 10:50	08/29/25 03:31	1
Selenium	**0.0260**		0.00200	0.000590	mg/L		08/28/25 10:50	08/29/25 03:31	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 10:50	08/29/25 03:31	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 10:50	08/29/25 03:31	1
Uranium	**0.00609**		0.00100	0.000211	mg/L		08/28/25 10:50	08/29/25 03:31	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-03

Lab Sample ID: 860-109722-8
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.00851**		0.00400	0.00274	mg/L		08/28/25 10:50	08/29/25 03:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 18:30	1
pH (SW846 9040C)	**7.42**	**HF**			SU			08/28/25 16:18	1
Temperature (SW846 9040C)	**20.7**	**HF**			Degrees C			08/28/25 16:18	1
Corrosivity (SW846 9040C)	**7.42**	**HF**			SU			08/28/25 16:18	1
Cyanide, Total (EPA Kelada 01)	**0.00783**		0.00500	0.00198	mg/L			08/26/25 18:05	1
Total Cations (SM 1030E)	**83.8**				meq/L			08/27/25 17:58	1
Total Anions (SM 1030E)	**78.7**				meq/L			08/27/25 17:58	1
Percent Difference (SM 1030E)	**3.15**				%			08/27/25 17:58	1
Alkalinity (SM 2320B)	**156**		4.00	4.00	mg/L			08/28/25 13:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**156**		4.00	4.00	mg/L			08/28/25 13:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 13:09	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 13:09	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 13:09	1
Total Dissolved Solids (SM 2540C)	**4910**		40.0	40.0	mg/L			08/28/25 11:47	1

Client Sample ID: TMW-46

Lab Sample ID: 860-109722-9
Matrix: Water
Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/27/25 11:24	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/27/25 11:24	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/27/25 11:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*70 - 130*		*08/27/25 11:24*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*08/27/25 11:24*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 13:10	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 13:10	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 13:10	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 13:10	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 13:10	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 13:10	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 13:10	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 13:10	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 13:10	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 13:10	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-46

Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-9

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 13:10	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 13:10	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 13:10	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 13:10	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 13:10	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 13:10	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 13:10	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 13:10	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 13:10	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 13:10	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 13:10	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 13:10	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*08/26/25 13:10*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*08/26/25 13:10*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/26/25 13:10*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/26/25 13:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:59	08/27/25 17:03	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:59	08/27/25 17:03	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:59	08/27/25 17:03	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 17:03	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 17:03	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:59	08/27/25 17:03	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:59	08/27/25 17:03	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:59	08/27/25 17:03	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:59	08/27/25 17:03	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:59	08/27/25 17:03	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:59	08/27/25 17:03	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:59	08/27/25 17:03	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:59	08/27/25 17:03	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:59	08/27/25 17:03	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:59	08/27/25 17:03	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:59	08/27/25 17:03	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:59	08/27/25 17:03	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:59	08/27/25 17:03	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:59	08/27/25 17:03	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:59	08/27/25 17:03	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:59	08/27/25 17:03	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:59	08/27/25 17:03	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:59	08/27/25 17:03	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:59	08/27/25 17:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*35 - 130*	*08/25/25 13:59*	*08/27/25 17:03*	*1*
2-Fluorobiphenyl	*83*		*43 - 130*	*08/25/25 13:59*	*08/27/25 17:03*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-46

Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-9

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	37		19 - 120	08/25/25 13:59	08/27/25 17:03	1
2-Fluorobiphenyl	83		43 - 130	08/25/25 13:59	08/27/25 17:03	1
Nitrobenzene-d5 (Surr)	117		37 - 133	08/25/25 13:59	08/27/25 17:03	1
Phenol-d5 (Surr)	28		8 - 124	08/25/25 13:59	08/27/25 17:03	1
p-Terphenyl-d14 (Surr)	79		47 - 130	08/25/25 13:59	08/27/25 17:03	1
Nitrobenzene-d5 (Surr)	117		37 - 133	08/25/25 13:59	08/27/25 17:03	1
p-Terphenyl-d14 (Surr)	79		47 - 130	08/25/25 13:59	08/27/25 17:03	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000578	U	0.000315	0.0000578	mg/L		08/22/25 13:52	08/25/25 16:56	1
PCB-1221	<0.0000578	U	0.000630	0.0000578	mg/L		08/22/25 13:52	08/25/25 16:56	1
PCB-1232	<0.0000578	U	0.000630	0.0000578	mg/L		08/22/25 13:52	08/25/25 16:56	1
PCB-1242	<0.0000578	U	0.000315	0.0000578	mg/L		08/22/25 13:52	08/25/25 16:56	1
PCB-1248	<0.0000578	U	0.000630	0.0000578	mg/L		08/22/25 13:52	08/25/25 16:56	1
PCB-1254	<0.0000761	U	0.000630	0.0000761	mg/L		08/22/25 13:52	08/25/25 16:56	1
PCB-1260	<0.0000761	U	0.000315	0.0000761	mg/L		08/22/25 13:52	08/25/25 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		52 - 134	08/22/25 13:52	08/25/25 16:56	1
DCB Decachlorobiphenyl (Surr)	29		28 - 94	08/22/25 13:52	08/25/25 16:56	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**455**		0.500	0.250	mg/L			08/22/25 19:48	1
Nitrate as N	**0.684**		0.100	0.0391	mg/L			08/22/25 19:48	1
Fluoride	**0.942**		0.500	0.100	mg/L			08/22/25 19:48	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 19:48	1
Sulfate	**199**		0.500	0.200	mg/L			08/22/25 19:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**215**		10.0	5.08	mg/L		08/27/25 11:25	08/27/25 17:18	50
Iron	**3.60**		0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 17:12	1
Magnesium	**26.2**		0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 17:12	1
Sodium	**122**		0.500	0.152	mg/L		08/27/25 11:25	08/27/25 17:12	1
Sulfur	**57.3**		0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 17:12	1
SiO2	**79.4**		1.07	0.370	mg/L		08/27/25 11:25	08/27/25 17:12	1
Potassium	**5.12**		0.500	0.106	mg/L		08/27/25 11:25	08/27/25 17:12	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9.09**		0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 23:02	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 23:02	1
Arsenic	**0.00375**	**J**	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 23:02	1
Barium	**0.0953**		0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 23:02	1
Beryllium	**0.000444**	**J**	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 23:02	1
Boron	**0.199**		0.0500	0.0200	mg/L		08/28/25 14:30	09/02/25 13:33	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 23:02	1
Chromium	**0.00777**		0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 23:02	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-46

Lab Sample ID: 860-109722-9
Matrix: Water
Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	**0.00224**		0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 23:02	1
Copper	**0.00478**		0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 23:02	1
Lead	**0.00309**		0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 23:02	1
Manganese	**0.0813**		0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 23:02	1
Molybdenum	**0.00412**		0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 23:02	1
Nickel	**0.00571**		0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 23:02	1
Selenium	**0.0217**		0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 23:02	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 23:02	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 23:02	1
Uranium	**0.00553**		0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 23:02	1
Zinc	**0.0123**		0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 23:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 18:33	1
pH (SW846 9040C)	**7.86**	**HF**			SU			08/28/25 16:20	1
Temperature (SW846 9040C)	**20.4**	**HF**			Degrees C			08/28/25 16:20	1
Corrosivity (SW846 9040C)	**7.86**	**HF**			SU			08/28/25 16:20	1
Cyanide, Total (EPA Kelada 01)	**0.00593**		0.00500	0.00198	mg/L			08/26/25 18:14	1
Total Cations (SM 1030E)	**18.3**				meq/L			08/27/25 17:18	1
Total Anions (SM 1030E)	**21.4**				meq/L			08/27/25 17:18	1
Percent Difference (SM 1030E)	**-7.80**				%			08/27/25 17:18	1
Alkalinity (SM 2320B)	**85.3**		4.00	4.00	mg/L			08/28/25 13:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**85.3**		4.00	4.00	mg/L			08/28/25 13:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 13:15	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 13:15	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 13:15	1
Total Dissolved Solids (SM 2540C)	**1580**		20.0	20.0	mg/L			08/28/25 11:47	1

Client Sample ID: Dup-1

Lab Sample ID: 860-109722-10
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/27/25 11:45	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/27/25 11:45	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/27/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*08/27/25 11:45*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*08/27/25 11:45*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-1
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 13:30	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 13:30	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 13:30	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 13:30	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 13:30	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 13:30	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 13:30	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 13:30	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 13:30	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 13:30	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 13:30	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 13:30	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 13:30	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 13:30	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 13:30	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 13:30	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 13:30	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 13:30	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 13:30	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 13:30	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 13:30	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 13:30	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*63 - 144*		*08/26/25 13:30*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/26/25 13:30*	*1*
Dibromofluoromethane (Surr)	*115*		*75 - 131*		*08/26/25 13:30*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/26/25 13:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:59	08/27/25 17:31	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:59	08/27/25 17:31	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:59	08/27/25 17:31	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 17:31	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 17:31	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:59	08/27/25 17:31	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:59	08/27/25 17:31	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:59	08/27/25 17:31	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:59	08/27/25 17:31	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:59	08/27/25 17:31	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:59	08/27/25 17:31	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:59	08/27/25 17:31	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:59	08/27/25 17:31	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:59	08/27/25 17:31	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:59	08/27/25 17:31	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:59	08/27/25 17:31	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:59	08/27/25 17:31	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:59	08/27/25 17:31	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-1
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-10
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:59	08/27/25 17:31	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:59	08/27/25 17:31	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:59	08/27/25 17:31	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:59	08/27/25 17:31	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:59	08/27/25 17:31	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:59	08/27/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*35 - 130*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
2-Fluorophenol (Surr)	*32*		*19 - 120*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
2-Fluorobiphenyl	*82*		*43 - 130*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
Nitrobenzene-d5 (Surr)	*105*		*37 - 133*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
Phenol-d5 (Surr)	*23*		*8 - 124*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
p-Terphenyl-d14 (Surr)	*74*		*47 - 130*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
Nitrobenzene-d5 (Surr)	*105*		*37 - 133*	*08/25/25 13:59*	*08/27/25 17:31*	*1*
p-Terphenyl-d14 (Surr)	*74*		*47 - 130*	*08/25/25 13:59*	*08/27/25 17:31*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000529	U	0.000288	0.0000529	mg/L		08/22/25 13:53	08/25/25 17:07	1
PCB-1221	<0.0000529	U	0.000576	0.0000529	mg/L		08/22/25 13:53	08/25/25 17:07	1
PCB-1232	<0.0000529	U	0.000576	0.0000529	mg/L		08/22/25 13:53	08/25/25 17:07	1
PCB-1242	<0.0000529	U	0.000288	0.0000529	mg/L		08/22/25 13:53	08/25/25 17:07	1
PCB-1248	<0.0000529	U	0.000576	0.0000529	mg/L		08/22/25 13:53	08/25/25 17:07	1
PCB-1254	<0.0000696	U	0.000576	0.0000696	mg/L		08/22/25 13:53	08/25/25 17:07	1
PCB-1260	<0.0000696	U	0.000288	0.0000696	mg/L		08/22/25 13:53	08/25/25 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*52*		*52 - 134*	*08/22/25 13:53*	*08/25/25 17:07*	*1*
DCB Decachlorobiphenyl (Surr)	*43*		*28 - 94*	*08/22/25 13:53*	*08/25/25 17:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**470**		0.500	0.250	mg/L			08/22/25 20:28	1
Nitrate as N	**0.753**		0.100	0.0391	mg/L			08/22/25 20:28	1
Fluoride	**0.829**	**F1**	0.500	0.100	mg/L			08/22/25 20:28	1
Nitrite as N	<0.0699	U F1	0.100	0.0699	mg/L			08/22/25 20:28	1
Sulfate	**197**		0.500	0.200	mg/L			08/22/25 20:28	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**228**		10.0	5.08	mg/L		08/27/25 11:21	08/27/25 17:55	50
Iron	**1.84**		0.200	0.0283	mg/L		08/27/25 11:21	08/27/25 17:50	1
Magnesium	**27.7**		0.200	0.0445	mg/L		08/27/25 11:21	08/27/25 17:50	1
Sodium	**144**		0.500	0.152	mg/L		08/27/25 11:21	08/27/25 17:50	1
Sulfur	**68.0**		5.00	1.85	mg/L		08/27/25 11:21	08/27/25 17:55	50
SiO2	**62.5**		1.07	0.370	mg/L		08/27/25 11:21	08/27/25 17:50	1
Potassium	**5.09**		0.500	0.106	mg/L		08/27/25 11:21	08/27/25 17:50	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-1

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-10

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.75**		0.0200	0.00549	mg/L		08/28/25 10:50	08/29/25 03:34	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 10:50	08/29/25 03:34	1
Arsenic	**0.00265**	**J**	0.00400	0.000690	mg/L		08/28/25 10:50	08/29/25 03:34	1
Barium	**0.0744**		0.00400	0.00134	mg/L		08/28/25 10:50	08/29/25 03:34	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 10:50	08/29/25 03:34	1
Boron	**0.217**		0.100	0.0401	mg/L		08/28/25 10:50	08/29/25 16:57	10
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 10:50	08/29/25 03:34	1
Chromium	**0.00356**	**J**	0.00400	0.000560	mg/L		08/28/25 10:50	08/29/25 03:34	1
Cobalt	**0.000674**	**J**	0.00200	0.000355	mg/L		08/28/25 10:50	08/29/25 03:34	1
Copper	**0.00196**	**J**	0.00400	0.00100	mg/L		08/28/25 10:50	08/29/25 03:34	1
Lead	**0.000867**	**J**	0.00200	0.000367	mg/L		08/28/25 10:50	08/29/25 03:34	1
Manganese	**0.0213**		0.00200	0.000759	mg/L		08/28/25 10:50	08/29/25 03:34	1
Molybdenum	**0.00541**		0.00200	0.000255	mg/L		08/28/25 10:50	08/29/25 03:34	1
Nickel	**0.00192**	**J**	0.00200	0.000528	mg/L		08/28/25 10:50	08/29/25 03:34	1
Selenium	**0.0232**		0.00200	0.000590	mg/L		08/28/25 10:50	08/29/25 03:34	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 10:50	08/29/25 03:34	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 10:50	08/29/25 03:34	1
Uranium	**0.00595**		0.00100	0.000211	mg/L		08/28/25 10:50	08/29/25 03:34	1
Zinc	**0.00520**		0.00400	0.00274	mg/L		08/28/25 10:50	08/29/25 03:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:07	08/27/25 20:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 18:35	1
pH (SW846 9040C)	**8.22**	**HF**			SU			08/28/25 16:13	1
Temperature (SW846 9040C)	**20.8**	**HF**			Degrees C			08/28/25 16:13	1
Corrosivity (SW846 9040C)	**8.22**	**HF**			SU			08/28/25 16:13	1
Cyanide, Total (EPA Kelada 01)	**0.00248**	**J**	0.00500	0.00198	mg/L			08/26/25 22:32	1
Total Cations (SM 1030E)	**20.0**				meq/L			08/27/25 17:55	1
Total Anions (SM 1030E)	**21.3**				meq/L			08/27/25 17:55	1
Percent Difference (SM 1030E)	**-3.20**				%			08/27/25 17:55	1
Alkalinity (SM 2320B)	**90.7**		4.00	4.00	mg/L			08/28/25 16:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**90.7**		4.00	4.00	mg/L			08/28/25 16:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 16:26	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 16:26	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/28/25 16:26	1
Total Dissolved Solids (SM 2540C)	**1740**		20.0	20.0	mg/L			08/28/25 11:47	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-109722-1	TMW-31	102	101	100	101
860-109722-1 MS	TMW-31	94	105	94	99
860-109722-2	Dup-04	104	99	99	101
860-109722-3	TMW-45	103	103	101	101
860-109722-4	Dup-02	104	97	100	100
860-109722-5	TMW-15	107	102	111	100
860-109722-6	TMW-13	105	99	100	98
860-109722-7	TMW-33	107	100	103	100
860-109722-8	Dup-03	106	97	101	99
860-109722-9	TMW-46	103	102	102	101
860-109722-10	Dup-1	122	100	115	99
LCS 860-257668/3	Lab Control Sample	92	102	98	98
LCSD 860-257668/4	Lab Control Sample Dup	92	100	97	97
MB 860-257668/9	Method Blank	102	100	101	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
860-109722-1	TMW-31	94	102
860-109722-2	Dup-04	93	99
860-109722-3	TMW-45	94	98
860-109722-4	Dup-02	92	102
860-109722-5	TMW-15	93	101
860-109722-6	TMW-13	94	103
860-109722-7	TMW-33	94	97
860-109722-8	Dup-03	91	97
860-109722-9	TMW-46	92	97
860-109722-10	Dup-1	97	98
LCS 860-257577/3	Lab Control Sample	97	99
LCS 860-257870/3	Lab Control Sample	95	102
LCSD 860-257577/4	Lab Control Sample Dup	96	103
LCSD 860-257870/4	Lab Control Sample Dup	97	96
MB 860-257577/6	Method Blank	97	98
MB 860-257870/6	Method Blank	93	96

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109722-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-109722-1	TMW-31	112	46	107	107	31	128	128	104
860-109722-2	Dup-04	97	34	92	92	22	110	110	94
860-109722-3	TMW-45	102	38	93	93	24	106	106	88
860-109722-4	Dup-02	109	40	98	98	26	123	123	97
860-109722-5	TMW-15	107	38	101	101	23	117	117	111
860-109722-6	TMW-13	102	41	102	102	24	115	115	107
860-109722-7	TMW-33	116	43	103	103	24	121	121	116
860-109722-8	Dup-03	98	35	82	82	26	117	117	98
860-109722-9	TMW-46	86	37	83	83	28	117	117	79
860-109722-10	Dup-1	86	32	82	82	23	105	105	74
LCS 860-257518/2-A	Lab Control Sample	74	116	87	87	99	96	96	88
LCS 860-257521/2-A	Lab Control Sample	96	85	91	91	79	101	101	89
LCS 860-257521/4-A	Lab Control Sample	85	77	90	90	79	99	99	82
LCSD 860-257518/3-A	Lab Control Sample Dup	73	108	84	84	92	97	97	79
LCSD 860-257521/3-A	Lab Control Sample Dup	92	79	86	86	75	98	98	79
LCSD 860-257521/5-A	Lab Control Sample Dup	91	81	88	88	81	101	101	88
MB 860-257518/1-A	Method Blank	73	117	87	87	88	94	94	87
MB 860-257521/1-A	Method Blank	92	89	91	91	78	91	91	90

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TPHd14 (47-130)
860-109722-1	TMW-31	104
860-109722-2	Dup-04	94
860-109722-3	TMW-45	88
860-109722-4	Dup-02	97
860-109722-5	TMW-15	111
860-109722-6	TMW-13	107
860-109722-7	TMW-33	116
860-109722-8	Dup-03	98
860-109722-9	TMW-46	79
860-109722-10	Dup-1	74
LCS 860-257518/2-A	Lab Control Sample	88
LCS 860-257521/2-A	Lab Control Sample	89
LCS 860-257521/4-A	Lab Control Sample	82
LCSD 860-257518/3-A	Lab Control Sample Dup	79
LCSD 860-257521/3-A	Lab Control Sample Dup	79
LCSD 860-257521/5-A	Lab Control Sample Dup	88
MB 860-257518/1-A	Method Blank	87
MB 860-257521/1-A	Method Blank	90

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-1
Project/Site: EBDU 37

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX1 (52-134)	DCB1 (28-94)								
860-109722-1	TMW-31	81	50								
860-109722-2	Dup-04	171 S1+	115 S1+								
860-109722-3	TMW-45	81	41								
860-109722-4	Dup-02	105	48								
860-109722-5	TMW-15	98	68								
860-109722-6	TMW-13	114	50								
860-109722-7	TMW-33	85	31								
860-109722-8	Dup-03	85	28								
860-109722-9	TMW-46	84	29								
860-109722-10	Dup-1	52	43								
LCS 860-257054/4-A	Lab Control Sample	75	128 S1+								
LCS 860-257056/4-A	Lab Control Sample	78	134 S1+								
LCSD 860-257054/5-A	Lab Control Sample Dup	74	126 S1+								
LCSD 860-257056/5-A	Lab Control Sample Dup	76	131 S1+								
MB 860-257054/1-A	Method Blank	78	134 S1+								
MB 860-257056/1-A	Method Blank	76	131 S1+								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-257668/9
Matrix: Water
Analysis Batch: 257668

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/26/25 10:05	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/26/25 10:05	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/26/25 10:05	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/26/25 10:05	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/26/25 10:05	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/26/25 10:05	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/26/25 10:05	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/26/25 10:05	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/26/25 10:05	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/26/25 10:05	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/26/25 10:05	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/26/25 10:05	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/26/25 10:05	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/26/25 10:05	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/26/25 10:05	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/26/25 10:05	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/26/25 10:05	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/26/25 10:05	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 10:05	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/26/25 10:05	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/26/25 10:05	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/26/25 10:05	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/26/25 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 144*		*08/26/25 10:05*	*1*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*		*08/26/25 10:05*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*08/26/25 10:05*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*08/26/25 10:05*	*1*

Lab Sample ID: LCS 860-257668/3
Matrix: Water
Analysis Batch: 257668

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.04929		mg/L		99	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05001		mg/L		100	74 - 125
1,1,2-Trichloroethane	0.0500	0.04755		mg/L		95	75 - 130
1,1-Dichloroethane	0.0500	0.05991		mg/L		120	71 - 130
1,1-Dichloroethene	0.0500	0.05449		mg/L		109	50 - 150
1,2-Dibromoethane	0.0500	0.04910		mg/L		98	73 - 125
1,2-Dichloroethane	0.0500	0.04793		mg/L		96	72 - 130
1,2-Dichloropropane	0.0500	0.04735		mg/L		95	74 - 125
Benzene	0.0500	0.04730		mg/L		95	75 - 125
Carbon tetrachloride	0.0500	0.05152		mg/L		103	70 - 125
Chloroform	0.0500	0.04797		mg/L		96	70 - 121
Ethylbenzene	0.0500	0.04990		mg/L		100	75 - 125
MTBE	0.0500	0.05963		mg/L		119	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-257668/3
Matrix: Water
Analysis Batch: 257668

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.05348		mg/L		107	71 - 125		
Tetrachloroethene			0.0500	0.05075		mg/L		102	71 - 125		
Toluene			0.0500	0.04837		mg/L		97	75 - 130		
Trichloroethene			0.0500	0.04613		mg/L		92	75 - 135		
Vinyl chloride			0.0500	0.05059		mg/L		101	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.05628		mg/L		113	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.05728		mg/L		115	75 - 125		
o-Xylene			0.0500	0.04988		mg/L		100	75 - 125		
m,p-Xylenes			0.0500	0.05041		mg/L		101	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-257668/4
Matrix: Water
Analysis Batch: 257668

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.04688		mg/L		94	70 - 130	5	25
1,1,2,2-Tetrachloroethane			0.0500	0.04817		mg/L		96	74 - 125	4	25
1,1,2-Trichloroethane			0.0500	0.04612		mg/L		92	75 - 130	3	25
1,1-Dichloroethane			0.0500	0.06179		mg/L		124	71 - 130	3	25
1,1-Dichloroethene			0.0500	0.05125		mg/L		103	50 - 150	6	25
1,2-Dibromoethane			0.0500	0.04766		mg/L		95	73 - 125	3	25
1,2-Dichloroethane			0.0500	0.04662		mg/L		93	72 - 130	3	25
1,2-Dichloropropane			0.0500	0.04522		mg/L		90	74 - 125	5	25
Benzene			0.0500	0.04546		mg/L		91	75 - 125	4	25
Carbon tetrachloride			0.0500	0.04970		mg/L		99	70 - 125	4	25
Chloroform			0.0500	0.04585		mg/L		92	70 - 121	5	25
Ethylbenzene			0.0500	0.04736		mg/L		95	75 - 125	5	25
MTBE			0.0500	0.05542		mg/L		111	65 - 135	7	25
Methylene Chloride			0.0500	0.04682		mg/L		94	71 - 125	13	25
Tetrachloroethene			0.0500	0.04783		mg/L		96	71 - 125	6	25
Toluene			0.0500	0.04675		mg/L		93	75 - 130	3	25
Trichloroethene			0.0500	0.04466		mg/L		89	75 - 135	3	25
Vinyl chloride			0.0500	0.04878		mg/L		98	60 - 140	4	25
cis-1,2-Dichloroethene			0.0500	0.04408		mg/L		88	75 - 125	24	25
trans-1,2-Dichloroethene			0.0500	0.05140		mg/L		103	75 - 125	11	25
o-Xylene			0.0500	0.04758		mg/L		95	75 - 125	5	25
m,p-Xylenes			0.0500	0.04784		mg/L		96	75 - 125	5	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-257668/4
Matrix: Water
Analysis Batch: 257668

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: 860-109722-1 MS
Matrix: Water
Analysis Batch: 257668

Client Sample ID: TMW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.000585	U	0.0500	0.04630		mg/L		93	75 - 125
1,1,2,2-Tetrachloroethane	<0.000470	U	0.0500	0.04895		mg/L		98	74 - 125
1,1,2-Trichloroethane	<0.000411	U	0.0500	0.04753		mg/L		95	75 - 127
1,1-Dichloroethane	<0.000635	U	0.0500	0.05944		mg/L		119	72 - 125
1,1-Dichloroethene	<0.000738	U	0.0500	0.05315		mg/L		106	59 - 172
1,2-Dibromoethane	<0.000999	U	0.0500	0.04869		mg/L		97	73 - 125
1,2-Dichloroethane	<0.000372	U	0.0500	0.04654		mg/L		93	68 - 127
1,2-Dichloropropane	<0.000556	U	0.0500	0.04583		mg/L		92	74 - 125
Benzene	<0.000460	U	0.0500	0.04550		mg/L		91	66 - 142
Carbon tetrachloride	<0.000896	U	0.0500	0.05008		mg/L		100	62 - 125
Chloroform	<0.000464	U	0.0500	0.04461		mg/L		89	70 - 130
Ethylbenzene	<0.000385	U	0.0500	0.04848		mg/L		97	75 - 125
MTBE	<0.00139	U	0.0500	0.05257		mg/L		105	65 - 135
Methylene Chloride	<0.00173	U	0.0500	0.04809		mg/L		96	75 - 125
Tetrachloroethene	<0.000655	U	0.0500	0.04893		mg/L		98	71 - 125
Toluene	<0.000475	U	0.0500	0.04806		mg/L		96	59 - 139
Trichloroethene	<0.00150	U	0.0500	0.04464		mg/L		89	62 - 137
Vinyl chloride	<0.000428	U	0.0500	0.04911		mg/L		98	60 - 140
cis-1,2-Dichloroethene	<0.000457	U	0.0500	0.04429		mg/L		89	75 - 125
trans-1,2-Dichloroethene	<0.000368	U	0.0500	0.05093		mg/L		102	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04905		mg/L		98	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04905		mg/L		98	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*63 - 144*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-257577/6
Matrix: Water
Analysis Batch: 257577

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/26/25 07:52	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/26/25 07:52	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/26/25 07:52	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-257577/6
Matrix: Water
Analysis Batch: 257577

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		70 - 130		08/26/25 07:52	1
4-Bromofluorobenzene (Surr)	98		70 - 130		08/26/25 07:52	1

Lab Sample ID: LCS 860-257577/3
Matrix: Water
Analysis Batch: 257577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 860-257577/4
Matrix: Water
Analysis Batch: 257577

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 860-257870/6
Matrix: Water
Analysis Batch: 257870

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/27/25 09:42	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/27/25 09:42	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/27/25 09:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		70 - 130		08/27/25 09:42	1
4-Bromofluorobenzene (Surr)	96		70 - 130		08/27/25 09:42	1

Lab Sample ID: LCS 860-257870/3
Matrix: Water
Analysis Batch: 257870

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	95		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 860-257870/4
Matrix: Water
Analysis Batch: 257870

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	97		70 - 130
4-Bromofluorobenzene (Surr)	96		70 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-257518/1-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257518

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:55	08/26/25 19:37	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:55	08/26/25 19:37	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:55	08/26/25 19:37	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 19:37	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:55	08/26/25 19:37	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:55	08/26/25 19:37	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:55	08/26/25 19:37	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:55	08/26/25 19:37	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:55	08/26/25 19:37	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:55	08/26/25 19:37	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:55	08/26/25 19:37	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:55	08/26/25 19:37	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:55	08/26/25 19:37	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:55	08/26/25 19:37	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:55	08/26/25 19:37	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:55	08/26/25 19:37	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:55	08/26/25 19:37	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:55	08/26/25 19:37	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:55	08/26/25 19:37	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:55	08/26/25 19:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*35 - 130*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
2-Fluorophenol (Surr)	*117*		*19 - 120*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
2-Fluorobiphenyl	*87*		*43 - 130*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
Phenol-d5 (Surr)	*88*		*8 - 124*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
Nitrobenzene-d5 (Surr)	*94*		*37 - 133*	*08/25/25 13:55*	*08/26/25 19:37*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 130*	*08/25/25 13:55*	*08/26/25 19:37*	*1*

Lab Sample ID: LCS 860-257518/2-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257518

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	5.682		ug/L		99	52 - 125
1,2,4-Trichlorobenzene	5.71	5.072		ug/L		89	55 - 120
2-Methylnaphthalene	5.71	5.709		ug/L		100	33 - 149
Acenaphthene	5.71	5.424		ug/L		95	48 - 136
1,2-Dichlorobenzene	5.71	5.792		ug/L		101	65 - 130
Acenaphthylene	5.71	5.475		ug/L		96	40 - 149
Anthracene	5.71	6.415		ug/L		112	51 - 146
Benzo[a]anthracene	5.71	5.471		ug/L		96	43 - 145
Benzo[a]pyrene	5.71	5.590		ug/L		98	52 - 136
1,4-Dichlorobenzene	5.71	5.785		ug/L		101	60 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-257518/2-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257518

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[b]fluoranthene			5.71	6.133		ug/L		107	45 - 140		
Atrazine			5.71	5.892		ug/L		103	46 - 148		
Benzo[g,h,i]perylene			5.71	5.379		ug/L		94	44 - 137		
Benzo[k]fluoranthene			5.71	5.925		ug/L		104	37 - 140		
Pentachlorophenol			5.71	5.751		ug/L		101	33 - 150		
Chrysene			5.71	6.164		ug/L		108	47 - 137		
Dibenz(a,h)anthracene			5.71	5.893		ug/L		103	50 - 147		
Fluoranthene			5.71	6.194		ug/L		108	50 - 144		
Fluorene			5.71	5.539		ug/L		97	54 - 136		
Indeno[1,2,3-cd]pyrene			5.71	5.189		ug/L		91	46 - 138		
Naphthalene			5.71	5.784		ug/L		101	35 - 141		
Phenanthrene			5.71	5.712		ug/L		100	54 - 141		
Pyrene			5.71	5.924		ug/L		104	50 - 143		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*35 - 130*
2-Fluorophenol (Surr)	*116*		*19 - 120*
2-Fluorobiphenyl	*87*		*43 - 130*
Phenol-d5 (Surr)	*99*		*8 - 124*
Nitrobenzene-d5 (Surr)	*96*		*37 - 133*
p-Terphenyl-d14 (Surr)	*88*		*47 - 130*

Lab Sample ID: LCSD 860-257518/3-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257518

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	5.294		ug/L		93	52 - 125	7	30
1,2,4-Trichlorobenzene			5.71	4.890		ug/L		86	55 - 120	4	30
2-Methylnaphthalene			5.71	5.418		ug/L		95	33 - 149	5	30
Acenaphthene			5.71	5.402		ug/L		95	48 - 136	0	30
1,2-Dichlorobenzene			5.71	5.731		ug/L		100	65 - 130	1	30
Acenaphthylene			5.71	5.309		ug/L		93	40 - 149	3	30
Anthracene			5.71	5.812		ug/L		102	51 - 146	10	30
Benzo[a]anthracene			5.71	4.989		ug/L		87	43 - 145	9	30
Benzo[a]pyrene			5.71	5.711		ug/L		100	52 - 136	2	30
1,4-Dichlorobenzene			5.71	5.688		ug/L		100	60 - 150	2	30
Benzo[b]fluoranthene			5.71	5.633		ug/L		99	45 - 140	8	30
Atrazine			5.71	5.672		ug/L		99	46 - 148	4	30
Benzo[g,h,i]perylene			5.71	5.401		ug/L		95	44 - 137	0	30
Benzo[k]fluoranthene			5.71	5.422		ug/L		95	37 - 140	9	30
Pentachlorophenol			5.71	5.865		ug/L		103	33 - 150	2	30
Chrysene			5.71	5.707		ug/L		100	47 - 137	8	30
Dibenz(a,h)anthracene			5.71	5.869		ug/L		103	50 - 147	0	30
Fluoranthene			5.71	5.700		ug/L		100	50 - 144	8	30
Fluorene			5.71	5.576		ug/L		98	54 - 136	1	30
Indeno[1,2,3-cd]pyrene			5.71	4.999		ug/L		87	46 - 138	4	30
Naphthalene			5.71	5.527		ug/L		97	35 - 141	5	30

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-257518/3-A
Matrix: Water
Analysis Batch: 257715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257518

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			5.71	5.261		ug/L		92	54 - 141	8	30
Pyrene			5.71	5.451		ug/L		95	50 - 143	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*73*		*35 - 130*
2-Fluorophenol (Surr)	*108*		*19 - 120*
2-Fluorobiphenyl	*84*		*43 - 130*
Phenol-d5 (Surr)	*92*		*8 - 124*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*

Lab Sample ID: MB 860-257521/1-A
Matrix: Water
Analysis Batch: 258029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		08/25/25 13:59	08/27/25 13:33	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		08/25/25 13:59	08/27/25 13:33	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		08/25/25 13:59	08/27/25 13:33	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 13:33	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		08/25/25 13:59	08/27/25 13:33	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		08/25/25 13:59	08/27/25 13:33	1
Anthracene	<0.104	U	0.571	0.104	ug/L		08/25/25 13:59	08/27/25 13:33	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		08/25/25 13:59	08/27/25 13:33	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		08/25/25 13:59	08/27/25 13:33	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		08/25/25 13:59	08/27/25 13:33	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		08/25/25 13:59	08/27/25 13:33	1
Atrazine	<0.177	U	0.500	0.177	ug/L		08/25/25 13:59	08/27/25 13:33	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		08/25/25 13:59	08/27/25 13:33	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		08/25/25 13:59	08/27/25 13:33	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		08/25/25 13:59	08/27/25 13:33	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		08/25/25 13:59	08/27/25 13:33	1
Styrene	<1.59	U	2.29	1.59	ug/L		08/25/25 13:59	08/27/25 13:33	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		08/25/25 13:59	08/27/25 13:33	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		08/25/25 13:59	08/27/25 13:33	1
Fluorene	<0.113	U	0.571	0.113	ug/L		08/25/25 13:59	08/27/25 13:33	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		08/25/25 13:59	08/27/25 13:33	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		08/25/25 13:59	08/27/25 13:33	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		08/25/25 13:59	08/27/25 13:33	1
Pyrene	<0.129	U	0.571	0.129	ug/L		08/25/25 13:59	08/27/25 13:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*35 - 130*	*08/25/25 13:59*	*08/27/25 13:33*	*1*
2-Fluorophenol (Surr)	*89*		*19 - 120*	*08/25/25 13:59*	*08/27/25 13:33*	*1*
2-Fluorobiphenyl	*91*		*43 - 130*	*08/25/25 13:59*	*08/27/25 13:33*	*1*
Phenol-d5 (Surr)	*78*		*8 - 124*	*08/25/25 13:59*	*08/27/25 13:33*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 133*	*08/25/25 13:59*	*08/27/25 13:33*	*1*
p-Terphenyl-d14 (Surr)	*90*		*47 - 130*	*08/25/25 13:59*	*08/27/25 13:33*	*1*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: LCS 860-257521/2-A
Matrix: Water
Analysis Batch: 258029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257521

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			5.71	4.801		ug/L		84	52 - 125		
1,2,4-Trichlorobenzene			5.71	5.058		ug/L		89	55 - 120		
2-Methylnaphthalene			5.71	5.064		ug/L		89	33 - 149		
Acenaphthene			5.71	4.691		ug/L		82	48 - 136		
1,2-Dichlorobenzene			5.71	4.734		ug/L		83	65 - 130		
Acenaphthylene			5.71	5.545		ug/L		97	40 - 149		
Anthracene			5.71	5.000		ug/L		88	51 - 146		
Benzo[a]anthracene			5.71	4.927		ug/L		86	43 - 145		
Benzo[a]pyrene			5.71	4.964		ug/L		87	52 - 136		
1,4-Dichlorobenzene			5.71	4.696		ug/L		82	60 - 150		
Benzo[b]fluoranthene			5.71	4.879		ug/L		85	45 - 140		
Atrazine			5.71	5.031		ug/L		88	46 - 148		
Benzo[g,h,i]perylene			5.71	4.522		ug/L		79	44 - 137		
Benzo[k]fluoranthene			5.71	4.635		ug/L		81	37 - 140		
Pentachlorophenol			5.71	5.546		ug/L		97	33 - 150		
Chrysene			5.71	4.675		ug/L		82	47 - 137		
Dibenz(a,h)anthracene			5.71	4.848		ug/L		85	50 - 147		
Fluoranthene			5.71	5.449		ug/L		95	50 - 144		
Fluorene			5.71	4.944		ug/L		87	54 - 136		
Indeno[1,2,3-cd]pyrene			5.71	4.627		ug/L		81	46 - 138		
Naphthalene			5.71	4.660		ug/L		82	35 - 141		
Phenanthrene			5.71	5.215		ug/L		91	54 - 141		
Pyrene			5.71	5.280		ug/L		92	50 - 143		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*96*		*35 - 130*
2-Fluorophenol (Surr)	*85*		*19 - 120*
2-Fluorobiphenyl	*91*		*43 - 130*
Phenol-d5 (Surr)	*79*		*8 - 124*
Nitrobenzene-d5 (Surr)	*101*		*37 - 133*
p-Terphenyl-d14 (Surr)	*89*		*47 - 130*

Lab Sample ID: LCS 860-257521/4-A
Matrix: Water
Analysis Batch: 258029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257521

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			22.9	18.58		ug/L		81	35 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*35 - 130*
2-Fluorophenol (Surr)	*77*		*19 - 120*
2-Fluorobiphenyl	*90*		*43 - 130*
Phenol-d5 (Surr)	*79*		*8 - 124*
Nitrobenzene-d5 (Surr)	*99*		*37 - 133*
p-Terphenyl-d14 (Surr)	*82*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-257521/3-A
Matrix: Water
Analysis Batch: 258029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257521

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	4.598		ug/L		80	52 - 125	4	30
1,2,4-Trichlorobenzene			5.71	4.809		ug/L		84	55 - 120	5	30
2-Methylnaphthalene			5.71	4.848		ug/L		85	33 - 149	4	30
Acenaphthene			5.71	4.417		ug/L		77	48 - 136	6	30
1,2-Dichlorobenzene			5.71	4.419		ug/L		77	65 - 130	7	30
Acenaphthylene			5.71	5.240		ug/L		92	40 - 149	6	30
Anthracene			5.71	4.644		ug/L		81	51 - 146	7	30
Benzo[a]anthracene			5.71	4.568		ug/L		80	43 - 145	8	30
Benzo[a]pyrene			5.71	4.574		ug/L		80	52 - 136	8	30
1,4-Dichlorobenzene			5.71	4.358		ug/L		76	60 - 150	7	30
Benzo[b]fluoranthene			5.71	4.875		ug/L		85	45 - 140	0	30
Atrazine			5.71	4.889		ug/L		86	46 - 148	3	30
Benzo[g,h,i]perylene			5.71	4.052		ug/L		71	44 - 137	11	30
Benzo[k]fluoranthene			5.71	4.363		ug/L		76	37 - 140	6	30
Pentachlorophenol			5.71	5.125		ug/L		90	33 - 150	8	30
Chrysene			5.71	4.415		ug/L		77	47 - 137	6	30
Dibenz(a,h)anthracene			5.71	4.422		ug/L		77	50 - 147	9	30
Fluoranthene			5.71	5.067		ug/L		89	50 - 144	7	30
Fluorene			5.71	4.739		ug/L		83	54 - 136	4	30
Indeno[1,2,3-cd]pyrene			5.71	4.386		ug/L		77	46 - 138	5	30
Naphthalene			5.71	4.393		ug/L		77	35 - 141	6	30
Phenanthrene			5.71	4.871		ug/L		85	54 - 141	7	30
Pyrene			5.71	5.036		ug/L		88	50 - 143	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*92*		*35 - 130*
2-Fluorophenol (Surr)	*79*		*19 - 120*
2-Fluorobiphenyl	*86*		*43 - 130*
Phenol-d5 (Surr)	*75*		*8 - 124*
Nitrobenzene-d5 (Surr)	*98*		*37 - 133*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*

Lab Sample ID: LCSD 860-257521/5-A
Matrix: Water
Analysis Batch: 258029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257521

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	19.26		ug/L		84	35 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*35 - 130*
2-Fluorophenol (Surr)	*81*		*19 - 120*
2-Fluorobiphenyl	*88*		*43 - 130*
Phenol-d5 (Surr)	*81*		*8 - 124*
Nitrobenzene-d5 (Surr)	*101*		*37 - 133*
p-Terphenyl-d14 (Surr)	*88*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-257054/1-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000583	U	0.000317	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1221	<0.0000583	U	0.000635	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1232	<0.0000583	U	0.000635	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1242	<0.0000583	U	0.000317	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1248	<0.0000583	U	0.000635	0.0000583	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1254	<0.0000767	U	0.000635	0.0000767	mg/L		08/22/25 13:52	08/25/25 11:03	1
PCB-1260	<0.0000767	U	0.000317	0.0000767	mg/L		08/22/25 13:52	08/25/25 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*52 - 134*	*08/22/25 13:52*	*08/25/25 11:03*	*1*
DCB Decachlorobiphenyl (Surr)	*134*	*S1+*	*28 - 94*	*08/22/25 13:52*	*08/25/25 11:03*	*1*

Lab Sample ID: LCS 860-257054/4-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257054

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00644	0.005579		mg/L		87	75 - 135		
PCB-1260			0.00644	0.004969		mg/L		77	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*128*	*S1+*	*28 - 94*

Lab Sample ID: LCSD 860-257054/5-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257054

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00625	0.005365		mg/L		86	75 - 135	4	20
PCB-1260			0.00625	0.004727		mg/L		76	65 - 115	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*74*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*126*	*S1+*	*28 - 94*

Lab Sample ID: MB 860-257056/1-A
Matrix: Water
Analysis Batch: 257383

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257056

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000527	U	0.000287	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1221	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1232	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1242	<0.0000527	U	0.000287	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1248	<0.0000527	U	0.000573	0.0000527	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1254	<0.0000693	U	0.000573	0.0000693	mg/L		08/22/25 13:53	08/25/25 12:00	1
PCB-1260	<0.0000693	U	0.000287	0.0000693	mg/L		08/22/25 13:53	08/25/25 12:00	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		52 - 134	08/22/25 13:53	08/25/25 12:00	1
DCB Decachlorobiphenyl (Surr)	131	S1+	28 - 94	08/22/25 13:53	08/25/25 12:00	1

Lab Sample ID: LCS 860-257056/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 257383 — **Prep Batch: 257056**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00580	0.005338		mg/L		92	75 - 135		
PCB-1260			0.00580	0.004864		mg/L		84	65 - 115		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	78		52 - 134
DCB Decachlorobiphenyl (Surr)	134	S1+	28 - 94

Lab Sample ID: LCSD 860-257056/5-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 257383 — **Prep Batch: 257056**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00590	0.005321		mg/L		90	75 - 135	0	20
PCB-1260			0.00590	0.004854		mg/L		82	65 - 115	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	76		52 - 134
DCB Decachlorobiphenyl (Surr)	131	S1+	28 - 94

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-256933/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/22/25 09:30	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/22/25 09:30	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/22/25 09:30	1

Lab Sample ID: MB 860-256933/65 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 256933

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/22/25 18:08	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/22/25 18:08	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/22/25 18:08	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-256933/4
Matrix: Water
Analysis Batch: 256933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.340		mg/L		93	90 - 110
Fluoride	10.0	9.924		mg/L		99	90 - 110
Sulfate	10.0	9.860		mg/L		99	90 - 110

Lab Sample ID: LCS 860-256933/66
Matrix: Water
Analysis Batch: 256933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.248		mg/L		92	90 - 110
Fluoride	10.0	10.00		mg/L		100	90 - 110
Sulfate	10.0	9.764		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-256933/5
Matrix: Water
Analysis Batch: 256933

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.793		mg/L		98	90 - 110	5	20
Fluoride	10.0	10.38		mg/L		104	90 - 110	4	20
Sulfate	10.0	10.35		mg/L		103	90 - 110	5	20

Lab Sample ID: LCSD 860-256933/67
Matrix: Water
Analysis Batch: 256933

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.707		mg/L		97	90 - 110	5	20
Fluoride	10.0	10.48		mg/L		105	90 - 110	5	20
Sulfate	10.0	10.27		mg/L		103	90 - 110	5	20

Lab Sample ID: LLCS 860-256933/7
Matrix: Water
Analysis Batch: 256933

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4182	J	mg/L		84	50 - 150
Fluoride	0.500	0.3743	J	mg/L		75	50 - 150
Sulfate	0.500	0.4129	J	mg/L		83	50 - 150

Lab Sample ID: 860-109722-10 MS
Matrix: Water
Analysis Batch: 256933

Client Sample ID: Dup-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	470		10.0	482.6	4	mg/L		124	90 - 110
Fluoride	0.829	F1	10.0	5.716	F1	mg/L		49	90 - 110
Sulfate	197		10.0	206.7	4	mg/L		93	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-109722-10 MSD
Matrix: Water
Analysis Batch: 256933

Client Sample ID: Dup-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	470		10.0	475.8	4	mg/L		56	90 - 110	1	15
Fluoride	0.829	F1	10.0	5.024	F1	mg/L		42	90 - 110	13	15
Sulfate	197		10.0	204.4	4	mg/L		70	90 - 110	1	15

Lab Sample ID: MB 860-256934/3
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/22/25 09:30	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 09:30	1

Lab Sample ID: MB 860-256934/65
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/22/25 18:08	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/22/25 18:08	1

Lab Sample ID: LCS 860-256934/4
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.533		mg/L		95	90 - 110
Nitrite as N	10.0	9.699		mg/L		97	90 - 110

Lab Sample ID: LCS 860-256934/66
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	9.499		mg/L		95	90 - 110
Nitrite as N	10.0	9.838		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-256934/5
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	9.990		mg/L		100	90 - 110	5	20
Nitrite as N	10.0	10.14		mg/L		101	90 - 110	4	20

Lab Sample ID: LCSD 860-256934/67
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	9.964		mg/L		100	90 - 110	5	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-256934/67
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite as N			10.0	10.30		mg/L		103	90 - 110	5	20

Lab Sample ID: LLCS 860-256934/6
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.1017		mg/L		102	50 - 150		
Nitrite as N			0.100	<0.0699	U	mg/L		64	50 - 150		

Lab Sample ID: 860-109722-10 MS
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Dup-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	0.753		10.0	10.56		mg/L		98	90 - 110		
Nitrite as N	<0.0699	U F1	2.50	2.133	F1	mg/L		85	90 - 110		

Lab Sample ID: 860-109722-10 MSD
Matrix: Water
Analysis Batch: 256934

Client Sample ID: Dup-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.753		10.0	10.39		mg/L		96	90 - 110	2	15
Nitrite as N	<0.0699	U F1	2.50	2.109	F1	mg/L		84	90 - 110	1	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-258062/1-A
Matrix: Water
Analysis Batch: 258355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258062

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/27/25 11:21	08/27/25 17:32	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/27/25 11:21	08/27/25 17:32	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/27/25 11:21	08/27/25 17:32	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/27/25 11:21	08/27/25 17:32	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/27/25 11:21	08/27/25 17:32	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/27/25 11:21	08/27/25 17:32	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/27/25 11:21	08/27/25 17:32	1

Lab Sample ID: LCS 860-258062/2-A
Matrix: Water
Analysis Batch: 258355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258062

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			25.0	25.40		mg/L		102	80 - 120		
Iron			5.00	5.090		mg/L		102	80 - 120		
Magnesium			25.0	24.90		mg/L		100	80 - 120		
Sodium			25.0	26.50		mg/L		106	80 - 120		

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-258062/2-A
Matrix: Water
Analysis Batch: 258355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	5.00	5.220		mg/L		104	80 - 125
SiO2	21.4	23.11		mg/L		108	80 - 120
Potassium	10.0	10.40		mg/L		104	80 - 120

Lab Sample ID: LCSD 860-258062/3-A
Matrix: Water
Analysis Batch: 258355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258062

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.40		mg/L		102	80 - 120	0	20
Iron	5.00	5.080		mg/L		102	80 - 120	0	20
Magnesium	25.0	24.80		mg/L		99	80 - 120	0	20
Sodium	25.0	26.50		mg/L		106	80 - 120	0	20
Sulfur	5.00	5.190		mg/L		104	80 - 125	1	20
SiO2	21.4	22.90		mg/L		107	80 - 120	1	20
Potassium	10.0	10.40		mg/L		104	80 - 120	0	20

Lab Sample ID: MB 860-258070/1-A
Matrix: Water
Analysis Batch: 258091

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258070

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/27/25 11:25	08/27/25 16:49	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/27/25 11:25	08/27/25 16:49	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/27/25 11:25	08/27/25 16:49	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/27/25 11:25	08/27/25 16:49	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/27/25 11:25	08/27/25 16:49	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/27/25 11:25	08/27/25 16:49	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/27/25 11:25	08/27/25 16:49	1

Lab Sample ID: LCS 860-258070/2-A
Matrix: Water
Analysis Batch: 258091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258070

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.70		mg/L		103	80 - 120
Iron	5.00	5.160		mg/L		103	80 - 120
Magnesium	25.0	25.70		mg/L		103	80 - 120
Sodium	25.0	25.00		mg/L		100	80 - 120
Sulfur	5.00	5.030		mg/L		101	80 - 125
SiO2	21.4	23.11		mg/L		108	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-258070/3-A
Matrix: Water
Analysis Batch: 258091

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258070

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.70		mg/L		103	80 - 120	0	20
Iron	5.00	5.170		mg/L		103	80 - 120	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-258070/3-A
Matrix: Water
Analysis Batch: 258091

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258070

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	25.0	25.70		mg/L		103	80 - 120	0	20
Sodium	25.0	25.10		mg/L		100	80 - 120	0	20
Sulfur	5.00	5.040		mg/L		101	80 - 125	0	20
SiO2	21.4	23.11		mg/L		108	80 - 120	0	20
Potassium	10.0	10.10		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 860-258507/1-A
Matrix: Water
Analysis Batch: 258837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		08/28/25 13:28	08/29/25 14:14	1
Iron	<0.0283	U	0.200	0.0283	mg/L		08/28/25 13:28	08/29/25 14:14	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		08/28/25 13:28	08/29/25 14:14	1
Sodium	<0.152	U	0.500	0.152	mg/L		08/28/25 13:28	08/29/25 14:14	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		08/28/25 13:28	08/29/25 14:14	1
SiO2	<0.370	U	1.07	0.370	mg/L		08/28/25 13:28	08/29/25 14:14	1
Potassium	<0.106	U	0.500	0.106	mg/L		08/28/25 13:28	08/29/25 14:14	1

Lab Sample ID: LCS 860-258507/2-A
Matrix: Water
Analysis Batch: 258837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	24.50		mg/L		98	80 - 120
Iron	5.00	4.890		mg/L		98	80 - 120
Magnesium	25.0	24.30		mg/L		97	80 - 120
Sodium	25.0	25.60		mg/L		102	80 - 120
Sulfur	5.00	5.010		mg/L		100	80 - 125
SiO2	21.4	22.68		mg/L		106	80 - 120
Potassium	10.0	10.20		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-258507/3-A
Matrix: Water
Analysis Batch: 258837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258507

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	24.50		mg/L		98	80 - 120	0	20
Iron	5.00	4.880		mg/L		98	80 - 120	0	20
Magnesium	25.0	24.20		mg/L		97	80 - 120	0	20
Sodium	25.0	25.50		mg/L		102	80 - 120	0	20
Sulfur	5.00	5.040		mg/L		101	80 - 125	1	20
SiO2	21.4	22.68		mg/L		106	80 - 120	0	20
Potassium	10.0	10.20		mg/L		102	80 - 120	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-257813/1-A
Matrix: Water
Analysis Batch: 258464

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/26/25 12:58	08/28/25 05:03	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/26/25 12:58	08/28/25 05:03	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/26/25 12:58	08/28/25 05:03	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/26/25 12:58	08/28/25 05:03	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/26/25 12:58	08/28/25 05:03	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/26/25 12:58	08/28/25 05:03	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/26/25 12:58	08/28/25 05:03	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/26/25 12:58	08/28/25 05:03	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/26/25 12:58	08/28/25 05:03	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/26/25 12:58	08/28/25 05:03	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/26/25 12:58	08/28/25 05:03	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/26/25 12:58	08/28/25 05:03	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/26/25 12:58	08/28/25 05:03	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/26/25 12:58	08/28/25 05:03	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/26/25 12:58	08/28/25 05:03	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/26/25 12:58	08/28/25 05:03	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/26/25 12:58	08/28/25 05:03	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/26/25 12:58	08/28/25 05:03	1

Lab Sample ID: MB 860-257813/1-A
Matrix: Water
Analysis Batch: 258748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/26/25 12:58	08/28/25 15:52	1

Lab Sample ID: LCS 860-257813/2-A
Matrix: Water
Analysis Batch: 258464

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4948		mg/L		99	80 - 120
Antimony	0.100	0.09340		mg/L		93	80 - 120
Arsenic	0.100	0.1005		mg/L		101	80 - 120
Barium	0.100	0.09863		mg/L		99	80 - 120
Beryllium	0.100	0.09786		mg/L		98	80 - 120
Cadmium	0.100	0.09928		mg/L		99	80 - 120
Chromium	0.100	0.09888		mg/L		99	80 - 120
Cobalt	0.100	0.09776		mg/L		98	80 - 120
Copper	0.100	0.09727		mg/L		97	80 - 120
Lead	0.100	0.09807		mg/L		98	80 - 120
Manganese	0.100	0.09942		mg/L		99	80 - 120
Molybdenum	0.100	0.09488		mg/L		95	80 - 120
Nickel	0.100	0.09921		mg/L		99	80 - 120
Selenium	0.100	0.09976		mg/L		100	80 - 120
Silver	0.0500	0.04956		mg/L		99	80 - 120
Thallium	0.100	0.1004		mg/L		100	80 - 120
Uranium	0.0250	0.02461		mg/L		98	80 - 120
Zinc	0.100	0.09961		mg/L		100	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 860-257813/2-A
Matrix: Water
Analysis Batch: 258748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257813

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09059		mg/L		91	80 - 120

Lab Sample ID: LCSD 860-257813/3-A
Matrix: Water
Analysis Batch: 258464

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4952		mg/L		99	80 - 120	0	20
Antimony	0.100	0.09636		mg/L		96	80 - 120	3	20
Arsenic	0.100	0.1012		mg/L		101	80 - 120	1	20
Barium	0.100	0.09803		mg/L		98	80 - 120	1	20
Beryllium	0.100	0.09686		mg/L		97	80 - 120	1	20
Cadmium	0.100	0.1000		mg/L		100	80 - 120	1	20
Chromium	0.100	0.09983		mg/L		100	80 - 120	1	20
Cobalt	0.100	0.09909		mg/L		99	80 - 120	1	20
Copper	0.100	0.09827		mg/L		98	80 - 120	1	20
Lead	0.100	0.09820		mg/L		98	80 - 120	0	20
Manganese	0.100	0.1016		mg/L		102	80 - 120	2	20
Molybdenum	0.100	0.09609		mg/L		96	80 - 120	1	20
Nickel	0.100	0.09950		mg/L		100	80 - 120	0	20
Selenium	0.100	0.1000		mg/L		100	80 - 120	0	20
Silver	0.0500	0.05013		mg/L		100	80 - 120	1	20
Thallium	0.100	0.1001		mg/L		100	80 - 120	0	20
Uranium	0.0250	0.02458		mg/L		98	80 - 120	0	20
Zinc	0.100	0.1011		mg/L		101	80 - 120	1	20

Lab Sample ID: LCSD 860-257813/3-A
Matrix: Water
Analysis Batch: 258748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257813

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.09457		mg/L		95	80 - 120	4	20

Lab Sample ID: MB 860-258443/1-A
Matrix: Water
Analysis Batch: 258794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258443

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/28/25 10:50	08/29/25 01:41	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 10:50	08/29/25 01:41	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/28/25 10:50	08/29/25 01:41	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/28/25 10:50	08/29/25 01:41	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 10:50	08/29/25 01:41	1
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/28/25 10:50	08/29/25 01:41	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 10:50	08/29/25 01:41	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/28/25 10:50	08/29/25 01:41	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/28/25 10:50	08/29/25 01:41	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 10:50	08/29/25 01:41	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/28/25 10:50	08/29/25 01:41	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-258443/1-A
Matrix: Water
Analysis Batch: 258794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258443

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/28/25 10:50	08/29/25 01:41	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/28/25 10:50	08/29/25 01:41	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/28/25 10:50	08/29/25 01:41	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/28/25 10:50	08/29/25 01:41	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 10:50	08/29/25 01:41	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 10:50	08/29/25 01:41	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/28/25 10:50	08/29/25 01:41	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/28/25 10:50	08/29/25 01:41	1

Lab Sample ID: LCS 860-258443/2-A
Matrix: Water
Analysis Batch: 258794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258443

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5013		mg/L		100	80 - 120
Antimony	0.100	0.1001		mg/L		100	80 - 120
Arsenic	0.100	0.09900		mg/L		99	80 - 120
Barium	0.100	0.09752		mg/L		98	80 - 120
Beryllium	0.100	0.09780		mg/L		98	80 - 120
Boron	0.100	0.09815		mg/L		98	80 - 120
Cadmium	0.100	0.09880		mg/L		99	80 - 120
Chromium	0.100	0.09986		mg/L		100	80 - 120
Cobalt	0.100	0.09857		mg/L		99	80 - 120
Copper	0.100	0.09831		mg/L		98	80 - 120
Lead	0.100	0.09821		mg/L		98	80 - 120
Manganese	0.100	0.09980		mg/L		100	80 - 120
Molybdenum	0.100	0.09683		mg/L		97	80 - 120
Nickel	0.100	0.09898		mg/L		99	80 - 120
Selenium	0.100	0.09928		mg/L		99	80 - 120
Silver	0.0500	0.05034		mg/L		101	80 - 120
Thallium	0.100	0.1002		mg/L		100	80 - 120
Uranium	0.0250	0.02485		mg/L		99	80 - 120
Zinc	0.100	0.09784		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-258443/3-A
Matrix: Water
Analysis Batch: 258794

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258443

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5035		mg/L		101	80 - 120	0	20
Antimony	0.100	0.1019		mg/L		102	80 - 120	2	20
Arsenic	0.100	0.09992		mg/L		100	80 - 120	1	20
Barium	0.100	0.09784		mg/L		98	80 - 120	0	20
Beryllium	0.100	0.09661		mg/L		97	80 - 120	1	20
Boron	0.100	0.09884		mg/L		99	80 - 120	1	20
Cadmium	0.100	0.09952		mg/L		100	80 - 120	1	20
Chromium	0.100	0.09977		mg/L		100	80 - 120	0	20
Cobalt	0.100	0.09944		mg/L		99	80 - 120	1	20
Copper	0.100	0.09804		mg/L		98	80 - 120	0	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-258443/3-A
Matrix: Water
Analysis Batch: 258794

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258443

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			0.100	0.09915		mg/L		99	80 - 120	1	20
Manganese			0.100	0.09986		mg/L		100	80 - 120	0	20
Molybdenum			0.100	0.09638		mg/L		96	80 - 120	0	20
Nickel			0.100	0.09955		mg/L		100	80 - 120	1	20
Selenium			0.100	0.09936		mg/L		99	80 - 120	0	20
Silver			0.0500	0.05008		mg/L		100	80 - 120	1	20
Thallium			0.100	0.1002		mg/L		100	80 - 120	0	20
Uranium			0.0250	0.02509		mg/L		100	80 - 120	1	20
Zinc			0.100	0.09751		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 860-258506/1-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		08/28/25 14:30	08/29/25 21:58	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		08/28/25 14:30	08/29/25 21:58	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		08/28/25 14:30	08/29/25 21:58	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		08/28/25 14:30	08/29/25 21:58	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		08/28/25 14:30	08/29/25 21:58	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		08/28/25 14:30	08/29/25 21:58	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		08/28/25 14:30	08/29/25 21:58	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		08/28/25 14:30	08/29/25 21:58	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		08/28/25 14:30	08/29/25 21:58	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		08/28/25 14:30	08/29/25 21:58	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		08/28/25 14:30	08/29/25 21:58	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		08/28/25 14:30	08/29/25 21:58	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		08/28/25 14:30	08/29/25 21:58	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		08/28/25 14:30	08/29/25 21:58	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		08/28/25 14:30	08/29/25 21:58	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		08/28/25 14:30	08/29/25 21:58	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		08/28/25 14:30	08/29/25 21:58	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		08/28/25 14:30	08/29/25 21:58	1

Lab Sample ID: MB 860-258506/1-A
Matrix: Water
Analysis Batch: 259252

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		08/28/25 14:30	09/02/25 12:56	1

Lab Sample ID: LCS 860-258506/2-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258506

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum			0.500	0.4745		mg/L		95	80 - 120
Antimony			0.100	0.09317		mg/L		93	80 - 120
Arsenic			0.100	0.09851		mg/L		99	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-258506/2-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.09813		mg/L		98	80 - 120
Beryllium	0.100	0.09640		mg/L		96	80 - 120
Cadmium	0.100	0.09790		mg/L		98	80 - 120
Chromium	0.100	0.09769		mg/L		98	80 - 120
Cobalt	0.100	0.09731		mg/L		97	80 - 120
Copper	0.100	0.09728		mg/L		97	80 - 120
Lead	0.100	0.09818		mg/L		98	80 - 120
Manganese	0.100	0.09927		mg/L		99	80 - 120
Molybdenum	0.100	0.09459		mg/L		95	80 - 120
Nickel	0.100	0.09889		mg/L		99	80 - 120
Selenium	0.100	0.09983		mg/L		100	80 - 120
Silver	0.0500	0.04972		mg/L		99	80 - 120
Thallium	0.100	0.09993		mg/L		100	80 - 120
Uranium	0.0250	0.02465		mg/L		99	80 - 120
Zinc	0.100	0.09813		mg/L		98	80 - 120

Lab Sample ID: LCS 860-258506/2-A
Matrix: Water
Analysis Batch: 259252

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09677		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-258506/3-A
Matrix: Water
Analysis Batch: 259170

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258506

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4882		mg/L		98	80 - 120	3	20
Antimony	0.100	0.09348		mg/L		93	80 - 120	0	20
Arsenic	0.100	0.09689		mg/L		97	80 - 120	2	20
Barium	0.100	0.09474		mg/L		95	80 - 120	4	20
Beryllium	0.100	0.09544		mg/L		95	80 - 120	1	20
Cadmium	0.100	0.09621		mg/L		96	80 - 120	2	20
Chromium	0.100	0.09595		mg/L		96	80 - 120	2	20
Cobalt	0.100	0.09595		mg/L		96	80 - 120	1	20
Copper	0.100	0.09568		mg/L		96	80 - 120	2	20
Lead	0.100	0.09791		mg/L		98	80 - 120	0	20
Manganese	0.100	0.09722		mg/L		97	80 - 120	2	20
Molybdenum	0.100	0.09337		mg/L		93	80 - 120	1	20
Nickel	0.100	0.09641		mg/L		96	80 - 120	3	20
Selenium	0.100	0.1006		mg/L		101	80 - 120	1	20
Silver	0.0500	0.04888		mg/L		98	80 - 120	2	20
Thallium	0.100	0.1004		mg/L		100	80 - 120	1	20
Uranium	0.0250	0.02490		mg/L		100	80 - 120	1	20
Zinc	0.100	0.09591		mg/L		96	80 - 120	2	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-258506/3-A
Matrix: Water
Analysis Batch: 259252

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.09972		mg/L		100	80 - 120	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-258132/1-A
Matrix: Water
Analysis Batch: 258317

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258132

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		08/27/25 13:06	08/27/25 20:10	1

Lab Sample ID: LCS 860-258132/2-A
Matrix: Water
Analysis Batch: 258317

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258132

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.002049		mg/L		102	80 - 120		

Lab Sample ID: LCSD 860-258132/3-A
Matrix: Water
Analysis Batch: 258317

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258132

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001964		mg/L		98	80 - 120	4	20

Lab Sample ID: MB 860-259083/1-A
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259083

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000706	U	0.00200	0.000706	mg/L		09/02/25 07:28	09/02/25 20:55	1

Lab Sample ID: LCS 860-259083/2-A
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259083

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.0200	0.01991		mg/L		100	80 - 120		

Lab Sample ID: LCSD 860-259083/3-A
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259083

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.0200	0.01965		mg/L		98	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-257637/16
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 16:06	1

Lab Sample ID: MB 860-257637/55
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			08/25/25 17:50	1

Lab Sample ID: LCS 860-257637/17
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09980		mg/L		100	90 - 110

Lab Sample ID: LCS 860-257637/56
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.1016		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-257637/18
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.1009		mg/L		101	90 - 110	1	20

Lab Sample ID: LCSD 860-257637/57
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.1030		mg/L		103	90 - 110	1	20

Lab Sample ID: 860-109722-4 MS
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Dup-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	<0.00580	U	0.100	0.09960		mg/L		100	90 - 110

Lab Sample ID: 860-109722-4 MSD
Matrix: Water
Analysis Batch: 257637

Client Sample ID: Dup-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	<0.00580	U	0.100	0.1077		mg/L		108	90 - 110	8	20

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: 860-109722-5 MS
Matrix: Water
Analysis Batch: 257637

Client Sample ID: TMW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenols, Total	<0.00580	U	0.100	0.1040		mg/L		104	90 - 110		

Lab Sample ID: 860-109722-5 MSD
Matrix: Water
Analysis Batch: 257637

Client Sample ID: TMW-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	<0.00580	U	0.100	0.1046		mg/L		105	90 - 110	1	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-258042/103
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 21:50	1

Lab Sample ID: MB 860-258042/24
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 17:53	1

Lab Sample ID: MB 860-258042/64
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/26/25 19:53	1

Lab Sample ID: LCS 860-258042/104
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.09434		mg/L		94	90 - 110		

Lab Sample ID: LCS 860-258042/25
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.09996		mg/L		100	90 - 110		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: LCS 860-258042/65
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.100	0.1024		mg/L		102	90 - 110		

Lab Sample ID: LCSD 860-258042/105
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.09676		mg/L		97	90 - 110	3	20

Lab Sample ID: LCSD 860-258042/26
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.1046		mg/L		105	90 - 110	5	20

Lab Sample ID: LCSD 860-258042/66
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.1033		mg/L		103	90 - 110	1	20

Lab Sample ID: LLCS 860-258042/27
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.00500	0.004909	J	mg/L		98	50 - 150		

Lab Sample ID: 860-109722-2 MS
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Dup-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	0.00522		0.100	0.1035		mg/L		98	90 - 110		

Lab Sample ID: 860-109722-2 MSD
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Dup-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.00522		0.100	0.1037		mg/L		98	90 - 110	0	20

Lab Sample ID: 860-109722-8 MS
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Dup-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	0.00783		0.100	0.1116		mg/L		104	90 - 110		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: 860-109722-8 MSD
Matrix: Water
Analysis Batch: 258042

Client Sample ID: Dup-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.00783		0.100	0.1128		mg/L		105	90 - 110	1	20

Lab Sample ID: 860-109722-9 MS
Matrix: Water
Analysis Batch: 258042

Client Sample ID: TMW-46
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00593		0.100	0.1054		mg/L		100	90 - 110

Lab Sample ID: 860-109722-9 MSD
Matrix: Water
Analysis Batch: 258042

Client Sample ID: TMW-46
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.00593		0.100	0.1079		mg/L		102	90 - 110	2	20

Lab Sample ID: MB 860-260144/24
Matrix: Water
Analysis Batch: 260144

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			09/04/25 16:03	1

Lab Sample ID: LCS 860-260144/25
Matrix: Water
Analysis Batch: 260144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.09670		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-260144/26
Matrix: Water
Analysis Batch: 260144

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.09760		mg/L		98	90 - 110	1	20

Lab Sample ID: LLCS 860-260144/27
Matrix: Water
Analysis Batch: 260144

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.004884	J	mg/L		98	50 - 150

Lab Sample ID: 860-109722-1 MS
Matrix: Water
Analysis Batch: 260144

Client Sample ID: TMW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00241	J	0.100	0.1051		mg/L		103	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: 860-109722-1 MSD
Matrix: Water
Analysis Batch: 260144

Client Sample ID: TMW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.00241	J	0.100	0.1093		mg/L					

Lab Sample ID: 860-109722-2 MS
Matrix: Water
Analysis Batch: 260144

Client Sample ID: Dup-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00559		0.100	0.1105		mg/L		105	90 - 110

Lab Sample ID: 860-109722-2 MSD
Matrix: Water
Analysis Batch: 260144

Client Sample ID: Dup-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.00559		0.100	0.1109		mg/L		105	90 - 110	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-258600/3
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 11:13	1

Lab Sample ID: MB 860-258600/36
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 14:28	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/28/25 14:28	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/28/25 14:28	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 14:28	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/28/25 14:28	1

Lab Sample ID: LCS 860-258600/37
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	251.8		mg/L		101	85 - 115

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 860-258600/4
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	249.1		mg/L		100	85 - 115		

Lab Sample ID: LCSD 860-258600/38
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	250.7		mg/L		100	85 - 115	0	20

Lab Sample ID: LCSD 860-258600/5
Matrix: Water
Analysis Batch: 258600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	239.8		mg/L		96	85 - 115	5	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258470/1
Matrix: Water
Analysis Batch: 258470

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/28/25 11:47	1

Lab Sample ID: LCS 860-258470/2
Matrix: Water
Analysis Batch: 258470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1100		mg/L		110	80 - 120		

Lab Sample ID: 860-109722-1 DU
Matrix: Water
Analysis Batch: 258470

Client Sample ID: TMW-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	6460			5920		mg/L				9	10

Lab Sample ID: 860-109722-2 DU
Matrix: Water
Analysis Batch: 258470

Client Sample ID: Dup-04
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	6740			6472		mg/L				4	10

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

GC/MS VOA

Analysis Batch: 257577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	8260D SIM	
860-109722-2	Dup-04	Total/NA	Water	8260D SIM	
860-109722-3	TMW-45	Total/NA	Water	8260D SIM	
860-109722-4	Dup-02	Total/NA	Water	8260D SIM	
MB 860-257577/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-257577/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-257577/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 257668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	8260D	
860-109722-2	Dup-04	Total/NA	Water	8260D	
860-109722-3	TMW-45	Total/NA	Water	8260D	
860-109722-4	Dup-02	Total/NA	Water	8260D	
860-109722-5	TMW-15	Total/NA	Water	8260D	
860-109722-6	TMW-13	Total/NA	Water	8260D	
860-109722-7	TMW-33	Total/NA	Water	8260D	
860-109722-8	Dup-03	Total/NA	Water	8260D	
860-109722-9	TMW-46	Total/NA	Water	8260D	
860-109722-10	Dup-1	Total/NA	Water	8260D	
MB 860-257668/9	Method Blank	Total/NA	Water	8260D	
LCS 860-257668/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-257668/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-109722-1 MS	TMW-31	Total/NA	Water	8260D	

Analysis Batch: 257870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-5	TMW-15	Total/NA	Water	8260D SIM	
860-109722-6	TMW-13	Total/NA	Water	8260D SIM	
860-109722-7	TMW-33	Total/NA	Water	8260D SIM	
860-109722-8	Dup-03	Total/NA	Water	8260D SIM	
860-109722-9	TMW-46	Total/NA	Water	8260D SIM	
860-109722-10	Dup-1	Total/NA	Water	8260D SIM	
MB 860-257870/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-257870/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-257870/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

GC/MS Semi VOA

Prep Batch: 257518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	3511	
860-109722-2	Dup-04	Total/NA	Water	3511	
860-109722-3	TMW-45	Total/NA	Water	3511	
860-109722-4	Dup-02	Total/NA	Water	3511	
860-109722-5	TMW-15	Total/NA	Water	3511	
860-109722-6	TMW-13	Total/NA	Water	3511	
MB 860-257518/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257518/2-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257518/3-A	Lab Control Sample Dup	Total/NA	Water	3511	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

GC/MS Semi VOA

Prep Batch: 257521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-7	TMW-33	Total/NA	Water	3511	
860-109722-8	Dup-03	Total/NA	Water	3511	
860-109722-9	TMW-46	Total/NA	Water	3511	
860-109722-10	Dup-1	Total/NA	Water	3511	
MB 860-257521/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257521/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-257521/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257521/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-257521/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257518/1-A	Method Blank	Total/NA	Water	8270E	257518
LCS 860-257518/2-A	Lab Control Sample	Total/NA	Water	8270E	257518
LCSD 860-257518/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	257518

Analysis Batch: 257749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	8270E	257518
860-109722-2	Dup-04	Total/NA	Water	8270E	257518
860-109722-3	TMW-45	Total/NA	Water	8270E	257518
860-109722-4	Dup-02	Total/NA	Water	8270E	257518
860-109722-5	TMW-15	Total/NA	Water	8270E	257518
860-109722-6	TMW-13	Total/NA	Water	8270E	257518

Analysis Batch: 258029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-7	TMW-33	Total/NA	Water	8270E	257521
860-109722-8	Dup-03	Total/NA	Water	8270E	257521
860-109722-9	TMW-46	Total/NA	Water	8270E	257521
860-109722-10	Dup-1	Total/NA	Water	8270E	257521
MB 860-257521/1-A	Method Blank	Total/NA	Water	8270E	257521
LCS 860-257521/2-A	Lab Control Sample	Total/NA	Water	8270E	257521
LCS 860-257521/4-A	Lab Control Sample	Total/NA	Water	8270E	257521
LCSD 860-257521/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	257521
LCSD 860-257521/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	257521

GC Semi VOA

Prep Batch: 257054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	3511	
860-109722-2	Dup-04	Total/NA	Water	3511	
860-109722-3	TMW-45	Total/NA	Water	3511	
860-109722-4	Dup-02	Total/NA	Water	3511	
860-109722-5	TMW-15	Total/NA	Water	3511	
860-109722-6	TMW-13	Total/NA	Water	3511	
860-109722-7	TMW-33	Total/NA	Water	3511	
860-109722-8	Dup-03	Total/NA	Water	3511	
860-109722-9	TMW-46	Total/NA	Water	3511	
MB 860-257054/1-A	Method Blank	Total/NA	Water	3511	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

GC Semi VOA (Continued)

Prep Batch: 257054 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-257054/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257054/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 257056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-10	Dup-1	Total/NA	Water	3511	
MB 860-257056/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-257056/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-257056/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 257383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	8082A	257054
860-109722-2	Dup-04	Total/NA	Water	8082A	257054
860-109722-3	TMW-45	Total/NA	Water	8082A	257054
860-109722-4	Dup-02	Total/NA	Water	8082A	257054
860-109722-5	TMW-15	Total/NA	Water	8082A	257054
860-109722-6	TMW-13	Total/NA	Water	8082A	257054
860-109722-7	TMW-33	Total/NA	Water	8082A	257054
860-109722-8	Dup-03	Total/NA	Water	8082A	257054
860-109722-9	TMW-46	Total/NA	Water	8082A	257054
860-109722-10	Dup-1	Total/NA	Water	8082A	257056
MB 860-257054/1-A	Method Blank	Total/NA	Water	8082A	257054
MB 860-257056/1-A	Method Blank	Total/NA	Water	8082A	257056
LCS 860-257054/4-A	Lab Control Sample	Total/NA	Water	8082A	257054
LCS 860-257056/4-A	Lab Control Sample	Total/NA	Water	8082A	257056
LCSD 860-257054/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	257054
LCSD 860-257056/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	257056

HPLC/IC

Analysis Batch: 256933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	300.0	
860-109722-1 - DL	TMW-31	Total/NA	Water	300.0	
860-109722-2	Dup-04	Total/NA	Water	300.0	
860-109722-2 - DL	Dup-04	Total/NA	Water	300.0	
860-109722-3	TMW-45	Total/NA	Water	300.0	
860-109722-3 - DL	TMW-45	Total/NA	Water	300.0	
860-109722-4	Dup-02	Total/NA	Water	300.0	
860-109722-4 - DL	Dup-02	Total/NA	Water	300.0	
860-109722-5	TMW-15	Total/NA	Water	300.0	
860-109722-5 - DL	TMW-15	Total/NA	Water	300.0	
860-109722-6	TMW-13	Total/NA	Water	300.0	
860-109722-6 - DL	TMW-13	Total/NA	Water	300.0	
860-109722-7	TMW-33	Total/NA	Water	300.0	
860-109722-7 - DL	TMW-33	Total/NA	Water	300.0	
860-109722-8	Dup-03	Total/NA	Water	300.0	
860-109722-8 - DL	Dup-03	Total/NA	Water	300.0	
860-109722-9	TMW-46	Total/NA	Water	300.0	
860-109722-10	Dup-1	Total/NA	Water	300.0	

QC Association Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-1
Project/Site: EBDU 37

HPLC/IC (Continued)

Analysis Batch: 256933 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256933/3	Method Blank	Total/NA	Water	300.0	
MB 860-256933/65	Method Blank	Total/NA	Water	300.0	
LCS 860-256933/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-256933/66	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256933/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-256933/67	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256933/7	Lab Control Sample	Total/NA	Water	300.0	
860-109722-10 MS	Dup-1	Total/NA	Water	300.0	
860-109722-10 MSD	Dup-1	Total/NA	Water	300.0	

Analysis Batch: 256934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	300.0	
860-109722-2	Dup-04	Total/NA	Water	300.0	
860-109722-3	TMW-45	Total/NA	Water	300.0	
860-109722-4	Dup-02	Total/NA	Water	300.0	
860-109722-5	TMW-15	Total/NA	Water	300.0	
860-109722-6	TMW-13	Total/NA	Water	300.0	
860-109722-7	TMW-33	Total/NA	Water	300.0	
860-109722-8	Dup-03	Total/NA	Water	300.0	
860-109722-9	TMW-46	Total/NA	Water	300.0	
860-109722-10	Dup-1	Total/NA	Water	300.0	
MB 860-256934/3	Method Blank	Total/NA	Water	300.0	
MB 860-256934/65	Method Blank	Total/NA	Water	300.0	
LCS 860-256934/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-256934/66	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-256934/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-256934/67	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-256934/6	Lab Control Sample	Total/NA	Water	300.0	
860-109722-10 MS	Dup-1	Total/NA	Water	300.0	
860-109722-10 MSD	Dup-1	Total/NA	Water	300.0	

Metals

Prep Batch: 257813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-7	TMW-33	Total/NA	Water	3010A	
MB 860-257813/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-257813/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257813/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 258062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-4	Dup-02	Total/NA	Water	3010A	
860-109722-7	TMW-33	Total/NA	Water	3010A	
860-109722-8	Dup-03	Total/NA	Water	3010A	
860-109722-10	Dup-1	Total/NA	Water	3010A	
MB 860-258062/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258062/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258062/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Metals

Prep Batch: 258070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	3010A	
860-109722-2	Dup-04	Total/NA	Water	3010A	
860-109722-5	TMW-15	Total/NA	Water	3010A	
860-109722-6	TMW-13	Total/NA	Water	3010A	
860-109722-9	TMW-46	Total/NA	Water	3010A	
MB 860-258070/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258070/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258070/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 258091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	6010D	258070
860-109722-1	TMW-31	Total/NA	Water	6010D	258070
860-109722-2	Dup-04	Total/NA	Water	6010D	258070
860-109722-2	Dup-04	Total/NA	Water	6010D	258070
860-109722-5	TMW-15	Total/NA	Water	6010D	258070
860-109722-5	TMW-15	Total/NA	Water	6010D	258070
860-109722-6	TMW-13	Total/NA	Water	6010D	258070
860-109722-6	TMW-13	Total/NA	Water	6010D	258070
860-109722-9	TMW-46	Total/NA	Water	6010D	258070
860-109722-9	TMW-46	Total/NA	Water	6010D	258070
MB 860-258070/1-A	Method Blank	Total/NA	Water	6010D	258070
LCS 860-258070/2-A	Lab Control Sample	Total/NA	Water	6010D	258070
LCSD 860-258070/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258070

Prep Batch: 258132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	7470A	
860-109722-2	Dup-04	Total/NA	Water	7470A	
860-109722-4	Dup-02	Total/NA	Water	7470A	
860-109722-5	TMW-15	Total/NA	Water	7470A	
860-109722-6	TMW-13	Total/NA	Water	7470A	
860-109722-7	TMW-33	Total/NA	Water	7470A	
860-109722-8	Dup-03	Total/NA	Water	7470A	
860-109722-9	TMW-46	Total/NA	Water	7470A	
860-109722-10	Dup-1	Total/NA	Water	7470A	
MB 860-258132/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-258132/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-258132/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 258317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	7470A	258132
860-109722-2	Dup-04	Total/NA	Water	7470A	258132
860-109722-4	Dup-02	Total/NA	Water	7470A	258132
860-109722-5	TMW-15	Total/NA	Water	7470A	258132
860-109722-6	TMW-13	Total/NA	Water	7470A	258132
860-109722-7	TMW-33	Total/NA	Water	7470A	258132
860-109722-8	Dup-03	Total/NA	Water	7470A	258132
860-109722-9	TMW-46	Total/NA	Water	7470A	258132
860-109722-10	Dup-1	Total/NA	Water	7470A	258132

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Metals (Continued)

Analysis Batch: 258317 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-258132/1-A	Method Blank	Total/NA	Water	7470A	258132
LCS 860-258132/2-A	Lab Control Sample	Total/NA	Water	7470A	258132
LCSD 860-258132/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	258132

Analysis Batch: 258355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-4	Dup-02	Total/NA	Water	6010D	258062
860-109722-4	Dup-02	Total/NA	Water	6010D	258062
860-109722-7	TMW-33	Total/NA	Water	6010D	258062
860-109722-7	TMW-33	Total/NA	Water	6010D	258062
860-109722-8	Dup-03	Total/NA	Water	6010D	258062
860-109722-8	Dup-03	Total/NA	Water	6010D	258062
860-109722-10	Dup-1	Total/NA	Water	6010D	258062
860-109722-10	Dup-1	Total/NA	Water	6010D	258062
MB 860-258062/1-A	Method Blank	Total/NA	Water	6010D	258062
LCS 860-258062/2-A	Lab Control Sample	Total/NA	Water	6010D	258062
LCSD 860-258062/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258062

Prep Batch: 258443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-3	TMW-45	Total/NA	Water	3010A	
860-109722-4	Dup-02	Total/NA	Water	3010A	
860-109722-8	Dup-03	Total/NA	Water	3010A	
860-109722-10	Dup-1	Total/NA	Water	3010A	
MB 860-258443/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258443/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258443/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 258464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-7	TMW-33	Total/NA	Water	6020B	257813
860-109722-7	TMW-33	Total/NA	Water	6020B	257813
MB 860-257813/1-A	Method Blank	Total/NA	Water	6020B	257813
LCS 860-257813/2-A	Lab Control Sample	Total/NA	Water	6020B	257813
LCSD 860-257813/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	257813

Prep Batch: 258506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	3010A	
860-109722-2	Dup-04	Total/NA	Water	3010A	
860-109722-5	TMW-15	Total/NA	Water	3010A	
860-109722-6	TMW-13	Total/NA	Water	3010A	
860-109722-9	TMW-46	Total/NA	Water	3010A	
MB 860-258506/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258506/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258506/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 258507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-3	TMW-45	Total/NA	Water	3010A	
MB 860-258507/1-A	Method Blank	Total/NA	Water	3010A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Metals (Continued)

Prep Batch: 258507 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-258507/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258507/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 258748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-7	TMW-33	Total/NA	Water	6020B	257813
MB 860-257813/1-A	Method Blank	Total/NA	Water	6020B	257813
LCS 860-257813/2-A	Lab Control Sample	Total/NA	Water	6020B	257813
LCSD 860-257813/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	257813

Analysis Batch: 258794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-3	TMW-45	Total/NA	Water	6020B	258443
860-109722-3	TMW-45	Total/NA	Water	6020B	258443
860-109722-4	Dup-02	Total/NA	Water	6020B	258443
860-109722-8	Dup-03	Total/NA	Water	6020B	258443
860-109722-10	Dup-1	Total/NA	Water	6020B	258443
MB 860-258443/1-A	Method Blank	Total/NA	Water	6020B	258443
LCS 860-258443/2-A	Lab Control Sample	Total/NA	Water	6020B	258443
LCSD 860-258443/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	258443

Analysis Batch: 258837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-3	TMW-45	Total/NA	Water	6010D	258507
860-109722-3	TMW-45	Total/NA	Water	6010D	258507
MB 860-258507/1-A	Method Blank	Total/NA	Water	6010D	258507
LCS 860-258507/2-A	Lab Control Sample	Total/NA	Water	6010D	258507
LCSD 860-258507/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258507

Prep Batch: 259083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-3	TMW-45	Total/NA	Water	7470A	
MB 860-259083/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-259083/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-259083/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 259169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-3	TMW-45	Total/NA	Water	6020B	258443
860-109722-4	Dup-02	Total/NA	Water	6020B	258443
860-109722-8	Dup-03	Total/NA	Water	6020B	258443
860-109722-10	Dup-1	Total/NA	Water	6020B	258443

Analysis Batch: 259170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	6020B	258506
860-109722-2	Dup-04	Total/NA	Water	6020B	258506
860-109722-5	TMW-15	Total/NA	Water	6020B	258506
860-109722-6	TMW-13	Total/NA	Water	6020B	258506
860-109722-9	TMW-46	Total/NA	Water	6020B	258506
MB 860-258506/1-A	Method Blank	Total/NA	Water	6020B	258506

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Metals (Continued)

Analysis Batch: 259170 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-258506/2-A	Lab Control Sample	Total/NA	Water	6020B	258506
LCSD 860-258506/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	258506

Analysis Batch: 259252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	6020B	258506
860-109722-2	Dup-04	Total/NA	Water	6020B	258506
860-109722-5	TMW-15	Total/NA	Water	6020B	258506
860-109722-6	TMW-13	Total/NA	Water	6020B	258506
860-109722-9	TMW-46	Total/NA	Water	6020B	258506
MB 860-258506/1-A	Method Blank	Total/NA	Water	6020B	258506
LCS 860-258506/2-A	Lab Control Sample	Total/NA	Water	6020B	258506
LCSD 860-258506/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	258506

Analysis Batch: 259380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-3	TMW-45	Total/NA	Water	7470A	259083
MB 860-259083/1-A	Method Blank	Total/NA	Water	7470A	259083
LCS 860-259083/2-A	Lab Control Sample	Total/NA	Water	7470A	259083
LCSD 860-259083/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	259083

General Chemistry

Analysis Batch: 257362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	SM 1030E	
860-109722-2	Dup-04	Total/NA	Water	SM 1030E	
860-109722-3	TMW-45	Total/NA	Water	SM 1030E	
860-109722-4	Dup-02	Total/NA	Water	SM 1030E	
860-109722-5	TMW-15	Total/NA	Water	SM 1030E	
860-109722-6	TMW-13	Total/NA	Water	SM 1030E	
860-109722-7	TMW-33	Total/NA	Water	SM 1030E	
860-109722-8	Dup-03	Total/NA	Water	SM 1030E	
860-109722-9	TMW-46	Total/NA	Water	SM 1030E	
860-109722-10	Dup-1	Total/NA	Water	SM 1030E	

Analysis Batch: 257637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	420.4	
860-109722-2	Dup-04	Total/NA	Water	420.4	
860-109722-3	TMW-45	Total/NA	Water	420.4	
860-109722-4	Dup-02	Total/NA	Water	420.4	
860-109722-5	TMW-15	Total/NA	Water	420.4	
860-109722-6	TMW-13	Total/NA	Water	420.4	
860-109722-7	TMW-33	Total/NA	Water	420.4	
860-109722-8	Dup-03	Total/NA	Water	420.4	
860-109722-9	TMW-46	Total/NA	Water	420.4	
860-109722-10	Dup-1	Total/NA	Water	420.4	
MB 860-257637/16	Method Blank	Total/NA	Water	420.4	
MB 860-257637/55	Method Blank	Total/NA	Water	420.4	
LCS 860-257637/17	Lab Control Sample	Total/NA	Water	420.4	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

General Chemistry (Continued)

Analysis Batch: 257637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-257637/56	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-257637/18	Lab Control Sample Dup	Total/NA	Water	420.4	
LCSD 860-257637/57	Lab Control Sample Dup	Total/NA	Water	420.4	
860-109722-4 MS	Dup-02	Total/NA	Water	420.4	
860-109722-4 MSD	Dup-02	Total/NA	Water	420.4	
860-109722-5 MS	TMW-15	Total/NA	Water	420.4	
860-109722-5 MSD	TMW-15	Total/NA	Water	420.4	

Analysis Batch: 258042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	Kelada 01	
860-109722-2	Dup-04	Total/NA	Water	Kelada 01	
860-109722-3	TMW-45	Total/NA	Water	Kelada 01	
860-109722-5	TMW-15	Total/NA	Water	Kelada 01	
860-109722-6	TMW-13	Total/NA	Water	Kelada 01	
860-109722-7	TMW-33	Total/NA	Water	Kelada 01	
860-109722-8	Dup-03	Total/NA	Water	Kelada 01	
860-109722-9	TMW-46	Total/NA	Water	Kelada 01	
860-109722-10	Dup-1	Total/NA	Water	Kelada 01	
MB 860-258042/103	Method Blank	Total/NA	Water	Kelada 01	
MB 860-258042/24	Method Blank	Total/NA	Water	Kelada 01	
MB 860-258042/64	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-258042/104	Lab Control Sample	Total/NA	Water	Kelada 01	
LCS 860-258042/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCS 860-258042/65	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-258042/105	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LCSD 860-258042/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LCSD 860-258042/66	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-258042/27	Lab Control Sample	Total/NA	Water	Kelada 01	
860-109722-2 MS	Dup-04	Total/NA	Water	Kelada 01	
860-109722-2 MSD	Dup-04	Total/NA	Water	Kelada 01	
860-109722-8 MS	Dup-03	Total/NA	Water	Kelada 01	
860-109722-8 MSD	Dup-03	Total/NA	Water	Kelada 01	
860-109722-9 MS	TMW-46	Total/NA	Water	Kelada 01	
860-109722-9 MSD	TMW-46	Total/NA	Water	Kelada 01	

Analysis Batch: 258470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	SM 2540C	
860-109722-2	Dup-04	Total/NA	Water	SM 2540C	
860-109722-3	TMW-45	Total/NA	Water	SM 2540C	
860-109722-4	Dup-02	Total/NA	Water	SM 2540C	
860-109722-5	TMW-15	Total/NA	Water	SM 2540C	
860-109722-6	TMW-13	Total/NA	Water	SM 2540C	
860-109722-7	TMW-33	Total/NA	Water	SM 2540C	
860-109722-8	Dup-03	Total/NA	Water	SM 2540C	
860-109722-9	TMW-46	Total/NA	Water	SM 2540C	
860-109722-10	Dup-1	Total/NA	Water	SM 2540C	
MB 860-258470/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258470/2	Lab Control Sample	Total/NA	Water	SM 2540C	
860-109722-1 DU	TMW-31	Total/NA	Water	SM 2540C	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

General Chemistry (Continued)

Analysis Batch: 258470 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-2 DU	Dup-04	Total/NA	Water	SM 2540C	

Analysis Batch: 258600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	SM 2320B	
860-109722-2	Dup-04	Total/NA	Water	SM 2320B	
860-109722-3	TMW-45	Total/NA	Water	SM 2320B	
860-109722-4	Dup-02	Total/NA	Water	SM 2320B	
860-109722-5	TMW-15	Total/NA	Water	SM 2320B	
860-109722-6	TMW-13	Total/NA	Water	SM 2320B	
860-109722-7	TMW-33	Total/NA	Water	SM 2320B	
860-109722-8	Dup-03	Total/NA	Water	SM 2320B	
860-109722-9	TMW-46	Total/NA	Water	SM 2320B	
860-109722-10	Dup-1	Total/NA	Water	SM 2320B	
MB 860-258600/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-258600/36	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258600/37	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-258600/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258600/38	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-258600/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 258618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	9040C	
860-109722-2	Dup-04	Total/NA	Water	9040C	
860-109722-3	TMW-45	Total/NA	Water	9040C	
860-109722-4	Dup-02	Total/NA	Water	9040C	
860-109722-5	TMW-15	Total/NA	Water	9040C	
860-109722-6	TMW-13	Total/NA	Water	9040C	
860-109722-7	TMW-33	Total/NA	Water	9040C	
860-109722-8	Dup-03	Total/NA	Water	9040C	
860-109722-9	TMW-46	Total/NA	Water	9040C	
860-109722-10	Dup-1	Total/NA	Water	9040C	

Analysis Batch: 260144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-4	Dup-02	Total/NA	Water	Kelada 01	
MB 860-260144/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-260144/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-260144/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-260144/27	Lab Control Sample	Total/NA	Water	Kelada 01	
860-109722-1 MS	TMW-31	Total/NA	Water	Kelada 01	
860-109722-1 MSD	TMW-31	Total/NA	Water	Kelada 01	
860-109722-2 MS	Dup-04	Total/NA	Water	Kelada 01	
860-109722-2 MSD	Dup-04	Total/NA	Water	Kelada 01	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-31

Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 10:26	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257577	08/26/25 08:33	NA	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 18:33	LPL	EET HOU
Total/NA	Prep	3511			39.8 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 15:24	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 15:42	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 15:42	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 15:50	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			258091	08/27/25 17:13	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			258091	08/27/25 17:20	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 22:51	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:15	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:26	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:31	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:22	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 18:44	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:20	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:23	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: Dup-04

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 10:46	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257577	08/26/25 08:53	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 19:01	LPL	EET HOU
Total/NA	Prep	3511			40.4 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 15:35	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 16:23	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 16:23	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 16:31	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			258091	08/27/25 17:25	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-04

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			258091	08/27/25 17:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 22:54	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:18	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:28	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:34	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:25	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 20:02	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:28	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:29	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: TMW-45

Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 11:07	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257577	08/26/25 09:14	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 19:30	LPL	EET HOU
Total/NA	Prep	3511			40.4 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 15:46	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 16:39	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 16:39	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 16:47	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 14:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258507	08/28/25 13:28	MD	EET HOU
Total/NA	Analysis	6010D		50			258837	08/29/25 14:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		1			258794	08/29/25 03:25	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		5			258794	08/29/25 03:28	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		10			259169	08/29/25 16:50	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	259083	09/02/25 07:28	AGR	EET HOU
Total/NA	Analysis	7470A		1			259380	09/02/25 21:39	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:37	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:30	VS	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-45
Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 19:30	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/29/25 14:41	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:35	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: Dup-02
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 11:27	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257577	08/26/25 09:34	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 19:58	LPL	EET HOU
Total/NA	Prep	3511			39.6 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 15:58	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 16:55	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 16:55	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 17:03	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:21	MD	EET HOU
Total/NA	Analysis	6010D		1			258355	08/27/25 17:51	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:21	MD	EET HOU
Total/NA	Analysis	6010D		50			258355	08/27/25 17:57	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		1			258794	08/29/25 03:19	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		10			259169	08/29/25 16:48	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:31	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 17:58	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:32	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	260144	09/04/25 16:48	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:57	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:41	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: TMW-15
Date Collected: 08/21/25 13:10
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 11:48	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257870	08/27/25 10:02	NA	EET HOU

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Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-15

Date Collected: 08/21/25 13:10
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			69.7 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 20:26	LPL	EET HOU
Total/NA	Prep	3511			40.4 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 16:09	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 17:11	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 17:11	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 17:19	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			258091	08/27/25 17:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			258091	08/27/25 17:17	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 22:57	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:21	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:32	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 18:06	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 15:46	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 18:47	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:17	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:47	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: TMW-13

Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 12:08	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257870	08/27/25 10:23	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257518	08/25/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	257749	08/26/25 20:54	LPL	EET HOU
Total/NA	Prep	3511			40.3 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 16:21	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 17:27	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 17:27	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 17:35	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			258091	08/27/25 17:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			258091	08/27/25 17:15	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-13

Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 23:00	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:24	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:33	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 18:14	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 15:41	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 18:50	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:15	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:53	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: TMW-33

Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 12:29	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257870	08/27/25 10:43	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257521	08/25/25 13:59	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	258029	08/27/25 15:54	EM	EET HOU
Total/NA	Prep	3511			40.6 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 16:33	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 18:32	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 18:32	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 18:40	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:21	MD	EET HOU
Total/NA	Analysis	6010D		1			258355	08/27/25 17:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:21	MD	EET HOU
Total/NA	Analysis	6010D		50			258355	08/27/25 17:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020B		1			258464	08/28/25 05:50	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020B		5			258464	08/28/25 05:54	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020B		5			258748	08/28/25 16:11	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:35	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 18:27	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 15:38	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 18:53	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:54	MC	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-33
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:59	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: Dup-03
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 12:49	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257870	08/27/25 11:04	NA	EET HOU
Total/NA	Prep	3511			69.8 mL	4 mL	257521	08/25/25 13:59	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	258029	08/27/25 16:22	EM	EET HOU
Total/NA	Prep	3511			39.6 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 16:44	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 19:32	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 19:32	HN	EET HOU
Total/NA	Analysis	300.0	DL	10			256933	08/22/25 19:40	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:23	MD	EET HOU
Total/NA	Analysis	6010D		1			258355	08/27/25 17:52	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:23	MD	EET HOU
Total/NA	Analysis	6010D		50			258355	08/27/25 17:58	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		1			258794	08/29/25 03:31	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		10			259169	08/29/25 16:54	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:36	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 18:30	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:18	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 18:05	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:58	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 13:09	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: TMW-46
Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 13:10	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257870	08/27/25 11:24	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257521	08/25/25 13:59	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	258029	08/27/25 17:03	EM	EET HOU

Eurofins Houston

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: TMW-46

Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3511			39.7 mL	5 mL	257054	08/22/25 13:52	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 16:56	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 19:48	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 19:48	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			258091	08/27/25 17:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258070	08/27/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			258091	08/27/25 17:18	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		1			259170	08/29/25 23:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258506	08/28/25 14:30	MD	EET HOU
Total/NA	Analysis	6020B		5			259252	09/02/25 13:33	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:37	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 18:33	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:20	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 18:14	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:18	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 13:15	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Client Sample ID: Dup-1

Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	257668	08/26/25 13:30	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	257870	08/27/25 11:45	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	257521	08/25/25 13:59	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	258029	08/27/25 17:31	EM	EET HOU
Total/NA	Prep	3511			43.4 mL	5 mL	257056	08/22/25 13:53	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	257383	08/25/25 17:07	WP	EET HOU
Total/NA	Analysis	300.0		1			256933	08/22/25 20:28	HN	EET HOU
Total/NA	Analysis	300.0		1			256934	08/22/25 20:28	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:21	MD	EET HOU
Total/NA	Analysis	6010D		1			258355	08/27/25 17:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258062	08/27/25 11:21	MD	EET HOU
Total/NA	Analysis	6010D		50			258355	08/27/25 17:55	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		1			258794	08/29/25 03:34	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258443	08/28/25 10:50	MD	EET HOU
Total/NA	Analysis	6020B		10			259169	08/29/25 16:57	DP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Client Sample ID: Dup-1
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Lab Sample ID: 860-109722-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	258132	08/27/25 13:07	AGR	EET HOU
Total/NA	Analysis	7470A		1			258317	08/27/25 20:39	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	257637	08/25/25 18:35	BW	EET HOU
Total/NA	Analysis	9040C		1			258618	08/28/25 16:13	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258042	08/26/25 22:32	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			257362	08/27/25 17:55	MC	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 16:26	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	258470	08/28/25 11:47	AP	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109722-1	TMW-31	Water	08/21/25 11:20	08/22/25 09:10	Texas
860-109722-2	Dup-04	Water	08/21/25 00:00	08/22/25 09:10	Texas
860-109722-3	TMW-45	Water	08/21/25 08:50	08/22/25 09:10	Texas
860-109722-4	Dup-02	Water	08/21/25 00:00	08/22/25 09:10	Texas
860-109722-5	TMW-15	Water	08/21/25 13:10	08/22/25 09:10	Texas
860-109722-6	TMW-13	Water	08/21/25 13:20	08/22/25 09:10	Texas
860-109722-7	TMW-33	Water	08/21/25 11:20	08/22/25 09:10	Texas
860-109722-8	Dup-03	Water	08/21/25 00:00	08/22/25 09:10	Texas
860-109722-9	TMW-46	Water	08/21/25 09:00	08/22/25 09:10	Texas
860-109722-10	Dup-1	Water	08/21/25 00:00	08/22/25 09:10	Texas

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Received by OCD: 11/20/2025 2:07:34 PM

9/9/2025

Released to Imaging: 3/12/2026 2:34:23 PM

Chain of Custody Record

eurofins

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Client Information

Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Calion_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOC6	8260D_SIM_EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-31	8.21.25	1120	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
Dup-04	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-109722 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:	
Relinquished by:	Date/Time: 8.21.25 1520	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-22-25 910	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: 2.9/2.6		

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

9/9/2025

Released to Imaging: 3/12/2026 2:34:23 PM

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049 1
Page: Page 1 of 10
Job #:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-45	8-21-25	0850	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
Dup-02a	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:
Relinquished by: Date/Time: 8-21-25 1520 Company
Relinquished by: Date/Time: Company
Relinquished by: Date/Time: Company

Method of Shipment:
Date: Time:
Received by: Date/Time: Company
Received by: Nuevo Date/Time: 9-22-25 910 Company
Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.3 / 3.1

Ver: 05/06/2024

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9/9/2025

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Released to Imaging: 3/12/2026 2:34:23 PM

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-15	8.21.25	1310	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-13	V	1320	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Other

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	8-21-25 1520		Received by:		
Relinquished by:			Received by: Nuevo	8-22-25 910	
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.4/3.2

Ver 05/06/2024

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Client Information

Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Calion_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM+EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-33	8.21.25	1120	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	2	
DUP-3	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	2	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I II III IV Other (specify)

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	8.21.25 1520				
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8.22.25 910	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.5 / 3.3

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM
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Received by OCD: 11/20/2025 2:07:34 PM

9/9/2025

Released to Imaging: 3/12/2026 2:34:23 PM

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-46	8-21-25	0900	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	2	
DUP-1	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	6	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I II III, IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:		Date/Time: 8 21 25 1520	Company	Received by:		Date/Time:	Company
Relinquished by:		Date/Time:	Company	Received by:		Date/Time: 8-22-25 910	Company
Relinquished by:		Date/Time:	Company	Received by:		Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.			Cooler Temperature(s) °C and Other Remarks:		2.5	

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109722-1

Login Number: 109722 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.
Eurofins Houston

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/24/2025 10:18:23 AM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-109722-2

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/24/2025 10:18:23 AM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-109722-2

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-2
Project/Site: EBDU 37

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-2
Project: EBDU 37

Job ID: 860-109722-2 Eurofins Houston

Job Narrative
860-109722-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/22/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 2.3°C, 2.6°C, 3.1°C, 3.2°C and 3.3°C.

Receipt Exceptions
Multiple containers for the following samples were received empty because the lids came off in transit.We still have enough volume to run the requested analyses.:

Affected containers:
B-2
A-6

The reference method requires samples to have a pH of less than 2. The following sample was received with a pH of 7: Dup-03 (860-109722-8). The sample was adjusted to the appropriate pH in the laboratory.

Affected container:
B-8

Gas Flow Proportional Counter
Method 900.0: Gross Alpha Beta Batch 733830

The detection goal was not met for the following samples due to a reduction of the sample size attributed to high residual mass: TMW-31 (860-109722-1), Dup-04 (860-109722-2), TMW-45 (860-109722-3), Dup-02 (860-109722-4), TMW-15 (860-109722-5), TMW-13 (860-109722-6), TMW-33 (860-109722-7), Dup-03 (860-109722-8), TMW-46 (860-109722-9) and Dup-1 (860-109722-10). Analytical results are reported with the detection limit achieved.

Method 903.0: Radium 226 Batch 733824

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. Dup-04 (860-109722-2), TMW-45 (860-109722-3), Dup-02 (860-109722-4), TMW-13 (860-109722-6), TMW-33 (860-109722-7) and Dup-03 (860-109722-8)

Method 904.0: Radium 228 Batch 733823

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. TMW-31 (860-109722-1)

Method 904.0: Radium-228 prep batch 160-733825:

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: Dup-04 (860-109722-2), TMW-45 (860-109722-3), Dup-02 (860-109722-4), TMW-15 (860-109722-5), TMW-13 (860-109722-6), TMW-33 (860-109722-7), Dup-03 (860-109722-8), TMW-46 (860-109722-9) and Dup-1 (860-109722-10) . Analytical results are reported with the detection limit achieved.

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Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-109722-2
Project: EBDU 37

Job ID: 860-109722-2 (Continued) Eurofins Houston

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: TMW-31 **Lab Sample ID: 860-109722-1**

No Detections.

Client Sample ID: Dup-04 **Lab Sample ID: 860-109722-2**

No Detections.

Client Sample ID: TMW-45 **Lab Sample ID: 860-109722-3**

No Detections.

Client Sample ID: Dup-02 **Lab Sample ID: 860-109722-4**

No Detections.

Client Sample ID: TMW-15 **Lab Sample ID: 860-109722-5**

No Detections.

Client Sample ID: TMW-13 **Lab Sample ID: 860-109722-6**

No Detections.

Client Sample ID: TMW-33 **Lab Sample ID: 860-109722-7**

No Detections.

Client Sample ID: Dup-03 **Lab Sample ID: 860-109722-8**

No Detections.

Client Sample ID: TMW-46 **Lab Sample ID: 860-109722-9**

No Detections.

Client Sample ID: Dup-1 **Lab Sample ID: 860-109722-10**

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Houston

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: TMW-31

Lab Sample ID: 860-109722-1
Matrix: Water
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	43.7	U G	42.6	42.9	3.00	68.2	pCi/L	08/27/25 08:26	08/28/25 19:38	1
Gross Beta	**28.6**	**G**	13.6	13.9	4.00	19.2	pCi/L	08/27/25 08:26	08/28/25 19:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.433	U	0.399	0.401	1.00	0.619	pCi/L	08/27/25 08:04	09/23/25 22:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*61.9*		*30 - 110*	*08/27/25 08:04*	*09/23/25 22:44*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.72**	**G**	1.13	1.21	1.00	1.18	pCi/L	08/27/25 08:09	09/23/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*61.9*		*30 - 110*	*08/27/25 08:09*	*09/23/25 09:53*	*1*
Y Carrier	*75.9*		*30 - 110*	*08/27/25 08:09*	*09/23/25 09:53*	*1*

Client Sample ID: Dup-04

Lab Sample ID: 860-109722-2
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	32.8	U G	39.5	39.6	3.00	65.1	pCi/L	08/27/25 08:26	08/28/25 19:38	1
Gross Beta	7.92	U G	11.4	11.4	4.00	18.5	pCi/L	08/27/25 08:26	08/28/25 19:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.914	U G	0.906	0.910	1.00	1.44	pCi/L	08/27/25 08:11	09/23/25 15:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*35.9*		*30 - 110*	*08/27/25 08:11*	*09/23/25 15:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**6.43**	**G**	1.75	1.85	1.00	1.95	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*35.9*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: Dup-04

Lab Sample ID: 860-109722-2
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	80.0		30 - 110	08/27/25 08:17	09/23/25 12:08	1

Client Sample ID: TMW-45

Lab Sample ID: 860-109722-3
Matrix: Water
Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**57.1**	**G**	32.6	33.2	3.00	46.2	pCi/L	08/27/25 08:26	08/28/25 19:38	1
Gross Beta	**32.4**	**G**	11.7	12.2	4.00	15.4	pCi/L	08/27/25 08:26	08/28/25 19:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.75**	**G**	1.38	1.40	1.00	1.78	pCi/L	08/27/25 08:11	09/23/25 15:28	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	36.2		30 - 110	08/27/25 08:11	09/23/25 15:28	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**10.8**	**G**	2.82	2.99	1.00	3.06	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	36.2		30 - 110	08/27/25 08:17	09/23/25 12:08	1
Y Carrier	74.0		30 - 110	08/27/25 08:17	09/23/25 12:08	1

Client Sample ID: Dup-02

Lab Sample ID: 860-109722-4
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	32.7	U G	24.6	24.8	3.00	36.9	pCi/L	08/27/25 08:26	08/28/25 19:38	1
Gross Beta	**18.6**	**G**	8.93	9.12	4.00	12.6	pCi/L	08/27/25 08:26	08/28/25 19:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.30**	**G**	0.904	0.912	1.00	1.28	pCi/L	08/27/25 08:11	09/23/25 15:29	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	46.2		30 - 110	08/27/25 08:11	09/23/25 15:29	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: Dup-02

Lab Sample ID: 860-109722-4
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.53**	**G**	1.80	1.84	1.00	2.35	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*46.2*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Client Sample ID: TMW-15

Lab Sample ID: 860-109722-5
Matrix: Water
Date Collected: 08/21/25 13:10
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	37.7	U G	28.6	28.9	3.00	42.6	pCi/L	08/27/25 08:26	08/28/25 19:38	1
Gross Beta	-6.93	U G	7.84	7.88	4.00	14.7	pCi/L	08/27/25 08:26	08/28/25 19:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.576	U	0.497	0.500	1.00	0.750	pCi/L	08/27/25 08:11	09/23/25 15:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*08/27/25 08:11*	*09/23/25 15:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.55**	**G**	1.09	1.14	1.00	1.28	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*
Y Carrier	*79.6*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Client Sample ID: TMW-13

Lab Sample ID: 860-109722-6
Matrix: Water
Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	9.44	U G	17.4	17.4	3.00	30.4	pCi/L	08/27/25 08:26	08/28/25 19:39	1
Gross Beta	**12.8**	**G**	7.21	7.32	4.00	10.6	pCi/L	08/27/25 08:26	08/28/25 19:39	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: TMW-13

Lab Sample ID: 860-109722-6
Matrix: Water
Date Collected: 08/21/25 13:20
Date Received: 08/22/25 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.304	U G	0.669	0.669	1.00	1.21	pCi/L	08/27/25 08:11	09/23/25 15:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*49.1*		*30 - 110*	*08/27/25 08:11*	*09/23/25 15:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.06	U G	1.40	1.41	1.00	2.10	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*49.1*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Client Sample ID: TMW-33

Lab Sample ID: 860-109722-7
Matrix: Water
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	27.8	U G	37.0	37.1	3.00	61.9	pCi/L	08/27/25 08:26	08/28/25 19:39	1
Gross Beta	**20.8**	**G**	12.6	12.8	4.00	19.0	pCi/L	08/27/25 08:26	08/28/25 19:39	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.875	U G	0.679	0.684	1.00	1.01	pCi/L	08/27/25 08:11	09/23/25 15:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.5*		*30 - 110*	*08/27/25 08:11*	*09/23/25 15:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.92**	**G**	1.43	1.50	1.00	1.68	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.5*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: Dup-03

Lab Sample ID: 860-109722-8
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	40.1	U G	28.7	29.1	3.00	42.4	pCi/L	08/27/25 08:26	08/28/25 19:39	1
Gross Beta	**29.5**	**G**	11.6	12.0	4.00	15.7	pCi/L	08/27/25 08:26	08/28/25 19:39	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.569	U G	0.704	0.706	1.00	1.16	pCi/L	08/27/25 08:11	09/23/25 15:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.3*		*30 - 110*	*08/27/25 08:11*	*09/23/25 15:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.47**	**G**	1.47	1.51	1.00	1.94	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.3*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*
Y Carrier	*78.9*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Client Sample ID: TMW-46

Lab Sample ID: 860-109722-9
Matrix: Water
Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	13.9	U G	13.3	13.4	3.00	21.2	pCi/L	08/27/25 08:26	08/28/25 19:39	1
Gross Beta	**23.8**	**G**	5.78	6.25	4.00	6.91	pCi/L	08/27/25 08:26	08/28/25 19:39	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.27**		0.698	0.707	1.00	0.910	pCi/L	08/27/25 08:11	09/23/25 15:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.1*		*30 - 110*	*08/27/25 08:11*	*09/23/25 15:29*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.36**	**G**	1.15	1.19	1.00	1.39	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.1*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: TMW-46

Lab Sample ID: 860-109722-9
Matrix: Water
Date Collected: 08/21/25 09:00
Date Received: 08/22/25 09:10

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	78.9		30 - 110	08/27/25 08:17	09/23/25 12:08	1

Client Sample ID: Dup-1

Lab Sample ID: 860-109722-10
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Method: EPA 900.0 - Gross Alpha and Gross Beta Radioactivity

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	**22.9**	**G**	10.3	10.6	3.00	13.2	pCi/L	08/27/25 08:26	08/28/25 19:39	1
Gross Beta	4.59	U G	4.10	4.12	4.00	6.25	pCi/L	08/27/25 08:26	08/28/25 19:39	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.423	U	0.532	0.534	1.00	0.882	pCi/L	08/27/25 08:11	09/23/25 19:32	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	66.7		30 - 110	08/27/25 08:11	09/23/25 19:32	1

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.15**	**G**	1.14	1.17	1.00	1.38	pCi/L	08/27/25 08:17	09/23/25 12:09	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	66.7		30 - 110	08/27/25 08:17	09/23/25 12:09	1
Y Carrier	80.7		30 - 110	08/27/25 08:17	09/23/25 12:09	1

Tracer/Carrier Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
860-109722-1	TMW-31	61.9
860-109722-2	Dup-04	35.9
860-109722-3	TMW-45	36.2
860-109722-4	Dup-02	46.2
860-109722-5	TMW-15	81.2
860-109722-6	TMW-13	49.1
860-109722-7	TMW-33	66.5
860-109722-8	Dup-03	52.3
860-109722-9	TMW-46	71.1
860-109722-10	Dup-1	66.7
LCS 160-733822/2-A	Lab Control Sample	87.8
LCS 160-733824/2-A	Lab Control Sample	89.7
MB 160-733822/1-A	Method Blank	91.2
MB 160-733824/1-A	Method Blank	90.5

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
860-109722-1	TMW-31	61.9	75.9
860-109722-2	Dup-04	35.9	80.0
860-109722-3	TMW-45	36.2	74.0
860-109722-4	Dup-02	46.2	80.4
860-109722-5	TMW-15	81.2	79.6
860-109722-6	TMW-13	49.1	80.4
860-109722-7	TMW-33	66.5	80.0
860-109722-8	Dup-03	52.3	78.9
860-109722-9	TMW-46	71.1	78.9
860-109722-10	Dup-1	66.7	80.7
LCS 160-733823/2-A	Lab Control Sample	87.8	81.9
LCS 160-733825/2-A	Lab Control Sample	89.7	77.4
MB 160-733823/1-A	Method Blank	91.2	80.0
MB 160-733825/1-A	Method Blank	90.5	80.4

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Method: 900.0 - Gross Alpha and Gross Beta Radioactivity

Lab Sample ID: MB 160-733830/1-A
Matrix: Water
Analysis Batch: 734026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733830

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Gross Alpha	1.178		0.721	0.734	3.00	1.03	pCi/L	08/27/25 08:26	08/28/25 19:29	1
Gross Beta	1.564		0.680	0.698	4.00	0.954	pCi/L	08/27/25 08:26	08/28/25 19:29	1

Lab Sample ID: LCS 160-733830/2-A
Matrix: Water
Analysis Batch: 734026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733830

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Alpha	51.2	54.44		7.74	3.00	1.81	pCi/L	106	75 - 125

Lab Sample ID: LCSB 160-733830/3-A
Matrix: Water
Analysis Batch: 734026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733830

Analyte	Spike Added	LCSB Result	LCSB Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Gross Beta	69.3	66.73		7.20	4.00	0.873	pCi/L	96	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-733822/1-A
Matrix: Water
Analysis Batch: 737286

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733822

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.06180	U	0.169	0.169	1.00	0.360	pCi/L	08/27/25 08:04	09/23/25 19:46	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*30 - 110*	*08/27/25 08:04*	*09/23/25 19:46*	*1*

Lab Sample ID: LCS 160-733822/2-A
Matrix: Water
Analysis Batch: 737286

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733822

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.221		1.22	1.00	0.340	pCi/L	96	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-733824/1-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733824

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1103	U	0.212	0.212	1.00	0.377	pCi/L	08/27/25 08:11	09/23/25 15:28	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/27/25 08:11*	*09/23/25 15:28*	*1*

Lab Sample ID: LCS 160-733824/2-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733824

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.586		1.22	1.00	0.477	pCi/L	90	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*89.7*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-733823/1-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733823

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.7355		0.399	0.405	1.00	0.569	pCi/L	08/27/25 08:09	09/23/25 10:02	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.2*		*30 - 110*	*08/27/25 08:09*	*09/23/25 10:02*	*1*
Y Carrier	*80.0*		*30 - 110*	*08/27/25 08:09*	*09/23/25 10:02*	*1*

Lab Sample ID: LCS 160-733823/2-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733823

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	11.06		1.46	1.00	0.521	pCi/L	122	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.8*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-733825/1-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 733825

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.8506		0.413	0.420	1.00	0.570	pCi/L	08/27/25 08:17	09/23/25 12:08	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*
Y Carrier	*80.4*		*30 - 110*	*08/27/25 08:17*	*09/23/25 12:08*	*1*

Lab Sample ID: LCS 160-733825/2-A
Matrix: Water
Analysis Batch: 737285

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 733825

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.04	10.60		1.43	1.00	0.538	pCi/L	117	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*89.7*		*30 - 110*
Y Carrier	*77.4*		*30 - 110*

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Rad

Prep Batch: 733822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	PrecSep-21	
MB 160-733822/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-733822/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 733823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	PrecSep_0	
MB 160-733823/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-733823/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 733824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-2	Dup-04	Total/NA	Water	PrecSep-21	
860-109722-3	TMW-45	Total/NA	Water	PrecSep-21	
860-109722-4	Dup-02	Total/NA	Water	PrecSep-21	
860-109722-5	TMW-15	Total/NA	Water	PrecSep-21	
860-109722-6	TMW-13	Total/NA	Water	PrecSep-21	
860-109722-7	TMW-33	Total/NA	Water	PrecSep-21	
860-109722-8	Dup-03	Total/NA	Water	PrecSep-21	
860-109722-9	TMW-46	Total/NA	Water	PrecSep-21	
860-109722-10	Dup-1	Total/NA	Water	PrecSep-21	
MB 160-733824/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-733824/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 733825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-2	Dup-04	Total/NA	Water	PrecSep_0	
860-109722-3	TMW-45	Total/NA	Water	PrecSep_0	
860-109722-4	Dup-02	Total/NA	Water	PrecSep_0	
860-109722-5	TMW-15	Total/NA	Water	PrecSep_0	
860-109722-6	TMW-13	Total/NA	Water	PrecSep_0	
860-109722-7	TMW-33	Total/NA	Water	PrecSep_0	
860-109722-8	Dup-03	Total/NA	Water	PrecSep_0	
860-109722-9	TMW-46	Total/NA	Water	PrecSep_0	
860-109722-10	Dup-1	Total/NA	Water	PrecSep_0	
MB 160-733825/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-733825/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 733830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109722-1	TMW-31	Total/NA	Water	Evaporation	
860-109722-2	Dup-04	Total/NA	Water	Evaporation	
860-109722-3	TMW-45	Total/NA	Water	Evaporation	
860-109722-4	Dup-02	Total/NA	Water	Evaporation	
860-109722-5	TMW-15	Total/NA	Water	Evaporation	
860-109722-6	TMW-13	Total/NA	Water	Evaporation	
860-109722-7	TMW-33	Total/NA	Water	Evaporation	
860-109722-8	Dup-03	Total/NA	Water	Evaporation	
860-109722-9	TMW-46	Total/NA	Water	Evaporation	
860-109722-10	Dup-1	Total/NA	Water	Evaporation	
MB 160-733830/1-A	Method Blank	Total/NA	Water	Evaporation	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Rad (Continued)

Prep Batch: 733830 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-733830/2-A	Lab Control Sample	Total/NA	Water	Evaporation	
LCSB 160-733830/3-A	Lab Control Sample	Total/NA	Water	Evaporation	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: TMW-31

Lab Sample ID: 860-109722-1
Matrix: Water
Date Collected: 08/21/25 11:20
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			10.32 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:38	SWS	EET SL
Total/NA	Prep	PrecSep-21			751.06 mL	1.0 g	733822	08/27/25 08:04	JTR	EET SL
Total/NA	Analysis	903.0		1			737285	09/23/25 22:44	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.06 mL	1.0 g	733823	08/27/25 08:09	JTR	EET SL
Total/NA	Analysis	904.0		1			737270	09/23/25 09:53	SWS	EET SL

Client Sample ID: Dup-04

Lab Sample ID: 860-109722-2
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			10.40 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:38	SWS	EET SL
Total/NA	Prep	PrecSep-21			753.99 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737285	09/23/25 15:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			753.99 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Client Sample ID: TMW-45

Lab Sample ID: 860-109722-3
Matrix: Water
Date Collected: 08/21/25 08:50
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			13.22 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:38	SWS	EET SL
Total/NA	Prep	PrecSep-21			501.84 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737286	09/23/25 15:28	SWS	EET SL
Total/NA	Prep	PrecSep_0			501.84 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Client Sample ID: Dup-02

Lab Sample ID: 860-109722-4
Matrix: Water
Date Collected: 08/21/25 00:00
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			15.52 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:38	SWS	EET SL
Total/NA	Prep	PrecSep-21			507.97 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737286	09/23/25 15:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			507.97 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: TMW-15

Lab Sample ID: 860-109722-5
Date Collected: 08/21/25 13:10
Matrix: Water
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			13.12 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:38	SWS	EET SL
Total/NA	Prep	PrecSep-21			507.69 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737286	09/23/25 15:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			507.69 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Client Sample ID: TMW-13

Lab Sample ID: 860-109722-6
Date Collected: 08/21/25 13:20
Matrix: Water
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			17.10 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:39	SWS	EET SL
Total/NA	Prep	PrecSep-21			501.52 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737286	09/23/25 15:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			501.52 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Client Sample ID: TMW-33

Lab Sample ID: 860-109722-7
Date Collected: 08/21/25 11:20
Matrix: Water
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			11.91 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:39	SWS	EET SL
Total/NA	Prep	PrecSep-21			509.14 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737286	09/23/25 15:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			509.14 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Client Sample ID: Dup-03

Lab Sample ID: 860-109722-8
Date Collected: 08/21/25 00:00
Matrix: Water
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			12.61 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:39	SWS	EET SL
Total/NA	Prep	PrecSep-21			509.13 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737286	09/23/25 15:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			509.13 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Client Sample ID: TMW-46

Lab Sample ID: 860-109722-9

Date Collected: 08/21/25 09:00
Matrix: Water
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			31.01 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:39	SWS	EET SL
Total/NA	Prep	PrecSep-21			509.50 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737286	09/23/25 15:29	SWS	EET SL
Total/NA	Prep	PrecSep_0			509.50 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:08	SWS	EET SL

Client Sample ID: Dup-1

Lab Sample ID: 860-109722-10

Date Collected: 08/21/25 00:00
Matrix: Water
Date Received: 08/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Evaporation			37.00 mL	1.0 g	733830	08/27/25 08:26	OGC	EET SL
Total/NA	Analysis	900.0		1			734027	08/28/25 19:39	SWS	EET SL
Total/NA	Prep	PrecSep-21			504.97 mL	1.0 g	733824	08/27/25 08:11	JTR	EET SL
Total/NA	Analysis	903.0		1			737285	09/23/25 19:32	SWS	EET SL
Total/NA	Prep	PrecSep_0			504.97 mL	1.0 g	733825	08/27/25 08:17	JTR	EET SL
Total/NA	Analysis	904.0		1			737285	09/23/25 12:09	SWS	EET SL

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-109722-2
Project/Site: EBDU 37

Laboratory: Eurofins St. Louis

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Method	Method Description	Protocol	Laboratory
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
Evaporation	Preparation, Evaporation	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-109722-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109722-1	TMW-31	Water	08/21/25 11:20	08/22/25 09:10	Texas
860-109722-2	Dup-04	Water	08/21/25 00:00	08/22/25 09:10	Texas
860-109722-3	TMW-45	Water	08/21/25 08:50	08/22/25 09:10	Texas
860-109722-4	Dup-02	Water	08/21/25 00:00	08/22/25 09:10	Texas
860-109722-5	TMW-15	Water	08/21/25 13:10	08/22/25 09:10	Texas
860-109722-6	TMW-13	Water	08/21/25 13:20	08/22/25 09:10	Texas
860-109722-7	TMW-33	Water	08/21/25 11:20	08/22/25 09:10	Texas
860-109722-8	Dup-03	Water	08/21/25 00:00	08/22/25 09:10	Texas
860-109722-9	TMW-46	Water	08/21/25 09:00	08/22/25 09:10	Texas
860-109722-10	Dup-1	Water	08/21/25 00:00	08/22/25 09:10	Texas

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Received by OCD: 11/20/2025 2:07:34 PM

9/24/2025

Released to Imaging: 3/12/2026 2:34:23 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins

Client Information

Client Contact: John Grams	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):
Company: Terracon Consulting Eng & Scientists	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:
Address: 5847 50th St	Due Date Requested:		
City: Lubbock	TAT Requested (days):		
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No		
Phone:	PO #: Purchase Order not required		
Email: john.grams@terracon.com	WO #:		
Project Name: EBDU 37	Project #: 88002619		
Site:	SSOW#:		

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Calion_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOC6	8260D_SIM_EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-31	8.21.25	1120	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
Dup-04	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-109722 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 8.21.25 1520	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-22-25 910	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: 2.9/2.6			

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM

9/24/2025

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Released to Imaging: 3/12/2026 2:34:23 PM

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049 1
Page: Page 1 of 10
Job #:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A - HCL
B NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-45	8-21-25	0850	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
Dup-02a	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:
Relinquished by: Date/Time: 8-21-25 1520 Company
Relinquished by: Date/Time: Company
Relinquished by: Date/Time: Company

Method of Shipment:
Date: Time:
Received by: Date/Time: Company
Received by: Nuevo Date/Time: 9-22-25 910 Company
Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.3 / 3.1

Ver: 05/06/2024

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9/24/2025

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Released to Imaging: 3/12/2026 2:34:23 PM

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-15	8.21.25	1310	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-13	V	1320	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I II III, IV Other (specify)

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:	8-21-25 1520		Received by:		
Relinquished by:			Received by: Nuuna	8-22-25 910	
Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.4/3.2

Ver 05/06/2024

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Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Client Information

Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	8270E_QQQ_28D_300_ORGFMS, 8040C, Calion_Anion	2320B_300_ORGFM_28D_300_ORGFMS, 8040C, Calion_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM+EDB and DBCP	25640C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	N	B	N	X	
TMW-33	8.21.25	1120	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	X	2	
DUP-3	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	X	2	
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Deliverable Requested: I II III IV Other (specify)

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by: Date/Time: 8.21.25 1520 Company
Received by: Company
Date/Time: Company

Relinquished by: Date/Time: Company
Received by: Nuevo Company
Date/Time: 8.22.25 910 Company

Relinquished by: Date/Time: Company
Received by: Company
Date/Time: Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 3.5 / 3.3

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM

Released to Imaging: 3/12/2026 2:34:23 PM

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Received by OCD: 11/20/2025 2:07:34 PM

9/24/2025

Released to Imaging: 3/12/2026 2:34:23 PM

eurofins

Chain of Custody Record

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Client Information
Client Contact: John Grams
Company: Terracon Consulting Eng & Scientists
Address: 5847 50th St
City: Lubbock
State, Zip: TX, 79424
Phone:
Email: john.grams@terracon.com
Project Name: EBDU 37
Site:

Sampler:
Phone:
PWSID:

Lab PM: Builes, John
E-Mail: John.Builes@et.eurofinsus.com
Carrier Tracking No(s):
State of Origin:

COC No: 880-13691-2049.1
Page: Page 1 of 10
Job #:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: Purchase Order not required
WO #:
Project #: 88002619
SSOW#:

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on Ice in addition to the preservation code.
Preservation Code:							D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-46	8.21.25	0900	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	2G	
DUP-1	↓		G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	6G	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I II III, IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:		Date/Time: 8.21.25 1520	Company	Received by:		Date/Time:	Company
Relinquished by:		Date/Time:	Company	Received by:		Date/Time: 8-22-25 910	Company
Relinquished by:		Date/Time:	Company	Received by:		Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.			Cooler Temperature(s) °C and Other Remarks:		2.5 #3	

Ver: 05/06/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-251600.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-109722-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/29/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			

Preservation Codes:
-

Other:
N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
TMW-31 (860-109722-1)	8/21/25	11:20 Central	G	Water			X	X	X	3	
Dup-04 (860-109722-2)	8/21/25	Central	G	Water			X	X	X	3	
TMW-45 (860-109722-3)	8/21/25	08:50 Central	G	Water			X	X	X	3	
Dup-02 (860-109722-4)	8/21/25	Central	G	Water			X	X	X	3	
TMW-15 (860-109722-5)	8/21/25	13:10 Central	G	Water			X	X	X	3	
TMW-13 (860-109722-6)	8/21/25	13:20 Central	G	Water			X	X	X	3	
TMW-33 (860-109722-7)	8/21/25	11:20 Central	G	Water			X	X	X	3	
Dup-03 (860-109722-8)	8/21/25	Central	G	Water			X	X	X	3	
TMW-46 (860-109722-9)	8/21/25	09:00 Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		8-25-25 1200		M. Pinette	AUG 26 20250830	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Released to Imaging: 3/12/2026 2:34:23 PM
Received by OCD: 11/20/2025 2:07:34 PM

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Builes, John	Carrier Tracking No(s): N/A	COC No: 860-251600.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 860-109722-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/29/2025			Preservation Codes:
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: EBDU 37	Project #: 88002619			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0/EvaporationStandard Target List	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Dup-1 (860-109722-10)	8/21/25	Central	G	Water			X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		8-21-25 1210		M. Pinette	AUG 26 2025 0830	
2	Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-109722-2

Login Number: 109722 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 860-109722-2

Login Number: 109722
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 08/26/25 11:42 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/10/2025 1:28:59 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-110123-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

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my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/10/2025 1:28:59 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-110123-1

Table of Contents

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-110123-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-110123-1
Project: EBDU 37

Job ID: 860-110123-1 Eurofins Houston

Job Narrative
860-110123-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/27/2025 9:59 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 7.0°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted due to the nature of the sample matrix: TMW-34 (860-110123-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-257996 contained Sulfate above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of Chloride within the calibration range: TMW-14 (860-110123-1) and TMW-34 (860-110123-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Chlorideanalytical batch 860-257996 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for Nitrite as N analytical batch 860-257997 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFMS: The following sample was diluted due to the nature of the sample matrix: TMW-34 (860-110123-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFMS: The continuing calibration blank (CCB) for analytical batch 860-257997 contained Nitrate as N above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B: The following sample was diluted due to the nature of the sample matrix: TMW-34 (860-110123-2). Elevated reporting limits (RLs) are provided.

Eurofins Houston

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Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-110123-1
Project: EBDU 37

Job ID: 860-110123-1 (Continued) Eurofins Houston

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 420.4_NP: The following sample was diluted due to the presence of salt in the sample that would clog the instrument: TMW-34 (860-110123-2). Elevated reporting limits (RL) are provided.

Method 420.4_NP: The following sample was diluted due to the presence of unknown interferents: TMW-14 (860-110123-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-14 — Lab Sample ID: 860-110123-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Nitrate as N	0.579		0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.546		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	183		0.500	0.200	mg/L	1		300.0	Total/NA
Chloride - DL	1770		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	720		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.779		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	80.0		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	309		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	62.6		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	68.3		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	6.18		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.32		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00296	J	0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.0974		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.258		0.0500	0.0200	mg/L	5		6020B	Total/NA
Chromium	0.00275	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000425	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Lead	0.000448	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0248		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.00152	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.00103	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Selenium	0.0245		0.00200	0.000590	mg/L	1		6020B	Total/NA
Uranium	0.00178		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00324	J	0.00400	0.00274	mg/L	1		6020B	Total/NA
Mercury	0.000122	J	0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	7.30	HF			SU	1		9040C	Total/NA
Temperature	20.7	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.30	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00827		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	56.1				meq/L	1		SM 1030E	Total/NA
Total Anions	58.3				meq/L	1		SM 1030E	Total/NA
Percent Difference	-1.93				%	1		SM 1030E	Total/NA
Alkalinity	112		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	112		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	4680		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-34 — Lab Sample ID: 860-110123-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00294	J	0.00500	0.00173	mg/L	1		8260D	Total/NA
Nitrate as N	0.805		0.500	0.196	mg/L	5		300.0	Total/NA
Sulfate	216		2.50	1.00	mg/L	5		300.0	Total/NA
Chloride - DL	6930		25.0	12.5	mg/L	50		300.0	Total/NA
Calcium	1640		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	1.42		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	227		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	1890		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	71.3		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	64.4		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	17.2		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	2.42		0.200	0.0549	mg/L	10		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-34 (Continued)

Lab Sample ID: 860-110123-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.237		0.0400	0.0134	mg/L	10		6020B	Total/NA
Boron	0.757		0.100	0.0401	mg/L	10		6020B	Total/NA
Manganese	0.0409		0.0200	0.00759	mg/L	10		6020B	Total/NA
Selenium	0.0205		0.0200	0.00590	mg/L	10		6020B	Total/NA
Uranium	0.00722	J	0.0100	0.00211	mg/L	10		6020B	Total/NA
Mercury	0.000202		0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	7.05	HF			SU	1		9040C	Total/NA
Temperature	20.3	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.05	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00913		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	183				meq/L	1		SM 1030E	Total/NA
Total Anions	204				meq/L	1		SM 1030E	Total/NA
Percent Difference	-5.43				%	1		SM 1030E	Total/NA
Alkalinity	89.3		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	89.3		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	14500		100	100	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-14

Date Collected: 08/26/25 11:00
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-1
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 11:48	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 11:48	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 11:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*70 - 130*		*08/30/25 11:48*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/30/25 11:48*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 12:06	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 12:06	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 12:06	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 12:06	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 12:06	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 12:06	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 12:06	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 12:06	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 12:06	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 12:06	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 12:06	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 12:06	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 12:06	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/29/25 12:06	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 12:06	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 12:06	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 12:06	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 12:06	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 12:06	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 12:06	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 12:06	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 12:06	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*63 - 144*		*08/29/25 12:06*	*1*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*		*08/29/25 12:06*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 131*		*08/29/25 12:06*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/29/25 12:06*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0959	U	0.571	0.0959	ug/L		09/02/25 13:55	09/03/25 21:19	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		09/02/25 13:55	09/03/25 21:19	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		09/02/25 13:55	09/03/25 21:19	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		09/02/25 13:55	09/03/25 21:19	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		09/02/25 13:55	09/03/25 21:19	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		09/02/25 13:55	09/03/25 21:19	1
Anthracene	<0.104	U	0.571	0.104	ug/L		09/02/25 13:55	09/03/25 21:19	1
Benzo[a]anthracene	<0.127	U	0.285	0.127	ug/L		09/02/25 13:55	09/03/25 21:19	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-14

Date Collected: 08/26/25 11:00
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.107	U	0.285	0.107	ug/L		09/02/25 13:55	09/03/25 21:19	1
1,4-Dichlorobenzene	<0.109	U	0.571	0.109	ug/L		09/02/25 13:55	09/03/25 21:19	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		09/02/25 13:55	09/03/25 21:19	1
Atrazine	<0.177	U	0.499	0.177	ug/L		09/02/25 13:55	09/03/25 21:19	1
Benzo[g,h,i]perylene	<0.0902	U	0.571	0.0902	ug/L		09/02/25 13:55	09/03/25 21:19	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		09/02/25 13:55	09/03/25 21:19	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		09/02/25 13:55	09/03/25 21:19	1
Chrysene	<0.0964	U	0.571	0.0964	ug/L		09/02/25 13:55	09/03/25 21:19	1
Styrene	<1.59	U	2.28	1.59	ug/L		09/02/25 13:55	09/03/25 21:19	1
Dibenz(a,h)anthracene	<0.0849	U	0.114	0.0849	ug/L		09/02/25 13:55	09/03/25 21:19	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		09/02/25 13:55	09/03/25 21:19	1
Fluorene	<0.113	U	0.571	0.113	ug/L		09/02/25 13:55	09/03/25 21:19	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		09/02/25 13:55	09/03/25 21:19	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		09/02/25 13:55	09/03/25 21:19	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		09/02/25 13:55	09/03/25 21:19	1
Pyrene	<0.129	U	0.571	0.129	ug/L		09/02/25 13:55	09/03/25 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*35 - 130*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
2-Fluorobiphenyl	*94*		*43 - 130*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
2-Fluorophenol (Surr)	*50*		*19 - 120*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
2-Fluorobiphenyl	*94*		*43 - 130*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
Phenol-d5 (Surr)	*24*		*8 - 124*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
p-Terphenyl-d14 (Surr)	*89*		*47 - 130*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
Nitrobenzene-d5 (Surr)	*97*		*37 - 133*	*09/02/25 13:55*	*09/03/25 21:19*	*1*
p-Terphenyl-d14 (Surr)	*89*		*47 - 130*	*09/02/25 13:55*	*09/03/25 21:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000568	U	0.000309	0.0000568	mg/L		08/28/25 14:01	09/02/25 15:56	1
PCB-1221	<0.0000568	U	0.000619	0.0000568	mg/L		08/28/25 14:01	09/02/25 15:56	1
PCB-1232	<0.0000568	U	0.000619	0.0000568	mg/L		08/28/25 14:01	09/02/25 15:56	1
PCB-1242	<0.0000568	U	0.000309	0.0000568	mg/L		08/28/25 14:01	09/02/25 15:56	1
PCB-1248	<0.0000568	U	0.000619	0.0000568	mg/L		08/28/25 14:01	09/02/25 15:56	1
PCB-1254	<0.0000748	U	0.000619	0.0000748	mg/L		08/28/25 14:01	09/02/25 15:56	1
PCB-1260	<0.0000748	U	0.000309	0.0000748	mg/L		08/28/25 14:01	09/02/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*52 - 134*	*08/28/25 14:01*	*09/02/25 15:56*	*1*
DCB Decachlorobiphenyl (Surr)	*47*		*28 - 94*	*08/28/25 14:01*	*09/02/25 15:56*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.579**		0.100	0.0391	mg/L			08/27/25 17:29	1
Fluoride	**0.546**		0.500	0.100	mg/L			08/27/25 17:29	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/27/25 17:29	1
Sulfate	**183**		0.500	0.200	mg/L			08/27/25 17:29	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-14

Date Collected: 08/26/25 11:00
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1770**		5.00	2.50	mg/L			08/27/25 17:36	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**720**		10.0	5.08	mg/L		09/03/25 11:25	09/04/25 12:22	50
Iron	**0.779**		0.200	0.0283	mg/L		09/03/25 11:25	09/04/25 12:09	1
Magnesium	**80.0**		0.200	0.0445	mg/L		09/03/25 11:25	09/04/25 12:09	1
Sodium	**309**		0.500	0.152	mg/L		09/03/25 11:25	09/04/25 12:09	1
Sulfur	**62.6**		0.100	0.0370	mg/L		09/03/25 11:25	09/04/25 12:09	1
SiO2	**68.3**		1.07	0.370	mg/L		09/03/25 11:25	09/04/25 12:09	1
Potassium	**6.18**		0.500	0.106	mg/L		09/03/25 11:25	09/04/25 12:09	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.32**		0.0200	0.00549	mg/L		09/03/25 13:23	09/05/25 02:57	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		09/03/25 13:23	09/05/25 02:57	1
Arsenic	**0.00296**	**J**	0.00400	0.000690	mg/L		09/03/25 13:23	09/05/25 02:57	1
Barium	**0.0974**		0.00400	0.00134	mg/L		09/03/25 13:23	09/05/25 02:57	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		09/03/25 13:23	09/05/25 02:57	1
Boron	**0.258**		0.0500	0.0200	mg/L		09/03/25 13:23	09/05/25 13:14	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		09/03/25 13:23	09/05/25 02:57	1
Chromium	**0.00275**	**J**	0.00400	0.000560	mg/L		09/03/25 13:23	09/05/25 02:57	1
Cobalt	**0.000425**	**J**	0.00200	0.000355	mg/L		09/03/25 13:23	09/05/25 02:57	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		09/03/25 13:23	09/05/25 02:57	1
Lead	**0.000448**	**J**	0.00200	0.000367	mg/L		09/03/25 13:23	09/05/25 02:57	1
Manganese	**0.0248**		0.00200	0.000759	mg/L		09/03/25 13:23	09/05/25 02:57	1
Molybdenum	**0.00152**	**J**	0.00200	0.000255	mg/L		09/03/25 13:23	09/05/25 02:57	1
Nickel	**0.00103**	**J**	0.00200	0.000528	mg/L		09/03/25 13:23	09/05/25 02:57	1
Selenium	**0.0245**		0.00200	0.000590	mg/L		09/03/25 13:23	09/05/25 02:57	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		09/03/25 13:23	09/05/25 02:57	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		09/03/25 13:23	09/05/25 02:57	1
Uranium	**0.00178**		0.00100	0.000211	mg/L		09/03/25 13:23	09/05/25 02:57	1
Zinc	**0.00324**	**J**	0.00400	0.00274	mg/L		09/03/25 13:23	09/05/25 02:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000122**	**J**	0.000200	0.0000706	mg/L		09/02/25 07:26	09/02/25 20:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.0580	U	0.100	0.0580	mg/L			09/03/25 20:10	10
pH (SW846 9040C)	**7.30**	**HF**			SU			09/02/25 19:10	1
Temperature (SW846 9040C)	**20.7**	**HF**			Degrees C			09/02/25 19:10	1
Corrosivity (SW846 9040C)	**7.30**	**HF**			SU			09/02/25 19:10	1
Cyanide, Total (EPA Kelada 01)	**0.00827**		0.00500	0.00198	mg/L			08/28/25 20:26	1
Total Cations (SM 1030E)	**56.1**				meq/L			09/04/25 12:22	1
Total Anions (SM 1030E)	**58.3**				meq/L			09/04/25 12:22	1
Percent Difference (SM 1030E)	**-1.93**				%			09/04/25 12:22	1
Alkalinity (SM 2320B)	**112**		4.00	4.00	mg/L			08/29/25 19:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**112**		4.00	4.00	mg/L			08/29/25 19:52	1

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-14

Lab Sample ID: 860-110123-1
Date Collected: 08/26/25 11:00
Matrix: Water
Date Received: 08/27/25 09:59

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 19:52	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 19:52	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 19:52	1
Total Dissolved Solids (SM 2540C)	**4680**		40.0	40.0	mg/L			08/29/25 13:54	1

Client Sample ID: TMW-34

Lab Sample ID: 860-110123-2
Date Collected: 08/26/25 12:35
Matrix: Water
Date Received: 08/27/25 09:59

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 12:09	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 12:09	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 12:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*70 - 130*		*08/30/25 12:09*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/30/25 12:09*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 13:34	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 13:34	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 13:34	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 13:34	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 13:34	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 13:34	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 13:34	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 13:34	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 13:34	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 13:34	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 13:34	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 13:34	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 13:34	1
Methylene Chloride	**0.00294**	**J**	0.00500	0.00173	mg/L			08/29/25 13:34	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 13:34	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 13:34	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 13:34	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 13:34	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 13:34	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 13:34	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 13:34	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 13:34	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*63 - 144*		*08/29/25 13:34*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/29/25 13:34*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 131*		*08/29/25 13:34*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/29/25 13:34*	*1*

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Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-34

Date Collected: 08/26/25 12:35
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		09/02/25 15:48	09/04/25 19:06	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		09/02/25 15:48	09/04/25 19:06	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		09/02/25 15:48	09/04/25 19:06	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		09/02/25 15:48	09/04/25 19:06	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		09/02/25 15:48	09/04/25 19:06	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		09/02/25 15:48	09/04/25 19:06	1
Anthracene	<0.104	U	0.571	0.104	ug/L		09/02/25 15:48	09/04/25 19:06	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		09/02/25 15:48	09/04/25 19:06	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		09/02/25 15:48	09/04/25 19:06	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		09/02/25 15:48	09/04/25 19:06	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		09/02/25 15:48	09/04/25 19:06	1
Atrazine	<0.177	U	0.500	0.177	ug/L		09/02/25 15:48	09/04/25 19:06	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		09/02/25 15:48	09/04/25 19:06	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		09/02/25 15:48	09/04/25 19:06	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		09/02/25 15:48	09/04/25 19:06	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		09/02/25 15:48	09/04/25 19:06	1
Styrene	<1.59	U	2.29	1.59	ug/L		09/02/25 15:48	09/04/25 19:06	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		09/02/25 15:48	09/04/25 19:06	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		09/02/25 15:48	09/04/25 19:06	1
Fluorene	<0.113	U	0.571	0.113	ug/L		09/02/25 15:48	09/04/25 19:06	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		09/02/25 15:48	09/04/25 19:06	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		09/02/25 15:48	09/04/25 19:06	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		09/02/25 15:48	09/04/25 19:06	1
Pyrene	<0.129	U	0.571	0.129	ug/L		09/02/25 15:48	09/04/25 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*120*		*35 - 130*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
2-Fluorobiphenyl	*106*		*43 - 130*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
2-Fluorophenol (Surr)	*60*		*19 - 120*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
2-Fluorobiphenyl	*106*		*43 - 130*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
Nitrobenzene-d5 (Surr)	*122*		*37 - 133*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
Phenol-d5 (Surr)	*29*		*8 - 124*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
p-Terphenyl-d14 (Surr)	*114*		*47 - 130*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
Nitrobenzene-d5 (Surr)	*122*		*37 - 133*	*09/02/25 15:48*	*09/04/25 19:06*	*1*
p-Terphenyl-d14 (Surr)	*114*		*47 - 130*	*09/02/25 15:48*	*09/04/25 19:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000578	U	0.000315	0.0000578	mg/L		08/28/25 14:01	09/02/25 16:08	1
PCB-1221	<0.0000578	U	0.000630	0.0000578	mg/L		08/28/25 14:01	09/02/25 16:08	1
PCB-1232	<0.0000578	U	0.000630	0.0000578	mg/L		08/28/25 14:01	09/02/25 16:08	1
PCB-1242	<0.0000578	U	0.000315	0.0000578	mg/L		08/28/25 14:01	09/02/25 16:08	1
PCB-1248	<0.0000578	U	0.000630	0.0000578	mg/L		08/28/25 14:01	09/02/25 16:08	1
PCB-1254	<0.0000761	U	0.000630	0.0000761	mg/L		08/28/25 14:01	09/02/25 16:08	1
PCB-1260	<0.0000761	U	0.000315	0.0000761	mg/L		08/28/25 14:01	09/02/25 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*52 - 134*	*08/28/25 14:01*	*09/02/25 16:08*	*1*
DCB Decachlorobiphenyl (Surr)	*50*		*28 - 94*	*08/28/25 14:01*	*09/02/25 16:08*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-34

Date Collected: 08/26/25 12:35
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	**0.805**		0.500	0.196	mg/L			08/27/25 17:55	5
Fluoride	<0.500	U	2.50	0.500	mg/L			08/27/25 17:55	5
Nitrite as N	<0.350	U	0.500	0.350	mg/L			08/27/25 17:55	5
Sulfate	**216**		2.50	1.00	mg/L			08/27/25 17:55	5

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6930**		25.0	12.5	mg/L			08/27/25 18:01	50

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1640**		10.0	5.08	mg/L		09/03/25 11:25	09/04/25 12:24	50
Iron	**1.42**		0.200	0.0283	mg/L		09/03/25 11:25	09/04/25 12:11	1
Magnesium	**227**		0.200	0.0445	mg/L		09/03/25 11:25	09/04/25 12:11	1
Sodium	**1890**		25.0	7.59	mg/L		09/03/25 11:25	09/04/25 12:24	50
Sulfur	**71.3**		0.100	0.0370	mg/L		09/03/25 11:25	09/04/25 12:11	1
SiO2	**64.4**		1.07	0.370	mg/L		09/03/25 11:25	09/04/25 12:11	1
Potassium	**17.2**		0.500	0.106	mg/L		09/03/25 11:25	09/04/25 12:11	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.42**		0.200	0.0549	mg/L		09/03/25 13:23	09/05/25 03:01	10
Antimony	<0.00750	U	0.0200	0.00750	mg/L		09/03/25 13:23	09/05/25 03:01	10
Arsenic	<0.00690	U	0.0400	0.00690	mg/L		09/03/25 13:23	09/05/25 03:01	10
Barium	**0.237**		0.0400	0.0134	mg/L		09/03/25 13:23	09/05/25 03:01	10
Beryllium	<0.00271	U	0.0200	0.00271	mg/L		09/03/25 13:23	09/05/25 03:01	10
Boron	**0.757**		0.100	0.0401	mg/L		09/03/25 13:23	09/05/25 13:17	10
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		09/03/25 13:23	09/05/25 03:01	10
Chromium	<0.00560	U	0.0400	0.00560	mg/L		09/03/25 13:23	09/05/25 03:01	10
Cobalt	<0.00355	U	0.0200	0.00355	mg/L		09/03/25 13:23	09/05/25 03:01	10
Copper	<0.0100	U	0.0400	0.0100	mg/L		09/03/25 13:23	09/05/25 03:01	10
Lead	<0.00367	U	0.0200	0.00367	mg/L		09/03/25 13:23	09/05/25 03:01	10
Manganese	**0.0409**		0.0200	0.00759	mg/L		09/03/25 13:23	09/05/25 03:01	10
Molybdenum	<0.00255	U	0.0200	0.00255	mg/L		09/03/25 13:23	09/05/25 03:01	10
Nickel	<0.00528	U	0.0200	0.00528	mg/L		09/03/25 13:23	09/05/25 03:01	10
Selenium	**0.0205**		0.0200	0.00590	mg/L		09/03/25 13:23	09/05/25 03:01	10
Silver	<0.00390	U	0.0200	0.00390	mg/L		09/03/25 13:23	09/05/25 03:01	10
Thallium	<0.00415	U	0.0200	0.00415	mg/L		09/03/25 13:23	09/05/25 03:01	10
Uranium	**0.00722**	**J**	0.0100	0.00211	mg/L		09/03/25 13:23	09/05/25 03:01	10
Zinc	<0.0274	U	0.0400	0.0274	mg/L		09/03/25 13:23	09/05/25 03:01	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000202**		0.000200	0.0000706	mg/L		09/02/25 07:26	09/02/25 20:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.580	U	1.00	0.580	mg/L			09/03/25 17:13	100
pH (SW846 9040C)	**7.05**	**HF**			SU			09/02/25 19:12	1
Temperature (SW846 9040C)	**20.3**	**HF**			Degrees C			09/02/25 19:12	1
Corrosivity (SW846 9040C)	**7.05**	**HF**			SU			09/02/25 19:12	1

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Released to Imaging: 3/12/2026 2:34:23 PM

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-34
Date Collected: 08/26/25 12:35
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-2
Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (EPA Kelada 01)	0.00913		0.00500	0.00198	mg/L			08/28/25 20:17	1
Total Cations (SM 1030E)	183				meq/L			09/04/25 12:24	1
Total Anions (SM 1030E)	204				meq/L			09/04/25 12:24	1
Percent Difference (SM 1030E)	-5.43				%			09/04/25 12:24	1
Alkalinity (SM 2320B)	89.3		4.00	4.00	mg/L			08/29/25 19:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	89.3		4.00	4.00	mg/L			08/29/25 19:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 19:46	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 19:46	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			08/29/25 19:46	1
Total Dissolved Solids (SM 2540C)	14500		100	100	mg/L			08/29/25 13:54	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (63-144)	BFB (74-124)	DBFM (75-131)	TOL (80-120)
860-110123-1	TMW-14	111	103	104	103
860-110123-1 MS	TMW-14	98	103	98	99
860-110123-2	TMW-34	112	101	98	100
860-110123-2 MS	TMW-34	108	95	97	100
LCS 860-258651/3	Lab Control Sample	98	101	102	101
LCS 860-258656/3	Lab Control Sample	106	92	97	100
LCSD 860-258651/4	Lab Control Sample Dup	98	100	100	99
LCSD 860-258656/4	Lab Control Sample Dup	110	95	100	99
MB 860-258651/9	Method Blank	106	106	102	102
MB 860-258656/9	Method Blank	107	102	100	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TOL (70-130)	BFB (70-130)
860-110123-1	TMW-14	95	100
860-110123-2	TMW-34	94	100
LCS 860-258888/3	Lab Control Sample	93	102
LCSD 860-258888/4	Lab Control Sample Dup	94	99
MB 860-258888/6	Method Blank	96	100

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	TBP (35-130)	2FP (19-120)	FBP (43-130)	FBP (43-130)	PHL (8-124)	NBZ (37-133)	NBZ (37-133)	TPHd14 (47-130)
860-110123-1	TMW-14	95	50	94	94	24	97	97	89
860-110123-2	TMW-34	120	60	106	106	29	122	122	114
LCS 860-259235/2-A	Lab Control Sample	89	83	75	75	74	95	95	84
LCS 860-259235/4-A	Lab Control Sample	80	78	74	74	70	87	87	74
LCS 860-259297/2-A	Lab Control Sample	85	85	77	77	70	85	85	85
LCS 860-259297/4-A	Lab Control Sample	78	81	77	77	70	84	84	78
LCSD 860-259235/3-A	Lab Control Sample Dup	89	85	80	80	74	94	94	83
LCSD 860-259235/5-A	Lab Control Sample Dup	79	81	76	76	68	86	86	79
LCSD 860-259297/3-A	Lab Control Sample Dup	70	74	73	73	74	76	76	71
LCSD 860-259297/5-A	Lab Control Sample Dup	90	94	88	88	77	94	94	92
MB 860-259235/1-A	Method Blank	102	107	90	90	90	109	109	104
MB 860-259297/1-A	Method Blank	78	85	72	72	68	76	76	79

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-110123-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	TPHd14 (47-130)								
860-110123-1	TMW-14	89								
860-110123-2	TMW-34	114								
LCS 860-259235/2-A	Lab Control Sample	84								
LCS 860-259235/4-A	Lab Control Sample	74								
LCS 860-259297/2-A	Lab Control Sample	85								
LCS 860-259297/4-A	Lab Control Sample	78								
LCSD 860-259235/3-A	Lab Control Sample Dup	83								
LCSD 860-259235/5-A	Lab Control Sample Dup	79								
LCSD 860-259297/3-A	Lab Control Sample Dup	71								
LCSD 860-259297/5-A	Lab Control Sample Dup	92								
MB 860-259235/1-A	Method Blank	104								
MB 860-259297/1-A	Method Blank	79								

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)							
860-110123-1	TMW-14	83	47							
860-110123-2	TMW-34	89	50							
LCS 860-258516/4-A	Lab Control Sample	83	73							
LCSD 860-258516/5-A	Lab Control Sample Dup	85	74							
MB 860-258516/1-A	Method Blank	88	78							

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-258651/9
Matrix: Water
Analysis Batch: 258651

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 10:44	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 10:44	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 10:44	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 10:44	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 10:44	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 10:44	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 10:44	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 10:44	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 10:44	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 10:44	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 10:44	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 10:44	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 10:44	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/29/25 10:44	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 10:44	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 10:44	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 10:44	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 10:44	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 10:44	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 10:44	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 10:44	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 10:44	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*		*08/29/25 10:44*	*1*
4-Bromofluorobenzene (Surr)	*106*		*74 - 124*		*08/29/25 10:44*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*08/29/25 10:44*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/29/25 10:44*	*1*

Lab Sample ID: LCS 860-258651/3
Matrix: Water
Analysis Batch: 258651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.04840		mg/L		97	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05120		mg/L		102	74 - 125
1,1,2-Trichloroethane	0.0500	0.04627		mg/L		93	75 - 130
1,1-Dichloroethane	0.0500	0.05044		mg/L		101	71 - 130
1,1-Dichloroethene	0.0500	0.05279		mg/L		106	50 - 150
1,2-Dibromoethane	0.0500	0.04767		mg/L		95	73 - 125
1,2-Dichloroethane	0.0500	0.04614		mg/L		92	72 - 130
1,2-Dichloropropane	0.0500	0.04587		mg/L		92	74 - 125
Benzene	0.0500	0.04528		mg/L		91	75 - 125
Carbon tetrachloride	0.0500	0.04881		mg/L		98	70 - 125
Chloroform	0.0500	0.04661		mg/L		93	70 - 121
Ethylbenzene	0.0500	0.04882		mg/L		98	75 - 125
MTBE	0.0500	0.05261		mg/L		105	65 - 135

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-258651/3
Matrix: Water
Analysis Batch: 258651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.05386		mg/L		108	71 - 125		
Tetrachloroethene			0.0500	0.04691		mg/L		94	71 - 125		
Toluene			0.0500	0.04703		mg/L		94	75 - 130		
Trichloroethene			0.0500	0.04468		mg/L		89	75 - 135		
Vinyl chloride			0.0500	0.04110		mg/L		82	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.04640		mg/L		93	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.05275		mg/L		105	75 - 125		
o-Xylene			0.0500	0.04920		mg/L		98	75 - 125		
m,p-Xylenes			0.0500	0.04935		mg/L		99	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*
Dibromofluoromethane (Surr)	*102*		*75 - 131*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 860-258651/4
Matrix: Water
Analysis Batch: 258651

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.04566		mg/L		91	70 - 130	6	25
1,1,2,2-Tetrachloroethane			0.0500	0.04742		mg/L		95	74 - 125	8	25
1,1,2-Trichloroethane			0.0500	0.04484		mg/L		90	75 - 130	3	25
1,1-Dichloroethane			0.0500	0.04784		mg/L		96	71 - 130	5	25
1,1-Dichloroethene			0.0500	0.05186		mg/L		104	50 - 150	2	25
1,2-Dibromoethane			0.0500	0.04510		mg/L		90	73 - 125	6	25
1,2-Dichloroethane			0.0500	0.04591		mg/L		92	72 - 130	0	25
1,2-Dichloropropane			0.0500	0.04471		mg/L		89	74 - 125	3	25
Benzene			0.0500	0.04425		mg/L		89	75 - 125	2	25
Carbon tetrachloride			0.0500	0.04715		mg/L		94	70 - 125	3	25
Chloroform			0.0500	0.04552		mg/L		91	70 - 121	2	25
Ethylbenzene			0.0500	0.04648		mg/L		93	75 - 125	5	25
MTBE			0.0500	0.05131		mg/L		103	65 - 135	2	25
Methylene Chloride			0.0500	0.05062		mg/L		101	71 - 125	6	25
Tetrachloroethene			0.0500	0.04438		mg/L		89	71 - 125	6	25
Toluene			0.0500	0.04422		mg/L		88	75 - 130	6	25
Trichloroethene			0.0500	0.04413		mg/L		88	75 - 135	1	25
Vinyl chloride			0.0500	0.03911		mg/L		78	60 - 140	5	25
cis-1,2-Dichloroethene			0.0500	0.04655		mg/L		93	75 - 125	0	25
trans-1,2-Dichloroethene			0.0500	0.04991		mg/L		100	75 - 125	6	25
o-Xylene			0.0500	0.04689		mg/L		94	75 - 125	5	25
m,p-Xylenes			0.0500	0.04664		mg/L		93	75 - 125	6	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-258651/4
Matrix: Water
Analysis Batch: 258651

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: 860-110123-1 MS
Matrix: Water
Analysis Batch: 258651

Client Sample ID: TMW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.000585	U	0.0500	0.04751		mg/L		95	75 - 125
1,1,2,2-Tetrachloroethane	<0.000470	U	0.0500	0.04942		mg/L		99	74 - 125
1,1,2-Trichloroethane	<0.000411	U	0.0500	0.04528		mg/L		91	75 - 127
1,1-Dichloroethane	<0.000635	U	0.0500	0.04952		mg/L		99	72 - 125
1,1-Dichloroethene	<0.000738	U	0.0500	0.05447		mg/L		109	59 - 172
1,2-Dibromoethane	<0.000999	U	0.0500	0.04658		mg/L		93	73 - 125
1,2-Dichloroethane	<0.000372	U	0.0500	0.04542		mg/L		91	68 - 127
1,2-Dichloropropane	<0.000556	U	0.0500	0.04552		mg/L		91	74 - 125
Benzene	<0.000460	U	0.0500	0.04537		mg/L		91	66 - 142
Carbon tetrachloride	<0.000896	U	0.0500	0.04835		mg/L		97	62 - 125
Chloroform	<0.000464	U	0.0500	0.04591		mg/L		92	70 - 130
Ethylbenzene	<0.000385	U	0.0500	0.04717		mg/L		94	75 - 125
MTBE	<0.00139	U	0.0500	0.05444		mg/L		109	65 - 135
Methylene Chloride	<0.00173	U	0.0500	0.05332		mg/L		107	75 - 125
Tetrachloroethene	<0.000655	U	0.0500	0.04583		mg/L		92	71 - 125
Toluene	<0.000475	U	0.0500	0.04566		mg/L		91	59 - 139
Trichloroethene	<0.00150	U	0.0500	0.04382		mg/L		88	62 - 137
Vinyl chloride	<0.000428	U	0.0500	0.04846		mg/L		97	60 - 140
cis-1,2-Dichloroethene	<0.000457	U	0.0500	0.04691		mg/L		94	75 - 125
trans-1,2-Dichloroethene	<0.000368	U	0.0500	0.05294		mg/L		106	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04748		mg/L		95	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04813		mg/L		96	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 860-258656/9
Matrix: Water
Analysis Batch: 258656

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 12:33	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 12:33	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 12:33	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 12:33	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 12:33	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 12:33	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 12:33	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 860-258656/9
Matrix: Water
Analysis Batch: 258656

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 12:33	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 12:33	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 12:33	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 12:33	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 12:33	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 12:33	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/29/25 12:33	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 12:33	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 12:33	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 12:33	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 12:33	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 12:33	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 12:33	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 12:33	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 12:33	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*63 - 144*		*08/29/25 12:33*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*08/29/25 12:33*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*08/29/25 12:33*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/25 12:33*	*1*

Lab Sample ID: LCS 860-258656/3
Matrix: Water
Analysis Batch: 258656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.05329		mg/L		107	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.05129		mg/L		103	74 - 125
1,1,2-Trichloroethane	0.0500	0.04993		mg/L		100	75 - 130
1,1-Dichloroethane	0.0500	0.04912		mg/L		98	71 - 130
1,1-Dichloroethene	0.0500	0.05186		mg/L		104	50 - 150
1,2-Dibromoethane	0.0500	0.05280		mg/L		106	73 - 125
1,2-Dichloroethane	0.0500	0.05374		mg/L		107	72 - 130
1,2-Dichloropropane	0.0500	0.04872		mg/L		97	74 - 125
Benzene	0.0500	0.04767		mg/L		95	75 - 125
Carbon tetrachloride	0.0500	0.05297		mg/L		106	70 - 125
Chloroform	0.0500	0.05051		mg/L		101	70 - 121
Ethylbenzene	0.0500	0.05284		mg/L		106	75 - 125
MTBE	0.0500	0.04764		mg/L		95	65 - 135
Methylene Chloride	0.0500	0.05320		mg/L		106	71 - 125
Tetrachloroethene	0.0500	0.05451		mg/L		109	71 - 125
Toluene	0.0500	0.05058		mg/L		101	75 - 130
Trichloroethene	0.0500	0.05016		mg/L		100	75 - 135
Vinyl chloride	0.0500	0.05158		mg/L		103	60 - 140
cis-1,2-Dichloroethene	0.0500	0.05130		mg/L		103	75 - 125
trans-1,2-Dichloroethene	0.0500	0.04784		mg/L		96	75 - 125

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-258656/3
Matrix: Water
Analysis Batch: 258656

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.0500	0.05291		mg/L		106	75 - 125		
m,p-Xylenes			0.0500	0.05183		mg/L		104	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*63 - 144*
4-Bromofluorobenzene (Surr)	*92*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 860-258656/4
Matrix: Water
Analysis Batch: 258656

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.05262		mg/L		105	70 - 130	1	25
1,1,2,2-Tetrachloroethane			0.0500	0.05066		mg/L		101	74 - 125	1	25
1,1,2-Trichloroethane			0.0500	0.05061		mg/L		101	75 - 130	1	25
1,1-Dichloroethane			0.0500	0.05049		mg/L		101	71 - 130	3	25
1,1-Dichloroethene			0.0500	0.04766		mg/L		95	50 - 150	8	25
1,2-Dibromoethane			0.0500	0.05258		mg/L		105	73 - 125	0	25
1,2-Dichloroethane			0.0500	0.05135		mg/L		103	72 - 130	5	25
1,2-Dichloropropane			0.0500	0.04594		mg/L		92	74 - 125	6	25
Benzene			0.0500	0.04679		mg/L		94	75 - 125	2	25
Carbon tetrachloride			0.0500	0.05518		mg/L		110	70 - 125	4	25
Chloroform			0.0500	0.05099		mg/L		102	70 - 121	1	25
Ethylbenzene			0.0500	0.05208		mg/L		104	75 - 125	1	25
MTBE			0.0500	0.05051		mg/L		101	65 - 135	6	25
Methylene Chloride			0.0500	0.05255		mg/L		105	71 - 125	1	25
Tetrachloroethene			0.0500	0.05263		mg/L		105	71 - 125	4	25
Toluene			0.0500	0.05029		mg/L		101	75 - 130	1	25
Trichloroethene			0.0500	0.05126		mg/L		103	75 - 135	2	25
Vinyl chloride			0.0500	0.05209		mg/L		104	60 - 140	1	25
cis-1,2-Dichloroethene			0.0500	0.05081		mg/L		102	75 - 125	1	25
trans-1,2-Dichloroethene			0.0500	0.04813		mg/L		96	75 - 125	1	25
o-Xylene			0.0500	0.05171		mg/L		103	75 - 125	2	25
m,p-Xylenes			0.0500	0.05300		mg/L		106	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*100*		*75 - 131*
Toluene-d8 (Surr)	*99*		*80 - 120*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 860-110123-2 MS
Matrix: Water
Analysis Batch: 258656

Client Sample ID: TMW-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.000585	U	0.0500	0.04741		mg/L		95	75 - 125
1,1,2,2-Tetrachloroethane	<0.000470	U	0.0500	0.05129		mg/L		103	74 - 125
1,1,2-Trichloroethane	<0.000411	U	0.0500	0.04582		mg/L		92	75 - 127
1,1-Dichloroethane	<0.000635	U	0.0500	0.04512		mg/L		90	72 - 125
1,1-Dichloroethene	<0.000738	U	0.0500	0.04438		mg/L		89	59 - 172
1,2-Dibromoethane	<0.000999	U	0.0500	0.05013		mg/L		100	73 - 125
1,2-Dichloroethane	<0.000372	U	0.0500	0.04674		mg/L		93	68 - 127
1,2-Dichloropropane	<0.000556	U	0.0500	0.04165		mg/L		83	74 - 125
Benzene	<0.000460	U	0.0500	0.04281		mg/L		86	66 - 142
Carbon tetrachloride	<0.000896	U	0.0500	0.04568		mg/L		91	62 - 125
Chloroform	<0.000464	U	0.0500	0.04696		mg/L		94	70 - 130
Ethylbenzene	<0.000385	U	0.0500	0.04774		mg/L		95	75 - 125
MTBE	<0.00139	U	0.0500	0.04692		mg/L		94	65 - 135
Methylene Chloride	0.00294	J	0.0500	0.04933		mg/L		93	75 - 125
Tetrachloroethene	<0.000655	U	0.0500	0.04874		mg/L		97	71 - 125
Toluene	<0.000475	U	0.0500	0.04595		mg/L		92	59 - 139
Trichloroethene	<0.00150	U	0.0500	0.04462		mg/L		89	62 - 137
Vinyl chloride	<0.000428	U	0.0500	0.04770		mg/L		95	60 - 140
cis-1,2-Dichloroethene	<0.000457	U	0.0500	0.04636		mg/L		93	75 - 125
trans-1,2-Dichloroethene	<0.000368	U	0.0500	0.04280		mg/L		86	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04790		mg/L		96	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04701		mg/L		94	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*63 - 144*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-258888/6
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 10:06	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 10:06	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 10:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*70 - 130*		*08/30/25 10:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*08/30/25 10:06*	*1*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 860-258888/3
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 860-258888/4
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-259235/1-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259235

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		09/02/25 13:55	09/03/25 16:04	1
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		09/02/25 13:55	09/03/25 16:04	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		09/02/25 13:55	09/03/25 16:04	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		09/02/25 13:55	09/03/25 16:04	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		09/02/25 13:55	09/03/25 16:04	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		09/02/25 13:55	09/03/25 16:04	1
Anthracene	<0.104	U	0.571	0.104	ug/L		09/02/25 13:55	09/03/25 16:04	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		09/02/25 13:55	09/03/25 16:04	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		09/02/25 13:55	09/03/25 16:04	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		09/02/25 13:55	09/03/25 16:04	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		09/02/25 13:55	09/03/25 16:04	1
Atrazine	<0.177	U	0.500	0.177	ug/L		09/02/25 13:55	09/03/25 16:04	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		09/02/25 13:55	09/03/25 16:04	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		09/02/25 13:55	09/03/25 16:04	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		09/02/25 13:55	09/03/25 16:04	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		09/02/25 13:55	09/03/25 16:04	1
Styrene	<1.59	U	2.29	1.59	ug/L		09/02/25 13:55	09/03/25 16:04	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		09/02/25 13:55	09/03/25 16:04	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		09/02/25 13:55	09/03/25 16:04	1
Fluorene	<0.113	U	0.571	0.113	ug/L		09/02/25 13:55	09/03/25 16:04	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		09/02/25 13:55	09/03/25 16:04	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		09/02/25 13:55	09/03/25 16:04	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		09/02/25 13:55	09/03/25 16:04	1
Pyrene	<0.129	U	0.571	0.129	ug/L		09/02/25 13:55	09/03/25 16:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		35 - 130	09/02/25 13:55	09/03/25 16:04	1
2-Fluorophenol (Surr)	107		19 - 120	09/02/25 13:55	09/03/25 16:04	1
2-Fluorobiphenyl	90		43 - 130	09/02/25 13:55	09/03/25 16:04	1
Phenol-d5 (Surr)	90		8 - 124	09/02/25 13:55	09/03/25 16:04	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: MB 860-259235/1-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259235

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	109		37 - 133	09/02/25 13:55	09/03/25 16:04	1
p-Terphenyl-d14 (Surr)	104		47 - 130	09/02/25 13:55	09/03/25 16:04	1

Lab Sample ID: LCS 860-259235/2-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259235

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	5.71	4.386		ug/L		77	52 - 125
1,2,4-Trichlorobenzene	5.71	4.053		ug/L		71	55 - 120
2-Methylnaphthalene	5.71	4.494		ug/L		79	33 - 149
Acenaphthene	5.71	4.092		ug/L		72	48 - 136
1,2-Dichlorobenzene	5.71	4.338		ug/L		76	65 - 130
Acenaphthylene	5.71	4.620		ug/L		81	40 - 149
Anthracene	5.71	5.010		ug/L		88	51 - 146
Benzo[a]anthracene	5.71	4.739		ug/L		83	43 - 145
Benzo[a]pyrene	5.71	4.247		ug/L		74	52 - 136
1,4-Dichlorobenzene	5.71	4.263		ug/L		75	60 - 150
Benzo[b]fluoranthene	5.71	4.632		ug/L		81	45 - 140
Atrazine	5.71	5.138		ug/L		90	46 - 148
Benzo[g,h,i]perylene	5.71	3.636		ug/L		64	44 - 137
Benzo[k]fluoranthene	5.71	4.595		ug/L		80	37 - 140
Pentachlorophenol	5.71	5.004		ug/L		88	33 - 150
Chrysene	5.71	4.533		ug/L		79	47 - 137
Dibenz(a,h)anthracene	5.71	3.875		ug/L		68	50 - 147
Fluoranthene	5.71	4.732		ug/L		83	50 - 144
Fluorene	5.71	4.408		ug/L		77	54 - 136
Indeno[1,2,3-cd]pyrene	5.71	3.971		ug/L		69	46 - 138
Naphthalene	5.71	4.505		ug/L		79	35 - 141
Phenanthrene	5.71	4.992		ug/L		87	54 - 141
Pyrene	5.71	4.872		ug/L		85	50 - 143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		35 - 130
2-Fluorophenol (Surr)	83		19 - 120
2-Fluorobiphenyl	75		43 - 130
Phenol-d5 (Surr)	74		8 - 124
Nitrobenzene-d5 (Surr)	95		37 - 133
p-Terphenyl-d14 (Surr)	84		47 - 130

Lab Sample ID: LCS 860-259235/4-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259235

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Styrene	22.9	14.90		ug/L		65	35 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-259235/4-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259235

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	80		35 - 130
2-Fluorophenol (Surr)	78		19 - 120
2-Fluorobiphenyl	74		43 - 130
Phenol-d5 (Surr)	70		8 - 124
Nitrobenzene-d5 (Surr)	87		37 - 133
p-Terphenyl-d14 (Surr)	74		47 - 130

Lab Sample ID: LCSD 860-259235/3-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259235

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	4.717		ug/L		83	52 - 125	7	30
1,2,4-Trichlorobenzene			5.71	4.284		ug/L		75	55 - 120	6	30
2-Methylnaphthalene			5.71	4.896		ug/L		86	33 - 149	9	30
Acenaphthene			5.71	4.230		ug/L		74	48 - 136	3	30
1,2-Dichlorobenzene			5.71	4.199		ug/L		73	65 - 130	3	30
Acenaphthylene			5.71	5.050		ug/L		88	40 - 149	9	30
Anthracene			5.71	4.920		ug/L		86	51 - 146	2	30
Benzo[a]anthracene			5.71	4.842		ug/L		85	43 - 145	2	30
Benzo[a]pyrene			5.71	4.343		ug/L		76	52 - 136	2	30
1,4-Dichlorobenzene			5.71	4.209		ug/L		74	60 - 150	1	30
Benzo[b]fluoranthene			5.71	5.147		ug/L		90	45 - 140	11	30
Atrazine			5.71	4.998		ug/L		87	46 - 148	3	30
Benzo[g,h,i]perylene			5.71	3.736		ug/L		65	44 - 137	3	30
Benzo[k]fluoranthene			5.71	4.537		ug/L		79	37 - 140	1	30
Pentachlorophenol			5.71	4.934		ug/L		86	33 - 150	1	30
Chrysene			5.71	4.737		ug/L		83	47 - 137	4	30
Dibenz(a,h)anthracene			5.71	4.058		ug/L		71	50 - 147	5	30
Fluoranthene			5.71	4.809		ug/L		84	50 - 144	2	30
Fluorene			5.71	4.572		ug/L		80	54 - 136	4	30
Indeno[1,2,3-cd]pyrene			5.71	3.979		ug/L		70	46 - 138	0	30
Naphthalene			5.71	4.923		ug/L		86	35 - 141	9	30
Phenanthrene			5.71	5.081		ug/L		89	54 - 141	2	30
Pyrene			5.71	4.702		ug/L		82	50 - 143	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		35 - 130
2-Fluorophenol (Surr)	85		19 - 120
2-Fluorobiphenyl	80		43 - 130
Phenol-d5 (Surr)	74		8 - 124
Nitrobenzene-d5 (Surr)	94		37 - 133
p-Terphenyl-d14 (Surr)	83		47 - 130

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-259235/5-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259235

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	15.39		ug/L		67	35 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*35 - 130*
2-Fluorophenol (Surr)	*81*		*19 - 120*
2-Fluorobiphenyl	*76*		*43 - 130*
Phenol-d5 (Surr)	*68*		*8 - 124*
Nitrobenzene-d5 (Surr)	*86*		*37 - 133*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*

Lab Sample ID: MB 860-259297/1-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259297

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		09/02/25 15:48	09/03/25 18:29	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		09/02/25 15:48	09/03/25 18:29	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		09/02/25 15:48	09/03/25 18:29	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		09/02/25 15:48	09/03/25 18:29	1
Anthracene	<0.104	U	0.571	0.104	ug/L		09/02/25 15:48	09/03/25 18:29	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		09/02/25 15:48	09/03/25 18:29	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		09/02/25 15:48	09/03/25 18:29	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		09/02/25 15:48	09/03/25 18:29	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		09/02/25 15:48	09/03/25 18:29	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		09/02/25 15:48	09/03/25 18:29	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		09/02/25 15:48	09/03/25 18:29	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		09/02/25 15:48	09/03/25 18:29	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		09/02/25 15:48	09/03/25 18:29	1
Fluorene	<0.113	U	0.571	0.113	ug/L		09/02/25 15:48	09/03/25 18:29	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		09/02/25 15:48	09/03/25 18:29	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		09/02/25 15:48	09/03/25 18:29	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		09/02/25 15:48	09/03/25 18:29	1
Pyrene	<0.129	U	0.571	0.129	ug/L		09/02/25 15:48	09/03/25 18:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*	*09/02/25 15:48*	*09/03/25 18:29*	*1*
2-Fluorophenol (Surr)	*85*		*19 - 120*	*09/02/25 15:48*	*09/03/25 18:29*	*1*
2-Fluorobiphenyl	*72*		*43 - 130*	*09/02/25 15:48*	*09/03/25 18:29*	*1*
Phenol-d5 (Surr)	*68*		*8 - 124*	*09/02/25 15:48*	*09/03/25 18:29*	*1*
Nitrobenzene-d5 (Surr)	*76*		*37 - 133*	*09/02/25 15:48*	*09/03/25 18:29*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*	*09/02/25 15:48*	*09/03/25 18:29*	*1*

Lab Sample ID: LCS 860-259297/2-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259297

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			5.71	4.806		ug/L		84	52 - 125		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-259297/2-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259297

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trichlorobenzene			5.71	4.220		ug/L		74	55 - 120		
2-Methylnaphthalene			5.71	5.129		ug/L		90	33 - 149		
Acenaphthene			5.71	4.245		ug/L		74	48 - 136		
1,2-Dichlorobenzene			5.71	4.300		ug/L		75	65 - 130		
Acenaphthylene			5.71	4.999		ug/L		87	40 - 149		
Anthracene			5.71	5.208		ug/L		91	51 - 146		
Benzo[a]anthracene			5.71	4.667		ug/L		82	43 - 145		
Benzo[a]pyrene			5.71	4.311		ug/L		75	52 - 136		
1,4-Dichlorobenzene			5.71	4.310		ug/L		75	60 - 150		
Benzo[b]fluoranthene			5.71	4.945		ug/L		87	45 - 140		
Atrazine			5.71	4.618		ug/L		81	46 - 148		
Benzo[g,h,i]perylene			5.71	3.793		ug/L		66	44 - 137		
Benzo[k]fluoranthene			5.71	4.253		ug/L		74	37 - 140		
Pentachlorophenol			5.71	4.639		ug/L		81	33 - 150		
Chrysene			5.71	4.649		ug/L		81	47 - 137		
Dibenz(a,h)anthracene			5.71	4.156		ug/L		73	50 - 147		
Fluoranthene			5.71	4.799		ug/L		84	50 - 144		
Fluorene			5.71	4.452		ug/L		78	54 - 136		
Indeno[1,2,3-cd]pyrene			5.71	4.019		ug/L		70	46 - 138		
Naphthalene			5.71	4.793		ug/L		84	35 - 141		
Phenanthrene			5.71	5.259		ug/L		92	54 - 141		
Pyrene			5.71	4.789		ug/L		84	50 - 143		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*35 - 130*
2-Fluorophenol (Surr)	*85*		*19 - 120*
2-Fluorobiphenyl	*77*		*43 - 130*
Phenol-d5 (Surr)	*70*		*8 - 124*
Nitrobenzene-d5 (Surr)	*85*		*37 - 133*
p-Terphenyl-d14 (Surr)	*85*		*47 - 130*

Lab Sample ID: LCS 860-259297/4-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259297

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			22.9	15.24		ug/L		67	35 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*35 - 130*
2-Fluorophenol (Surr)	*81*		*19 - 120*
2-Fluorobiphenyl	*77*		*43 - 130*
Phenol-d5 (Surr)	*70*		*8 - 124*
Nitrobenzene-d5 (Surr)	*84*		*37 - 133*
p-Terphenyl-d14 (Surr)	*78*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-259297/3-A
Matrix: Water
Analysis Batch: 260058

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259297

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			5.71	4.242		ug/L		74	52 - 125	12	30
1,2,4-Trichlorobenzene			5.71	4.203		ug/L		74	55 - 120	0	30
2-Methylnaphthalene			5.71	4.223		ug/L		74	33 - 149	19	30
Acenaphthene			5.71	4.060		ug/L		71	48 - 136	4	30
1,2-Dichlorobenzene			5.71	3.965		ug/L		69	65 - 130	8	30
Acenaphthylene			5.71	4.504		ug/L		79	40 - 149	10	30
Anthracene			5.71	4.012		ug/L		70	51 - 146	26	30
Benzo[a]anthracene			5.71	4.159		ug/L		73	43 - 145	12	30
Benzo[a]pyrene			5.71	4.391		ug/L		77	52 - 136	2	30
1,4-Dichlorobenzene			5.71	4.081		ug/L		71	60 - 150	5	30
Benzo[b]fluoranthene			5.71	4.401		ug/L		77	45 - 140	12	30
Atrazine			5.71	4.570		ug/L		80	46 - 148	1	30
Benzo[g,h,i]perylene			5.71	4.182		ug/L		73	44 - 137	10	30
Benzo[k]fluoranthene			5.71	4.095		ug/L		72	37 - 140	4	30
Pentachlorophenol			5.71	4.308		ug/L		75	33 - 150	7	30
Chrysene			5.71	4.006		ug/L		70	47 - 137	15	30
Dibenz(a,h)anthracene			5.71	4.430		ug/L		78	50 - 147	6	30
Fluoranthene			5.71	4.274		ug/L		75	50 - 144	12	30
Fluorene			5.71	4.099		ug/L		72	54 - 136	8	30
Indeno[1,2,3-cd]pyrene			5.71	4.469		ug/L		78	46 - 138	11	30
Naphthalene			5.71	4.997		ug/L		87	35 - 141	4	30
Phenanthrene			5.71	4.373		ug/L		77	54 - 141	18	30
Pyrene			5.71	4.305		ug/L		75	50 - 143	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*35 - 130*
2-Fluorophenol (Surr)	*74*		*19 - 120*
2-Fluorobiphenyl	*73*		*43 - 130*
Phenol-d5 (Surr)	*74*		*8 - 124*
Nitrobenzene-d5 (Surr)	*76*		*37 - 133*
p-Terphenyl-d14 (Surr)	*71*		*47 - 130*

Lab Sample ID: LCSD 860-259297/5-A
Matrix: Water
Analysis Batch: 259471

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259297

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	17.86		ug/L		78	35 - 130	16	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*
2-Fluorophenol (Surr)	*94*		*19 - 120*
2-Fluorobiphenyl	*88*		*43 - 130*
Phenol-d5 (Surr)	*77*		*8 - 124*
Nitrobenzene-d5 (Surr)	*94*		*37 - 133*
p-Terphenyl-d14 (Surr)	*92*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-258516/1-A
Matrix: Water
Analysis Batch: 259104

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258516

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000527	U	0.000287	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1221	<0.0000527	U	0.000573	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1232	<0.0000527	U	0.000573	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1242	<0.0000527	U	0.000287	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1248	<0.0000527	U	0.000573	0.0000527	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1254	<0.0000693	U	0.000573	0.0000693	mg/L		08/28/25 14:01	09/02/25 08:25	1
PCB-1260	<0.0000693	U	0.000287	0.0000693	mg/L		08/28/25 14:01	09/02/25 08:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*88*		*52 - 134*	*08/28/25 14:01*	*09/02/25 08:25*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*28 - 94*	*08/28/25 14:01*	*09/02/25 08:25*	*1*

Lab Sample ID: LCS 860-258516/4-A
Matrix: Water
Analysis Batch: 259104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258516

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.00580	0.005893		mg/L		102	75 - 135		
PCB-1260			0.00580	0.005626		mg/L		97	65 - 115		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*73*		*28 - 94*

Lab Sample ID: LCSD 860-258516/5-A
Matrix: Water
Analysis Batch: 259104

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258516

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00590	0.006107		mg/L		104	75 - 135	4	20
PCB-1260			0.00590	0.005823		mg/L		99	65 - 115	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*74*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-257996/3
Matrix: Water
Analysis Batch: 257996

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/27/25 09:57	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/27/25 09:57	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/27/25 09:57	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-257996/56
Matrix: Water
Analysis Batch: 257996

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/27/25 15:35	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/27/25 15:35	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/27/25 15:35	1

Lab Sample ID: LCS 860-257996/4
Matrix: Water
Analysis Batch: 257996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.586		mg/L		96	90 - 110
Fluoride	10.0	10.06		mg/L		101	90 - 110
Sulfate	10.0	9.535		mg/L		95	90 - 110

Lab Sample ID: LCS 860-257996/57
Matrix: Water
Analysis Batch: 257996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.530		mg/L		95	90 - 110
Fluoride	10.0	10.07		mg/L		101	90 - 110
Sulfate	10.0	9.455		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-257996/5
Matrix: Water
Analysis Batch: 257996

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.09		mg/L		101	90 - 110	5	20
Fluoride	10.0	10.61		mg/L		106	90 - 110	5	20
Sulfate	10.0	10.04		mg/L		100	90 - 110	5	20

Lab Sample ID: LCSD 860-257996/58
Matrix: Water
Analysis Batch: 257996

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.04		mg/L		100	90 - 110	5	20
Fluoride	10.0	10.61		mg/L		106	90 - 110	5	20
Sulfate	10.0	9.990		mg/L		100	90 - 110	6	20

Lab Sample ID: LLCS 860-257996/7
Matrix: Water
Analysis Batch: 257996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6668		mg/L		133	50 - 150
Fluoride	0.500	0.4406	J	mg/L		88	50 - 150
Sulfate	0.500	0.6085		mg/L		122	50 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-110123-2 MS
Matrix: Water
Analysis Batch: 257996

Client Sample ID: TMW-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6930		500	7298	4	mg/L		74	90 - 110
Fluoride	<5.00	U	500	529.6		mg/L		106	90 - 110
Sulfate	203		500	725.4		mg/L		104	90 - 110

Lab Sample ID: 860-110123-2 MSD
Matrix: Water
Analysis Batch: 257996

Client Sample ID: TMW-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6930		500	7279	4	mg/L		70	90 - 110	0	15
Fluoride	<5.00	U	500	533.5		mg/L		107	90 - 110	1	15
Sulfate	203		500	728.2		mg/L		105	90 - 110	0	15

Lab Sample ID: MB 860-257997/3
Matrix: Water
Analysis Batch: 257997

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/27/25 09:57	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/27/25 09:57	1

Lab Sample ID: MB 860-257997/56
Matrix: Water
Analysis Batch: 257997

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/27/25 15:35	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/27/25 15:35	1

Lab Sample ID: LCS 860-257997/4
Matrix: Water
Analysis Batch: 257997

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	10.14		mg/L		101	90 - 110
Nitrite as N	10.0	10.00		mg/L		100	90 - 110

Lab Sample ID: LCS 860-257997/57
Matrix: Water
Analysis Batch: 257997

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	10.08		mg/L		101	90 - 110
Nitrite as N	10.0	10.05		mg/L		101	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-257997/5
Matrix: Water
Analysis Batch: 257997

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			10.0	10.63		mg/L		106	90 - 110	5	20
Nitrite as N			10.0	10.48		mg/L		105	90 - 110	5	20

Lab Sample ID: LCSD 860-257997/58
Matrix: Water
Analysis Batch: 257997

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			10.0	10.61		mg/L		106	90 - 110	5	20
Nitrite as N			10.0	10.56		mg/L		106	90 - 110	5	20

Lab Sample ID: LLCS 860-257997/6
Matrix: Water
Analysis Batch: 257997

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.100	0.09795	J	mg/L		98	50 - 150		
Nitrite as N			0.100	<0.0699	U	mg/L		63	50 - 150		

Lab Sample ID: 860-110123-2 MS
Matrix: Water
Analysis Batch: 257997

Client Sample ID: TMW-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N	2.73	J	500	527.6		mg/L		105	90 - 110		
Nitrite as N	<3.50	U F1	125	151.6	F1	mg/L		121	90 - 110		

Lab Sample ID: 860-110123-2 MSD
Matrix: Water
Analysis Batch: 257997

Client Sample ID: TMW-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.73	J	500	528.3		mg/L		105	90 - 110	0	15
Nitrite as N	<3.50	U F1	125	152.2	F1	mg/L		122	90 - 110	0	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-259496/1-A
Matrix: Water
Analysis Batch: 259881

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259496

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		09/03/25 11:25	09/04/25 11:36	1
Iron	<0.0283	U	0.200	0.0283	mg/L		09/03/25 11:25	09/04/25 11:36	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		09/03/25 11:25	09/04/25 11:36	1
Sodium	<0.152	U	0.500	0.152	mg/L		09/03/25 11:25	09/04/25 11:36	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		09/03/25 11:25	09/04/25 11:36	1
SiO2	<0.370	U	1.07	0.370	mg/L		09/03/25 11:25	09/04/25 11:36	1
Potassium	<0.106	U	0.500	0.106	mg/L		09/03/25 11:25	09/04/25 11:36	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-259496/2-A
Matrix: Water
Analysis Batch: 259881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259496

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	25.90		mg/L		104	80 - 120
Iron	5.00	5.130		mg/L		103	80 - 120
Magnesium	25.0	25.50		mg/L		102	80 - 120
Sodium	25.0	25.00		mg/L		100	80 - 120
Sulfur	5.00	5.070		mg/L		101	80 - 125
SiO2	21.4	23.11		mg/L		108	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-259496/3-A
Matrix: Water
Analysis Batch: 259881

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259496

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.90		mg/L		104	80 - 120	0	20
Iron	5.00	5.120		mg/L		102	80 - 120	0	20
Magnesium	25.0	25.50		mg/L		102	80 - 120	0	20
Sodium	25.0	25.00		mg/L		100	80 - 120	0	20
Sulfur	5.00	5.060		mg/L		101	80 - 125	0	20
SiO2	21.4	23.11		mg/L		108	80 - 120	0	20
Potassium	10.0	10.00		mg/L		100	80 - 120	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-259545/1-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		09/03/25 13:23	09/05/25 02:03	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		09/03/25 13:23	09/05/25 02:03	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		09/03/25 13:23	09/05/25 02:03	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		09/03/25 13:23	09/05/25 02:03	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		09/03/25 13:23	09/05/25 02:03	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		09/03/25 13:23	09/05/25 02:03	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		09/03/25 13:23	09/05/25 02:03	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		09/03/25 13:23	09/05/25 02:03	1
Copper	<0.00100	U	0.00400	0.00100	mg/L		09/03/25 13:23	09/05/25 02:03	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		09/03/25 13:23	09/05/25 02:03	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		09/03/25 13:23	09/05/25 02:03	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		09/03/25 13:23	09/05/25 02:03	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		09/03/25 13:23	09/05/25 02:03	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		09/03/25 13:23	09/05/25 02:03	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		09/03/25 13:23	09/05/25 02:03	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		09/03/25 13:23	09/05/25 02:03	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		09/03/25 13:23	09/05/25 02:03	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		09/03/25 13:23	09/05/25 02:03	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-259545/1-A
Matrix: Water
Analysis Batch: 260188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		09/03/25 13:23	09/05/25 12:55	1

Lab Sample ID: LCS 860-259545/2-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5133		mg/L		103	80 - 120
Antimony	0.100	0.1011		mg/L		101	80 - 120
Arsenic	0.100	0.1020		mg/L		102	80 - 120
Barium	0.100	0.1006		mg/L		101	80 - 120
Beryllium	0.100	0.09679		mg/L		97	80 - 120
Cadmium	0.100	0.1005		mg/L		101	80 - 120
Chromium	0.100	0.1022		mg/L		102	80 - 120
Cobalt	0.100	0.1011		mg/L		101	80 - 120
Copper	0.100	0.1005		mg/L		100	80 - 120
Lead	0.100	0.1009		mg/L		101	80 - 120
Manganese	0.100	0.1022		mg/L		102	80 - 120
Molybdenum	0.100	0.09721		mg/L		97	80 - 120
Nickel	0.100	0.1018		mg/L		102	80 - 120
Selenium	0.100	0.1020		mg/L		102	80 - 120
Silver	0.0500	0.05059		mg/L		101	80 - 120
Thallium	0.100	0.1030		mg/L		103	80 - 120
Uranium	0.0250	0.02536		mg/L		101	80 - 120
Zinc	0.100	0.1019		mg/L		102	80 - 120

Lab Sample ID: LCS 860-259545/2-A
Matrix: Water
Analysis Batch: 260188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09508		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-259545/3-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259545

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4985		mg/L		100	80 - 120	3	20
Antimony	0.100	0.1033		mg/L		103	80 - 120	2	20
Arsenic	0.100	0.1007		mg/L		101	80 - 120	1	20
Barium	0.100	0.1002		mg/L		100	80 - 120	0	20
Beryllium	0.100	0.09647		mg/L		96	80 - 120	0	20
Cadmium	0.100	0.1004		mg/L		100	80 - 120	0	20
Chromium	0.100	0.1015		mg/L		102	80 - 120	1	20
Cobalt	0.100	0.1005		mg/L		101	80 - 120	1	20
Copper	0.100	0.09985		mg/L		100	80 - 120	1	20
Lead	0.100	0.1008		mg/L		101	80 - 120	0	20
Manganese	0.100	0.1013		mg/L		101	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-259545/3-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Molybdenum			0.100	0.09739		mg/L		97	80 - 120	0	20
Nickel			0.100	0.1020		mg/L		102	80 - 120	0	20
Selenium			0.100	0.1012		mg/L		101	80 - 120	1	20
Silver			0.0500	0.05065		mg/L		101	80 - 120	0	20
Thallium			0.100	0.1032		mg/L		103	80 - 120	0	20
Uranium			0.0250	0.02546		mg/L		102	80 - 120	0	20
Zinc			0.100	0.1010		mg/L		101	80 - 120	1	20

Lab Sample ID: LCSD 860-259545/3-A
Matrix: Water
Analysis Batch: 260188

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.09711		mg/L		97	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-258339/26-B
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259082

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		09/02/25 07:26	09/02/25 20:13	1

Lab Sample ID: LCS 860-258339/27-B
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259082

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001930		mg/L		96	80 - 120		

Lab Sample ID: LCSD 860-258339/28-B
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259082

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001896		mg/L		95	80 - 120	2	20

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-259853/16
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			09/03/25 15:46	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: 420.4 - Phenolics, Total Recoverable (Continued)

Lab Sample ID: MB 860-259853/55
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			09/03/25 17:43	1

Lab Sample ID: LCS 860-259853/17
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09370		mg/L		94	90 - 110

Lab Sample ID: LCS 860-259853/56
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09360		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-259853/18
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.09970		mg/L		100	90 - 110	6	20

Lab Sample ID: LCSD 860-259853/57
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.09790		mg/L		98	90 - 110	4	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-258830/24
Matrix: Water
Analysis Batch: 258830

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			08/28/25 18:51	1

Lab Sample ID: LCS 860-258830/25
Matrix: Water
Analysis Batch: 258830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.1029		mg/L		103	90 - 110

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate (Continued)

Lab Sample ID: LCSD 860-258830/26
Matrix: Water
Analysis Batch: 258830

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total			0.100	0.1098		mg/L		110	90 - 110	7	20

Lab Sample ID: LLCS 860-258830/27
Matrix: Water
Analysis Batch: 258830

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total			0.00500	0.006264		mg/L		125	50 - 150

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-259127/3
Matrix: Water
Analysis Batch: 259127

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			08/29/25 17:26	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/29/25 17:26	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			08/29/25 17:26	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			08/29/25 17:26	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			08/29/25 17:26	1

Lab Sample ID: LCS 860-259127/4
Matrix: Water
Analysis Batch: 259127

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity			250	251.1		mg/L		100	85 - 115

Lab Sample ID: LCSD 860-259127/5
Matrix: Water
Analysis Batch: 259127

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	251.7		mg/L		101	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258809/1
Matrix: Water
Analysis Batch: 258809

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/29/25 13:54	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 860-258809/2
Matrix: Water
Analysis Batch: 258809

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	960.0		mg/L		96	80 - 120

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

GC/MS VOA

Analysis Batch: 258651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	8260D	
MB 860-258651/9	Method Blank	Total/NA	Water	8260D	
LCS 860-258651/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-258651/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-110123-1 MS	TMW-14	Total/NA	Water	8260D	

Analysis Batch: 258656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-2	TMW-34	Total/NA	Water	8260D	
MB 860-258656/9	Method Blank	Total/NA	Water	8260D	
LCS 860-258656/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-258656/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-110123-2 MS	TMW-34	Total/NA	Water	8260D	

Analysis Batch: 258888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	8260D SIM	
860-110123-2	TMW-34	Total/NA	Water	8260D SIM	
MB 860-258888/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-258888/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-258888/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

GC/MS Semi VOA

Prep Batch: 259235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	3511	
MB 860-259235/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-259235/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-259235/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-259235/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-259235/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Prep Batch: 259297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-2	TMW-34	Total/NA	Water	3511	
MB 860-259297/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-259297/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-259297/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-259297/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-259297/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 259471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	8270E	259235
MB 860-259235/1-A	Method Blank	Total/NA	Water	8270E	259235
MB 860-259297/1-A	Method Blank	Total/NA	Water	8270E	259297
LCS 860-259235/2-A	Lab Control Sample	Total/NA	Water	8270E	259235
LCS 860-259235/4-A	Lab Control Sample	Total/NA	Water	8270E	259235
LCS 860-259297/2-A	Lab Control Sample	Total/NA	Water	8270E	259297
LCS 860-259297/4-A	Lab Control Sample	Total/NA	Water	8270E	259297

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

GC/MS Semi VOA (Continued)

Analysis Batch: 259471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-259235/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	259235
LCSD 860-259235/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	259235
LCSD 860-259297/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	259297

Analysis Batch: 259856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-2	TMW-34	Total/NA	Water	8270E	259297

Analysis Batch: 260058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-259297/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	259297

GC Semi VOA

Prep Batch: 258516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	3511	
860-110123-2	TMW-34	Total/NA	Water	3511	
MB 860-258516/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-258516/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-258516/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 259104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	8082A	258516
860-110123-2	TMW-34	Total/NA	Water	8082A	258516
MB 860-258516/1-A	Method Blank	Total/NA	Water	8082A	258516
LCS 860-258516/4-A	Lab Control Sample	Total/NA	Water	8082A	258516
LCSD 860-258516/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	258516

HPLC/IC

Analysis Batch: 257996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	300.0	
860-110123-1 - DL	TMW-14	Total/NA	Water	300.0	
860-110123-2	TMW-34	Total/NA	Water	300.0	
860-110123-2 - DL	TMW-34	Total/NA	Water	300.0	
MB 860-257996/3	Method Blank	Total/NA	Water	300.0	
MB 860-257996/56	Method Blank	Total/NA	Water	300.0	
LCS 860-257996/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-257996/57	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-257996/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-257996/58	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-257996/7	Lab Control Sample	Total/NA	Water	300.0	
860-110123-2 MS	TMW-34	Total/NA	Water	300.0	
860-110123-2 MSD	TMW-34	Total/NA	Water	300.0	

Analysis Batch: 257997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	300.0	
860-110123-2	TMW-34	Total/NA	Water	300.0	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

HPLC/IC (Continued)

Analysis Batch: 257997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257997/3	Method Blank	Total/NA	Water	300.0	
MB 860-257997/56	Method Blank	Total/NA	Water	300.0	
LCS 860-257997/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-257997/57	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-257997/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-257997/58	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-257997/6	Lab Control Sample	Total/NA	Water	300.0	
860-110123-2 MS	TMW-34	Total/NA	Water	300.0	
860-110123-2 MSD	TMW-34	Total/NA	Water	300.0	

Metals

Filtration Batch: 258339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-258339/26-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-258339/27-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-258339/28-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 259082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	7470A	
860-110123-2	TMW-34	Total/NA	Water	7470A	
MB 860-258339/26-B	Method Blank	Total/NA	Water	7470A	258339
LCS 860-258339/27-B	Lab Control Sample	Total/NA	Water	7470A	258339
LCSD 860-258339/28-B	Lab Control Sample Dup	Total/NA	Water	7470A	258339

Analysis Batch: 259380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	7470A	259082
860-110123-2	TMW-34	Total/NA	Water	7470A	259082
MB 860-258339/26-B	Method Blank	Total/NA	Water	7470A	259082
LCS 860-258339/27-B	Lab Control Sample	Total/NA	Water	7470A	259082
LCSD 860-258339/28-B	Lab Control Sample Dup	Total/NA	Water	7470A	259082

Prep Batch: 259496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	3010A	
860-110123-2	TMW-34	Total/NA	Water	3010A	
MB 860-259496/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-259496/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-259496/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 259545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	3010A	
860-110123-2	TMW-34	Total/NA	Water	3010A	
MB 860-259545/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-259545/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-259545/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Metals

Analysis Batch: 259881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	6010D	259496
860-110123-1	TMW-14	Total/NA	Water	6010D	259496
860-110123-2	TMW-34	Total/NA	Water	6010D	259496
860-110123-2	TMW-34	Total/NA	Water	6010D	259496
MB 860-259496/1-A	Method Blank	Total/NA	Water	6010D	259496
LCS 860-259496/2-A	Lab Control Sample	Total/NA	Water	6010D	259496
LCSD 860-259496/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	259496

Analysis Batch: 260108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	6020B	259545
860-110123-2	TMW-34	Total/NA	Water	6020B	259545
MB 860-259545/1-A	Method Blank	Total/NA	Water	6020B	259545
LCS 860-259545/2-A	Lab Control Sample	Total/NA	Water	6020B	259545
LCSD 860-259545/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	259545

Analysis Batch: 260188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	6020B	259545
860-110123-2	TMW-34	Total/NA	Water	6020B	259545
MB 860-259545/1-A	Method Blank	Total/NA	Water	6020B	259545
LCS 860-259545/2-A	Lab Control Sample	Total/NA	Water	6020B	259545
LCSD 860-259545/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	259545

General Chemistry

Analysis Batch: 258462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	SM 1030E	
860-110123-2	TMW-34	Total/NA	Water	SM 1030E	

Analysis Batch: 258809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	SM 2540C	
860-110123-2	TMW-34	Total/NA	Water	SM 2540C	
MB 860-258809/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258809/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 258830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	Kelada 01	
860-110123-2	TMW-34	Total/NA	Water	Kelada 01	
MB 860-258830/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-258830/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-258830/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-258830/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 259127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	SM 2320B	
860-110123-2	TMW-34	Total/NA	Water	SM 2320B	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

General Chemistry (Continued)

Analysis Batch: 259127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-259127/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-259127/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-259127/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 259454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	9040C	
860-110123-2	TMW-34	Total/NA	Water	9040C	

Analysis Batch: 259853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110123-1	TMW-14	Total/NA	Water	420.4	
860-110123-2	TMW-34	Total/NA	Water	420.4	
MB 860-259853/16	Method Blank	Total/NA	Water	420.4	
MB 860-259853/55	Method Blank	Total/NA	Water	420.4	
LCS 860-259853/17	Lab Control Sample	Total/NA	Water	420.4	
LCS 860-259853/56	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-259853/18	Lab Control Sample Dup	Total/NA	Water	420.4	
LCSD 860-259853/57	Lab Control Sample Dup	Total/NA	Water	420.4	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-14

Date Collected: 08/26/25 11:00
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258651	08/29/25 12:06	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 11:48	NA	EET HOU
Total/NA	Prep	3511			70.1 mL	4 mL	259235	09/02/25 13:55	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259471	09/03/25 21:19	T1S	EET HOU
Total/NA	Prep	3511			40.4 mL	5 mL	258516	08/28/25 14:01	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259104	09/02/25 15:56	WP	EET HOU
Total/NA	Analysis	300.0		1			257996	08/27/25 17:29	W1N	EET HOU
Total/NA	Analysis	300.0		1			257997	08/27/25 17:29	W1N	EET HOU
Total/NA	Analysis	300.0	DL	10			257996	08/27/25 17:36	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259496	09/03/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			259881	09/04/25 12:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259496	09/03/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			259881	09/04/25 12:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			260108	09/05/25 02:57	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		5			260188	09/05/25 13:14	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	259082	09/02/25 07:26	AGR	EET HOU
Total/NA	Analysis	7470A		1			259380	09/02/25 20:50	SHZ	EET HOU
Total/NA	Analysis	420.4		10	10 mL	10 mL	259853	09/03/25 20:10	BW	EET HOU
Total/NA	Analysis	9040C		1			259454	09/02/25 19:10	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258830	08/28/25 20:26	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258462	09/04/25 12:22	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			259127	08/29/25 19:52	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258809	08/29/25 13:54	AP	EET HOU

Client Sample ID: TMW-34

Date Collected: 08/26/25 12:35
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258656	08/29/25 13:34	KLV	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 12:09	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	259297	09/02/25 15:48	TH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259856	09/04/25 19:06	T1S	EET HOU
Total/NA	Prep	3511			39.7 mL	5 mL	258516	08/28/25 14:01	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259104	09/02/25 16:08	WP	EET HOU
Total/NA	Analysis	300.0		5			257996	08/27/25 17:55	W1N	EET HOU
Total/NA	Analysis	300.0		5			257997	08/27/25 17:55	W1N	EET HOU
Total/NA	Analysis	300.0	DL	50			257996	08/27/25 18:01	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259496	09/03/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		1			259881	09/04/25 12:11	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Client Sample ID: TMW-34

Date Collected: 08/26/25 12:35
Date Received: 08/27/25 09:59

Lab Sample ID: 860-110123-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	259496	09/03/25 11:25	MD	EET HOU
Total/NA	Analysis	6010D		50			259881	09/04/25 12:24	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		10			260108	09/05/25 03:01	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		10			260188	09/05/25 13:17	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	259082	09/02/25 07:26	AGR	EET HOU
Total/NA	Analysis	7470A		1			259380	09/02/25 20:51	SHZ	EET HOU
Total/NA	Analysis	420.4		100	10 mL	10 mL	259853	09/03/25 17:13	BW	EET HOU
Total/NA	Analysis	9040C		1			259454	09/02/25 19:12	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	258830	08/28/25 20:17	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258462	09/04/25 12:24	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			259127	08/29/25 19:46	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258809	08/29/25 13:54	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 860-110123-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110123-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-110123-1	TMW-14	Water	08/26/25 11:00	08/27/25 09:59	Texas
860-110123-2	TMW-34	Water	08/26/25 12:35	08/27/25 09:59	Texas

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

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Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806-300-0140	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
			Preservation Code:		X	X	D	D	D	N	N	D	S	A	A	N	N	B	N	X	
TMW-14	8-26-25	11 00	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-34	8-26-25	12 35	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-110123 Chain of Custody

Temp. 7 2 IR ID·HOU-368
C/F·-0.2
Corrected Temp: 7 0

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-26-25 15:00				
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8-27 25 959	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Received by OCD: 11/20/2025 2:07:34 PM
Page 51 of 52
9/10/2025
Released to Imaging: 3/12/2026 2:34:23 PM

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-110123-1

Login Number: 110123 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: John Grams
Terracon Consulting Eng & Scientists
5847 50th St
Lubbock, Texas 79424

Generated 9/16/2025 2:28:44 PM

JOB DESCRIPTION

EBDU 37

JOB NUMBER

860-110267-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

Released to Imaging: 3/12/2026 2:34:25 PM

my EOL

Eurofins Houston

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
9/16/2025 2:28:44 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Laboratory Job ID: 860-110267-1

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-110267-1
Project/Site: EBDU 37

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number

Definitions/Glossary

Client: Terracon Consulting Eng & Scientists Job ID: 860-110267-1
Project/Site: EBDU 37

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-110267-1
Project: EBDU 37

Job ID: 860-110267-1 **Eurofins Houston**

Job Narrative
860-110267-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/28/2025 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 3.2°C.

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E_QQQ: The laboratory is using 35 - 130% as interim acceptance criteria for recoveries of Styrene, until in-house LCS limits are developed. Data is flagged and reported.

(LCSD 860-259559/5-A)

Method 8270E_QQQ: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 860-259559 and analytical batch 860-259440 recovered outside control limits for the following analytes: Styrene.

Method 8270E_QQQ: The surrogate recovery for the laboratory control sample duplicate associated with preparation batch 860-259559 and analytical batch 860-259440 was outside the control limits.

Method 8270E_QQQ: Internal standard (ISTD) response for Chrysene-d12, Perylene-d12 and Phenanthrene-d10 for the following sample in analytical batch 860-259959 was outside acceptance criteria: TMW-01 (860-110267-3). The requested target analytes corresponding with these ISTD were non-detected; therefore, the data have been reported.

Method 8270E_QQQ: Internal standard (ISTD) response for Perylene-d12 for the following sample in analytical batch 860-259959 was outside acceptance criteria (biased low): TMW-36 (860-110267-1). The requested target analytes corresponding with these ISTD were non-detected; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Surrogate recovery for the following sample was outside the upper control limit: TMW-17 (860-110267-2). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: Surrogate DCB (Decachlorobiphenyl) in the continuing calibration verification (CCV) for batch 860-259712 was below the control limit (%D). The surrogate was recovered within laboratory control limits, therefore data was accepted.

(CCVIS 860-259712/36)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Case Narrative

Client: Terracon Consulting Eng & Scientists Job ID: 860-110267-1
Project: EBDU 37

Job ID: 860-110267-1 (Continued) Eurofins Houston

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-258381 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-258381 contained Sulfate greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been qualified and reported.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-36 (860-110267-1) and TMW-17 (860-110267-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-258381 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_ORGFMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-258382 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFMS: The following samples were diluted to bring the concentration of target analytes within the calibration range: TMW-36 (860-110267-1) and TMW-17 (860-110267-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B: The following samples were diluted due to the nature of the sample matrix: TMW-36 (860-110267-1) and TMW-17 (860-110267-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 420.4_NP: The following samples were diluted due to the presence of salt in the sample that would clog the instrument: TMW-36 (860-110267-1) and TMW-17 (860-110267-2). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-36 — Lab Sample ID: 860-110267-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00244	J	0.00500	0.00173	mg/L	1		8260D	Total/NA
Chloride	6550		25.0	12.5	mg/L	50		300.0	Total/NA
Nitrate as N	2.95	J	5.00	1.96	mg/L	50		300.0	Total/NA
Sulfate	212		25.0	10.0	mg/L	50		300.0	Total/NA
Calcium	2100		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	1.40		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	312		10.0	2.22	mg/L	50		6010D	Total/NA
Sodium	1550		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	82.5		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	67.6		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	15.9		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	3.35		0.100	0.0275	mg/L	5		6020B	Total/NA
Barium	0.292		0.0200	0.00671	mg/L	5		6020B	Total/NA
Boron	0.462		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.00431	J	0.0200	0.00280	mg/L	5		6020B	Total/NA
Manganese	0.0804		0.0100	0.00380	mg/L	5		6020B	Total/NA
Nickel	0.00514	J	0.0100	0.00264	mg/L	5		6020B	Total/NA
Selenium	0.0217		0.0100	0.00295	mg/L	5		6020B	Total/NA
Uranium	0.00897		0.00500	0.00105	mg/L	5		6020B	Total/NA
Zinc	0.0353		0.0200	0.0137	mg/L	5		6020B	Total/NA
Mercury	0.000954		0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	7.12	HF			SU	1		9040C	Total/NA
Temperature	20.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.12	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00268	J	0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	198				meq/L	1		SM 1030E	Total/NA
Total Anions	194				meq/L	1		SM 1030E	Total/NA
Percent Difference	1.13				%	1		SM 1030E	Total/NA
Alkalinity	113		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	113		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	15000		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-17 — Lab Sample ID: 860-110267-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5700		25.0	12.5	mg/L	50		300.0	Total/NA
Nitrate as N	1.55		0.500	0.196	mg/L	5		300.0	Total/NA
Sulfate	235		2.50	1.00	mg/L	5		300.0	Total/NA
Calcium	1340		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.900		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	179		10.0	2.22	mg/L	50		6010D	Total/NA
Sodium	1380		25.0	7.59	mg/L	50		6010D	Total/NA
Sulfur	67.0		5.00	1.85	mg/L	50		6010D	Total/NA
SiO2	58.9		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	12.3		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	2.29		0.100	0.0275	mg/L	5		6020B	Total/NA
Barium	0.230		0.0200	0.00671	mg/L	5		6020B	Total/NA
Boron	0.509		0.100	0.0401	mg/L	10		6020B	Total/NA
Chromium	0.00348	J	0.0200	0.00280	mg/L	5		6020B	Total/NA
Manganese	0.0236		0.0100	0.00380	mg/L	5		6020B	Total/NA
Selenium	0.0243		0.0100	0.00295	mg/L	5		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Released to Imaging: 3/12/2026 2:34:23 PM

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-17 (Continued) — Lab Sample ID: 860-110267-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Uranium	0.00625		0.00500	0.00105	mg/L	5		6020B	Total/NA
Mercury	0.000459		0.000200	0.0000706	mg/L	1		7470A	Total/NA
pH	7.13	HF			SU	1		9040C	Total/NA
Temperature	20.0	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.13	HF			SU	1		9040C	Total/NA
Total Cations	141				meq/L	1		SM 1030E	Total/NA
Total Anions	170				meq/L	1		SM 1030E	Total/NA
Percent Difference	-9.22				%	1		SM 1030E	Total/NA
Alkalinity	124		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	124		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	11600		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: TMW-01 — Lab Sample ID: 860-110267-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	110		0.500	0.250	mg/L	1		300.0	Total/NA
Nitrate as N	0.975	F1	0.100	0.0391	mg/L	1		300.0	Total/NA
Fluoride	0.475	J F1	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	19.9	F1	0.500	0.200	mg/L	1		300.0	Total/NA
Calcium	116		10.0	5.08	mg/L	50		6010D	Total/NA
Iron	0.736		0.200	0.0283	mg/L	1		6010D	Total/NA
Magnesium	11.2		0.200	0.0445	mg/L	1		6010D	Total/NA
Sodium	27.4		0.500	0.152	mg/L	1		6010D	Total/NA
Sulfur	6.07		0.100	0.0370	mg/L	1		6010D	Total/NA
SiO2	77.9		1.07	0.370	mg/L	1		6010D	Total/NA
Potassium	7.69		0.500	0.106	mg/L	1		6010D	Total/NA
Aluminum	1.32		0.0200	0.00549	mg/L	1		6020B	Total/NA
Arsenic	0.00477		0.00400	0.000690	mg/L	1		6020B	Total/NA
Barium	0.351		0.00400	0.00134	mg/L	1		6020B	Total/NA
Boron	0.192		0.0100	0.00401	mg/L	1		6020B	Total/NA
Chromium	0.00138	J	0.00400	0.000560	mg/L	1		6020B	Total/NA
Cobalt	0.000374	J	0.00200	0.000355	mg/L	1		6020B	Total/NA
Copper	0.00110	J	0.00400	0.00100	mg/L	1		6020B	Total/NA
Lead	0.000463	J	0.00200	0.000367	mg/L	1		6020B	Total/NA
Manganese	0.0126		0.00200	0.000759	mg/L	1		6020B	Total/NA
Molybdenum	0.000994	J	0.00200	0.000255	mg/L	1		6020B	Total/NA
Nickel	0.000857	J	0.00200	0.000528	mg/L	1		6020B	Total/NA
Uranium	0.00129		0.00100	0.000211	mg/L	1		6020B	Total/NA
Zinc	0.00357	J	0.00400	0.00274	mg/L	1		6020B	Total/NA
pH	7.79	HF			SU	1		9040C	Total/NA
Temperature	20.3	HF			Degrees C	1		9040C	Total/NA
Corrosivity	7.79	HF			SU	1		9040C	Total/NA
Cyanide, Total	0.00850		0.00500	0.00198	mg/L	1		Kelada 01	Total/NA
Total Cations	8.10				meq/L	1		SM 1030E	Total/NA
Total Anions	10.1				meq/L	1		SM 1030E	Total/NA
Percent Difference	-11.2				%	1		SM 1030E	Total/NA
Alkalinity	197		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	197		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	593		10.0	10.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-36

Date Collected: 08/27/25 09:05
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 12:29	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 12:29	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/30/25 12:29*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/30/25 12:29*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 22:01	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 22:01	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 22:01	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 22:01	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 22:01	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 22:01	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 22:01	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 22:01	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 22:01	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 22:01	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 22:01	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 22:01	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 22:01	1
Methylene Chloride	**0.00244**	**J**	0.00500	0.00173	mg/L			08/29/25 22:01	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 22:01	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 22:01	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 22:01	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 22:01	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 22:01	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 22:01	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 22:01	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 22:01	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*63 - 144*		*08/29/25 22:01*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*08/29/25 22:01*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 131*		*08/29/25 22:01*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/29/25 22:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0974	U	0.580	0.0974	ug/L		09/03/25 13:51	09/05/25 07:17	1
1,2,4-Trichlorobenzene	<0.123	U	0.580	0.123	ug/L		09/03/25 13:51	09/05/25 07:17	1
2-Methylnaphthalene	<0.111	U	0.580	0.111	ug/L		09/03/25 13:51	09/05/25 07:17	1
Acenaphthene	<0.103	U	0.580	0.103	ug/L		09/03/25 13:51	09/05/25 07:17	1
1,2-Dichlorobenzene	<0.102	U	0.580	0.102	ug/L		09/03/25 13:51	09/05/25 07:17	1
Acenaphthylene	<0.127	U	0.580	0.127	ug/L		09/03/25 13:51	09/05/25 07:17	1
Anthracene	<0.106	U	0.580	0.106	ug/L		09/03/25 13:51	09/05/25 07:17	1
Benzo[a]anthracene	<0.129	U	0.290	0.129	ug/L		09/03/25 13:51	09/05/25 07:17	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-36
Date Collected: 08/27/25 09:05
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.109	U *3	0.290	0.109	ug/L		09/03/25 13:51	09/05/25 07:17	1
1,4-Dichlorobenzene	<0.111	U	0.580	0.111	ug/L		09/03/25 13:51	09/05/25 07:17	1
Benzo[b]fluoranthene	<0.126	U	0.580	0.126	ug/L		09/03/25 13:51	09/05/25 07:17	1
Atrazine	<0.180	U	0.507	0.180	ug/L		09/03/25 13:51	09/05/25 07:17	1
Benzo[g,h,i]perylene	<0.0916	U *3	0.580	0.0916	ug/L		09/03/25 13:51	09/05/25 07:17	1
Benzo[k]fluoranthene	<0.125	U	0.580	0.125	ug/L		09/03/25 13:51	09/05/25 07:17	1
Pentachlorophenol	<0.316	U	0.580	0.316	ug/L		09/03/25 13:51	09/05/25 07:17	1
Chrysene	<0.0979	U	0.580	0.0979	ug/L		09/03/25 13:51	09/05/25 07:17	1
Styrene	<1.62	U *- *1	2.32	1.62	ug/L		09/03/25 13:51	09/05/25 07:17	1
Dibenz(a,h)anthracene	<0.0863	U *3	0.116	0.0863	ug/L		09/03/25 13:51	09/05/25 07:17	1
Fluoranthene	<0.122	U	0.580	0.122	ug/L		09/03/25 13:51	09/05/25 07:17	1
Fluorene	<0.115	U	0.580	0.115	ug/L		09/03/25 13:51	09/05/25 07:17	1
Indeno[1,2,3-cd]pyrene	<0.104	U *3	0.580	0.104	ug/L		09/03/25 13:51	09/05/25 07:17	1
Naphthalene	<0.116	U	0.580	0.116	ug/L		09/03/25 13:51	09/05/25 07:17	1
Phenanthrene	<0.108	U	0.580	0.108	ug/L		09/03/25 13:51	09/05/25 07:17	1
Pyrene	<0.131	U	0.580	0.131	ug/L		09/03/25 13:51	09/05/25 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*35 - 130*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
2-Fluorobiphenyl	*90*		*43 - 130*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
2-Fluorophenol (Surr)	*61*		*19 - 120*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
2-Fluorobiphenyl	*90*		*43 - 130*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
Nitrobenzene-d5 (Surr)	*87*		*37 - 133*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
Phenol-d5 (Surr)	*29*		*8 - 124*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
Nitrobenzene-d5 (Surr)	*87*		*37 - 133*	*09/03/25 13:51*	*09/05/25 07:17*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 130*	*09/03/25 13:51*	*09/05/25 07:17*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000459	U	0.000250	0.0000459	mg/L		09/02/25 14:29	09/04/25 14:08	1
PCB-1221	<0.0000459	U	0.000500	0.0000459	mg/L		09/02/25 14:29	09/04/25 14:08	1
PCB-1232	<0.0000459	U	0.000500	0.0000459	mg/L		09/02/25 14:29	09/04/25 14:08	1
PCB-1242	<0.0000459	U	0.000250	0.0000459	mg/L		09/02/25 14:29	09/04/25 14:08	1
PCB-1248	<0.0000459	U	0.000500	0.0000459	mg/L		09/02/25 14:29	09/04/25 14:08	1
PCB-1254	<0.0000605	U	0.000500	0.0000605	mg/L		09/02/25 14:29	09/04/25 14:08	1
PCB-1260	<0.0000605	U	0.000250	0.0000605	mg/L		09/02/25 14:29	09/04/25 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*52 - 134*	*09/02/25 14:29*	*09/04/25 14:08*	*1*
DCB Decachlorobiphenyl (Surr)	*40*		*28 - 94*	*09/02/25 14:29*	*09/04/25 14:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6550**		25.0	12.5	mg/L			08/28/25 16:41	50
Nitrate as N	**2.95**	**J**	5.00	1.96	mg/L			08/28/25 16:41	50
Fluoride	<5.00	U	25.0	5.00	mg/L			08/28/25 16:41	50
Nitrite as N	<3.50	U	5.00	3.50	mg/L			08/28/25 16:41	50
Sulfate	**212**		25.0	10.0	mg/L			08/28/25 16:41	50

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-36

Date Collected: 08/27/25 09:05
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-1

Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**2100**		10.0	5.08	mg/L		09/04/25 10:14	09/04/25 18:52	50
Iron	**1.40**		0.200	0.0283	mg/L		09/04/25 10:14	09/04/25 18:44	1
Magnesium	**312**		10.0	2.22	mg/L		09/04/25 10:14	09/04/25 18:52	50
Sodium	**1550**		25.0	7.59	mg/L		09/04/25 10:14	09/04/25 18:52	50
Sulfur	**82.5**		5.00	1.85	mg/L		09/04/25 10:14	09/04/25 18:52	50
SiO2	**67.6**		1.07	0.370	mg/L		09/04/25 10:14	09/04/25 18:44	1
Potassium	**15.9**		0.500	0.106	mg/L		09/04/25 10:14	09/04/25 18:44	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3.35**		0.100	0.0275	mg/L		09/03/25 13:23	09/05/25 03:53	5
Antimony	<0.00375	U	0.0100	0.00375	mg/L		09/03/25 13:23	09/05/25 03:53	5
Arsenic	<0.00345	U	0.0200	0.00345	mg/L		09/03/25 13:23	09/05/25 03:53	5
Barium	**0.292**		0.0200	0.00671	mg/L		09/03/25 13:23	09/05/25 03:53	5
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		09/03/25 13:23	09/05/25 03:53	5
Boron	**0.462**		0.100	0.0401	mg/L		09/03/25 13:23	09/05/25 13:31	10
Cadmium	<0.00120	U	0.0100	0.00120	mg/L		09/03/25 13:23	09/05/25 03:53	5
Chromium	**0.00431**	**J**	0.0200	0.00280	mg/L		09/03/25 13:23	09/05/25 03:53	5
Cobalt	<0.00178	U	0.0100	0.00178	mg/L		09/03/25 13:23	09/05/25 03:53	5
Copper	<0.00500	U	0.0200	0.00500	mg/L		09/03/25 13:23	09/05/25 03:53	5
Lead	<0.00184	U	0.0100	0.00184	mg/L		09/03/25 13:23	09/05/25 03:53	5
Manganese	**0.0804**		0.0100	0.00380	mg/L		09/03/25 13:23	09/05/25 03:53	5
Molybdenum	<0.00128	U	0.0100	0.00128	mg/L		09/03/25 13:23	09/05/25 03:53	5
Nickel	**0.00514**	**J**	0.0100	0.00264	mg/L		09/03/25 13:23	09/05/25 03:53	5
Selenium	**0.0217**		0.0100	0.00295	mg/L		09/03/25 13:23	09/05/25 03:53	5
Silver	<0.00195	U	0.0100	0.00195	mg/L		09/03/25 13:23	09/05/25 03:53	5
Thallium	<0.00208	U	0.0100	0.00208	mg/L		09/03/25 13:23	09/05/25 03:53	5
Uranium	**0.00897**		0.00500	0.00105	mg/L		09/03/25 13:23	09/05/25 03:53	5
Zinc	**0.0353**		0.0200	0.0137	mg/L		09/03/25 13:23	09/05/25 03:53	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000954**		0.000200	0.0000706	mg/L		09/02/25 07:28	09/02/25 21:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.580	U	1.00	0.580	mg/L			09/03/25 20:34	100
pH (SW846 9040C)	**7.12**	**HF**			SU			09/04/25 14:16	1
Temperature (SW846 9040C)	**20.0**	**HF**			Degrees C			09/04/25 14:16	1
Corrosivity (SW846 9040C)	**7.12**	**HF**			SU			09/04/25 14:16	1
Cyanide, Total (EPA Kelada 01)	**0.00268**	**J**	0.00500	0.00198	mg/L			09/02/25 21:42	1
Total Cations (SM 1030E)	**198**				meq/L			09/04/25 18:52	1
Total Anions (SM 1030E)	**194**				meq/L			09/04/25 18:52	1
Percent Difference (SM 1030E)	**1.13**				%			09/04/25 18:52	1
Alkalinity (SM 2320B)	**113**		4.00	4.00	mg/L			09/02/25 16:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**113**		4.00	4.00	mg/L			09/02/25 16:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:56	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:56	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:56	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-36

Lab Sample ID: 860-110267-1
Matrix: Water
Date Collected: 08/27/25 09:05
Date Received: 08/28/25 08:45

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15000		100	100	mg/L			08/30/25 11:28	1

Client Sample ID: TMW-17

Lab Sample ID: 860-110267-2
Matrix: Water
Date Collected: 08/27/25 10:40
Date Received: 08/28/25 08:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 12:50	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 12:50	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 12:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*70 - 130*		*08/30/25 12:50*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*08/30/25 12:50*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 22:22	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 22:22	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 22:22	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 22:22	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 22:22	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 22:22	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 22:22	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 22:22	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 22:22	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 22:22	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 22:22	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 22:22	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 22:22	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/29/25 22:22	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 22:22	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 22:22	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 22:22	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 22:22	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 22:22	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 22:22	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 22:22	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 22:22	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 144*		*08/29/25 22:22*	*1*
4-Bromofluorobenzene (Surr)	*95*		*74 - 124*		*08/29/25 22:22*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 131*		*08/29/25 22:22*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/29/25 22:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0960	U	0.571	0.0960	ug/L		09/03/25 13:51	09/05/25 07:45	1

Eurofins Houston

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-17
Date Collected: 08/27/25 10:40
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		09/03/25 13:51	09/05/25 07:45	1
2-Methylnaphthalene	<0.109	U	0.571	0.109	ug/L		09/03/25 13:51	09/05/25 07:45	1
Acenaphthene	<0.101	U	0.571	0.101	ug/L		09/03/25 13:51	09/05/25 07:45	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		09/03/25 13:51	09/05/25 07:45	1
Acenaphthylene	<0.125	U	0.571	0.125	ug/L		09/03/25 13:51	09/05/25 07:45	1
Anthracene	<0.104	U	0.571	0.104	ug/L		09/03/25 13:51	09/05/25 07:45	1
Benzo[a]anthracene	<0.127	U	0.286	0.127	ug/L		09/03/25 13:51	09/05/25 07:45	1
Benzo[a]pyrene	<0.107	U	0.286	0.107	ug/L		09/03/25 13:51	09/05/25 07:45	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		09/03/25 13:51	09/05/25 07:45	1
Benzo[b]fluoranthene	<0.124	U	0.571	0.124	ug/L		09/03/25 13:51	09/05/25 07:45	1
Atrazine	<0.177	U	0.500	0.177	ug/L		09/03/25 13:51	09/05/25 07:45	1
Benzo[g,h,i]perylene	<0.0903	U	0.571	0.0903	ug/L		09/03/25 13:51	09/05/25 07:45	1
Benzo[k]fluoranthene	<0.123	U	0.571	0.123	ug/L		09/03/25 13:51	09/05/25 07:45	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		09/03/25 13:51	09/05/25 07:45	1
Chrysene	<0.0965	U	0.571	0.0965	ug/L		09/03/25 13:51	09/05/25 07:45	1
Styrene	<1.59	U *- *1	2.29	1.59	ug/L		09/03/25 13:51	09/05/25 07:45	1
Dibenz(a,h)anthracene	<0.0851	U	0.114	0.0851	ug/L		09/03/25 13:51	09/05/25 07:45	1
Fluoranthene	<0.120	U	0.571	0.120	ug/L		09/03/25 13:51	09/05/25 07:45	1
Fluorene	<0.113	U	0.571	0.113	ug/L		09/03/25 13:51	09/05/25 07:45	1
Indeno[1,2,3-cd]pyrene	<0.103	U	0.571	0.103	ug/L		09/03/25 13:51	09/05/25 07:45	1
Naphthalene	<0.114	U	0.571	0.114	ug/L		09/03/25 13:51	09/05/25 07:45	1
Phenanthrene	<0.107	U	0.571	0.107	ug/L		09/03/25 13:51	09/05/25 07:45	1
Pyrene	<0.129	U	0.571	0.129	ug/L		09/03/25 13:51	09/05/25 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*35 - 130*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
2-Fluorobiphenyl	*88*		*43 - 130*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
2-Fluorophenol (Surr)	*53*		*19 - 120*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
2-Fluorobiphenyl	*88*		*43 - 130*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
Phenol-d5 (Surr)	*24*		*8 - 124*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
p-Terphenyl-d14 (Surr)	*94*		*47 - 130*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 133*	*09/03/25 13:51*	*09/05/25 07:45*	*1*
p-Terphenyl-d14 (Surr)	*94*		*47 - 130*	*09/03/25 13:51*	*09/05/25 07:45*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000450	U	0.000245	0.0000450	mg/L		09/02/25 14:29	09/04/25 14:19	1
PCB-1221	<0.0000450	U	0.000490	0.0000450	mg/L		09/02/25 14:29	09/04/25 14:19	1
PCB-1232	<0.0000450	U	0.000490	0.0000450	mg/L		09/02/25 14:29	09/04/25 14:19	1
PCB-1242	<0.0000450	U	0.000245	0.0000450	mg/L		09/02/25 14:29	09/04/25 14:19	1
PCB-1248	<0.0000450	U	0.000490	0.0000450	mg/L		09/02/25 14:29	09/04/25 14:19	1
PCB-1254	<0.0000593	U	0.000490	0.0000593	mg/L		09/02/25 14:29	09/04/25 14:19	1
PCB-1260	<0.0000593	U	0.000245	0.0000593	mg/L		09/02/25 14:29	09/04/25 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*704*	*S1+*	*52 - 134*	*09/02/25 14:29*	*09/04/25 14:19*	*1*
DCB Decachlorobiphenyl (Surr)	*36*		*28 - 94*	*09/02/25 14:29*	*09/04/25 14:19*	*1*

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-17

Date Collected: 08/27/25 10:40
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5700**		25.0	12.5	mg/L			08/28/25 16:53	50
Nitrate as N	**1.55**		0.500	0.196	mg/L			08/28/25 16:47	5
Fluoride	<0.500	U	2.50	0.500	mg/L			08/28/25 16:47	5
Nitrite as N	<0.350	U	0.500	0.350	mg/L			08/28/25 16:47	5
Sulfate	**235**		2.50	1.00	mg/L			08/28/25 16:47	5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1340**		10.0	5.08	mg/L		09/04/25 10:14	09/04/25 18:53	50
Iron	**0.900**		0.200	0.0283	mg/L		09/04/25 10:14	09/04/25 18:46	1
Magnesium	**179**		10.0	2.22	mg/L		09/04/25 10:14	09/04/25 18:53	50
Sodium	**1380**		25.0	7.59	mg/L		09/04/25 10:14	09/04/25 18:53	50
Sulfur	**67.0**		5.00	1.85	mg/L		09/04/25 10:14	09/04/25 18:53	50
SiO2	**58.9**		1.07	0.370	mg/L		09/04/25 10:14	09/04/25 18:46	1
Potassium	**12.3**		0.500	0.106	mg/L		09/04/25 10:14	09/04/25 18:46	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**2.29**		0.100	0.0275	mg/L		09/03/25 13:23	09/05/25 04:02	5
Antimony	<0.00375	U	0.0100	0.00375	mg/L		09/03/25 13:23	09/05/25 04:02	5
Arsenic	<0.00345	U	0.0200	0.00345	mg/L		09/03/25 13:23	09/05/25 04:02	5
Barium	**0.230**		0.0200	0.00671	mg/L		09/03/25 13:23	09/05/25 04:02	5
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		09/03/25 13:23	09/05/25 04:02	5
Boron	**0.509**		0.100	0.0401	mg/L		09/03/25 13:23	09/05/25 13:34	10
Cadmium	<0.00120	U	0.0100	0.00120	mg/L		09/03/25 13:23	09/05/25 04:02	5
Chromium	**0.00348**	**J**	0.0200	0.00280	mg/L		09/03/25 13:23	09/05/25 04:02	5
Cobalt	<0.00178	U	0.0100	0.00178	mg/L		09/03/25 13:23	09/05/25 04:02	5
Copper	<0.00500	U	0.0200	0.00500	mg/L		09/03/25 13:23	09/05/25 04:02	5
Lead	<0.00184	U	0.0100	0.00184	mg/L		09/03/25 13:23	09/05/25 04:02	5
Manganese	**0.0236**		0.0100	0.00380	mg/L		09/03/25 13:23	09/05/25 04:02	5
Molybdenum	<0.00128	U	0.0100	0.00128	mg/L		09/03/25 13:23	09/05/25 04:02	5
Nickel	<0.00264	U	0.0100	0.00264	mg/L		09/03/25 13:23	09/05/25 04:02	5
Selenium	**0.0243**		0.0100	0.00295	mg/L		09/03/25 13:23	09/05/25 04:02	5
Silver	<0.00195	U	0.0100	0.00195	mg/L		09/03/25 13:23	09/05/25 04:02	5
Thallium	<0.00208	U	0.0100	0.00208	mg/L		09/03/25 13:23	09/05/25 04:02	5
Uranium	**0.00625**		0.00500	0.00105	mg/L		09/03/25 13:23	09/05/25 04:02	5
Zinc	<0.0137	U	0.0200	0.0137	mg/L		09/03/25 13:23	09/05/25 04:02	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000459**		0.000200	0.0000706	mg/L		09/02/25 07:28	09/02/25 21:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.580	U	1.00	0.580	mg/L			09/03/25 20:37	100
pH (SW846 9040C)	**7.13**	**HF**			SU			09/04/25 14:21	1
Temperature (SW846 9040C)	**20.0**	**HF**			Degrees C			09/04/25 14:21	1
Corrosivity (SW846 9040C)	**7.13**	**HF**			SU			09/04/25 14:21	1
Cyanide, Total (EPA Kelada 01)	<0.00198	U	0.00500	0.00198	mg/L			09/02/25 21:45	1
Total Cations (SM 1030E)	**141**				meq/L			09/04/25 18:53	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-17

Lab Sample ID: 860-110267-2
Date Collected: 08/27/25 10:40
Matrix: Water
Date Received: 08/28/25 08:45

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Anions (SM 1030E)	**170**				meq/L			09/04/25 18:53	1
Percent Difference (SM 1030E)	**-9.22**				%			09/04/25 18:53	1
Alkalinity (SM 2320B)	**124**		4.00	4.00	mg/L			09/02/25 16:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**124**		4.00	4.00	mg/L			09/02/25 16:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:32	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:32	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:32	1
Total Dissolved Solids (SM 2540C)	**11600**		100	100	mg/L			08/30/25 11:28	1

Client Sample ID: TMW-01

Lab Sample ID: 860-110267-3
Date Collected: 08/27/25 12:25
Matrix: Water
Date Received: 08/28/25 08:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 13:11	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 13:11	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*70 - 130*		*08/30/25 13:11*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*08/30/25 13:11*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 22:42	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 22:42	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 22:42	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 22:42	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 22:42	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 22:42	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 22:42	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 22:42	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 22:42	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 22:42	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 22:42	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 22:42	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 22:42	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/29/25 22:42	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 22:42	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 22:42	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 22:42	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 22:42	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 22:42	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 22:42	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 22:42	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 22:42	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 22:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Job ID: 860-110267-1
Project/Site: EBDU 37

Client Sample ID: TMW-01
Lab Sample ID: 860-110267-3
Date Collected: 08/27/25 12:25
Matrix: Water
Date Received: 08/28/25 08:45

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 144*		*08/29/25 22:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*74 - 124*		*08/29/25 22:42*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 131*		*08/29/25 22:42*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*08/29/25 22:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.0962	U	0.572	0.0962	ug/L		09/03/25 13:51	09/05/25 08:13	1
1,2,4-Trichlorobenzene	<0.121	U	0.572	0.121	ug/L		09/03/25 13:51	09/05/25 08:13	1
2-Methylnaphthalene	<0.109	U	0.572	0.109	ug/L		09/03/25 13:51	09/05/25 08:13	1
Acenaphthene	<0.101	U	0.572	0.101	ug/L		09/03/25 13:51	09/05/25 08:13	1
1,2-Dichlorobenzene	<0.101	U	0.572	0.101	ug/L		09/03/25 13:51	09/05/25 08:13	1
Acenaphthylene	<0.125	U	0.572	0.125	ug/L		09/03/25 13:51	09/05/25 08:13	1
Anthracene	<0.104	U *3	0.572	0.104	ug/L		09/03/25 13:51	09/05/25 08:13	1
Benzo[a]anthracene	<0.127	U *3	0.286	0.127	ug/L		09/03/25 13:51	09/05/25 08:13	1
Benzo[a]pyrene	<0.107	U *3	0.286	0.107	ug/L		09/03/25 13:51	09/05/25 08:13	1
1,4-Dichlorobenzene	<0.110	U	0.572	0.110	ug/L		09/03/25 13:51	09/05/25 08:13	1
Benzo[b]fluoranthene	<0.124	U *3	0.572	0.124	ug/L		09/03/25 13:51	09/05/25 08:13	1
Atrazine	<0.177	U	0.501	0.177	ug/L		09/03/25 13:51	09/05/25 08:13	1
Benzo[g,h,i]perylene	<0.0904	U *3	0.572	0.0904	ug/L		09/03/25 13:51	09/05/25 08:13	1
Benzo[k]fluoranthene	<0.123	U *3	0.572	0.123	ug/L		09/03/25 13:51	09/05/25 08:13	1
Pentachlorophenol	<0.312	U	0.572	0.312	ug/L		09/03/25 13:51	09/05/25 08:13	1
Chrysene	<0.0967	U *3	0.572	0.0967	ug/L		09/03/25 13:51	09/05/25 08:13	1
Styrene	<1.60	U *- *1	2.29	1.60	ug/L		09/03/25 13:51	09/05/25 08:13	1
Dibenz(a,h)anthracene	<0.0852	U *3	0.114	0.0852	ug/L		09/03/25 13:51	09/05/25 08:13	1
Fluoranthene	<0.120	U *3	0.572	0.120	ug/L		09/03/25 13:51	09/05/25 08:13	1
Fluorene	<0.113	U	0.572	0.113	ug/L		09/03/25 13:51	09/05/25 08:13	1
Indeno[1,2,3-cd]pyrene	<0.103	U *3	0.572	0.103	ug/L		09/03/25 13:51	09/05/25 08:13	1
Naphthalene	<0.114	U	0.572	0.114	ug/L		09/03/25 13:51	09/05/25 08:13	1
Phenanthrene	<0.107	U *3	0.572	0.107	ug/L		09/03/25 13:51	09/05/25 08:13	1
Pyrene	<0.129	U *3	0.572	0.129	ug/L		09/03/25 13:51	09/05/25 08:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*106*		*35 - 130*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
2-Fluorobiphenyl	*109*		*43 - 130*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
2-Fluorophenol (Surr)	*60*	**3*	*19 - 120*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
2-Fluorobiphenyl	*109*		*43 - 130*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
Phenol-d5 (Surr)	*29*		*8 - 124*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
p-Terphenyl-d14 (Surr)	*115*	**3*	*47 - 130*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
Nitrobenzene-d5 (Surr)	*102*		*37 - 133*	*09/03/25 13:51*	*09/05/25 08:13*	*1*
p-Terphenyl-d14 (Surr)	*115*	**3*	*47 - 130*	*09/03/25 13:51*	*09/05/25 08:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000479	U	0.000261	0.0000479	mg/L		09/02/25 14:29	09/04/25 14:30	1
PCB-1221	<0.0000479	U	0.000522	0.0000479	mg/L		09/02/25 14:29	09/04/25 14:30	1
PCB-1232	<0.0000479	U	0.000522	0.0000479	mg/L		09/02/25 14:29	09/04/25 14:30	1
PCB-1242	<0.0000479	U	0.000261	0.0000479	mg/L		09/02/25 14:29	09/04/25 14:30	1
PCB-1248	<0.0000479	U	0.000522	0.0000479	mg/L		09/02/25 14:29	09/04/25 14:30	1
PCB-1254	<0.0000631	U	0.000522	0.0000631	mg/L		09/02/25 14:29	09/04/25 14:30	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-01

Date Collected: 08/27/25 12:25
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-3

Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.0000631	U	0.000261	0.0000631	mg/L		09/02/25 14:29	09/04/25 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*52 - 134*	*09/02/25 14:29*	*09/04/25 14:30*	*1*
DCB Decachlorobiphenyl (Surr)	*29*		*28 - 94*	*09/02/25 14:29*	*09/04/25 14:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		0.500	0.250	mg/L			08/28/25 17:32	1
Nitrate as N	**0.975**	**F1**	0.100	0.0391	mg/L			08/28/25 17:32	1
Fluoride	**0.475**	**J F1**	0.500	0.100	mg/L			08/28/25 17:32	1
Nitrite as N	<0.0699	U F1	0.100	0.0699	mg/L			08/28/25 17:32	1
Sulfate	**19.9**	**F1**	0.500	0.200	mg/L			08/28/25 17:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**116**		10.0	5.08	mg/L		09/04/25 10:14	09/04/25 18:55	50
Iron	**0.736**		0.200	0.0283	mg/L		09/04/25 10:14	09/04/25 18:47	1
Magnesium	**11.2**		0.200	0.0445	mg/L		09/04/25 10:14	09/04/25 18:47	1
Sodium	**27.4**		0.500	0.152	mg/L		09/04/25 10:14	09/04/25 18:47	1
Sulfur	**6.07**		0.100	0.0370	mg/L		09/04/25 10:14	09/04/25 18:47	1
SiO2	**77.9**		1.07	0.370	mg/L		09/04/25 10:14	09/04/25 18:47	1
Potassium	**7.69**		0.500	0.106	mg/L		09/04/25 10:14	09/04/25 18:47	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.32**		0.0200	0.00549	mg/L		09/03/25 13:23	09/05/25 04:04	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		09/03/25 13:23	09/05/25 04:04	1
Arsenic	**0.00477**		0.00400	0.000690	mg/L		09/03/25 13:23	09/05/25 04:04	1
Barium	**0.351**		0.00400	0.00134	mg/L		09/03/25 13:23	09/05/25 04:04	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		09/03/25 13:23	09/05/25 04:04	1
Boron	**0.192**		0.0100	0.00401	mg/L		09/03/25 13:23	09/05/25 13:37	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		09/03/25 13:23	09/05/25 04:04	1
Chromium	**0.00138**	**J**	0.00400	0.000560	mg/L		09/03/25 13:23	09/05/25 04:04	1
Cobalt	**0.000374**	**J**	0.00200	0.000355	mg/L		09/03/25 13:23	09/05/25 04:04	1
Copper	**0.00110**	**J**	0.00400	0.00100	mg/L		09/03/25 13:23	09/05/25 04:04	1
Lead	**0.000463**	**J**	0.00200	0.000367	mg/L		09/03/25 13:23	09/05/25 04:04	1
Manganese	**0.0126**		0.00200	0.000759	mg/L		09/03/25 13:23	09/05/25 04:04	1
Molybdenum	**0.000994**	**J**	0.00200	0.000255	mg/L		09/03/25 13:23	09/05/25 04:04	1
Nickel	**0.000857**	**J**	0.00200	0.000528	mg/L		09/03/25 13:23	09/05/25 04:04	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		09/03/25 13:23	09/05/25 04:04	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		09/03/25 13:23	09/05/25 04:04	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		09/03/25 13:23	09/05/25 04:04	1
Uranium	**0.00129**		0.00100	0.000211	mg/L		09/03/25 13:23	09/05/25 04:04	1
Zinc	**0.00357**	**J**	0.00400	0.00274	mg/L		09/03/25 13:23	09/05/25 04:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		09/02/25 07:28	09/02/25 21:19	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-01

Date Collected: 08/27/25 12:25
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-3

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total (EPA 420.4)	<0.00580	U	0.0100	0.00580	mg/L			09/03/25 18:10	1
pH (SW846 9040C)	**7.79**	**HF**			SU			09/04/25 14:18	1
Temperature (SW846 9040C)	**20.3**	**HF**			Degrees C			09/04/25 14:18	1
Corrosivity (SW846 9040C)	**7.79**	**HF**			SU			09/04/25 14:18	1
Cyanide, Total (EPA Kelada 01)	**0.00850**		0.00500	0.00198	mg/L			09/02/25 21:48	1
Total Cations (SM 1030E)	**8.10**				meq/L			09/04/25 18:55	1
Total Anions (SM 1030E)	**10.1**				meq/L			09/04/25 18:55	1
Percent Difference (SM 1030E)	**-11.2**				%			09/04/25 18:55	1
Alkalinity (SM 2320B)	**197**		4.00	4.00	mg/L			09/02/25 16:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**197**		4.00	4.00	mg/L			09/02/25 16:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:38	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:38	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			09/02/25 16:38	1
Total Dissolved Solids (SM 2540C)	**593**		10.0	10.0	mg/L			08/30/25 11:28	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
860-110267-1	TMW-36	96	102	91	96
860-110267-1 MS	TMW-36	87	100	90	95
860-110267-2	TMW-17	99	95	99	99
860-110267-3	TMW-01	95	98	93	96
LCS 860-258872/3	Lab Control Sample	86	103	93	98
LCSD 860-258872/4	Lab Control Sample Dup	87	102	90	98
MB 860-258872/9	Method Blank	92	101	91	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TOL	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
860-110267-1	TMW-36	93	101
860-110267-2	TMW-17	91	102
860-110267-3	TMW-01	93	101
LCS 860-258888/3	Lab Control Sample	93	102
LCSD 860-258888/4	Lab Control Sample Dup	94	99
MB 860-258888/6	Method Blank	96	100

Surrogate Legend

TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	2FP	FBP	FBP	PHL	NBZ	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(35-130)	(19-120)	(43-130)	(43-130)	(8-124)	(37-133)	(37-133)	(47-130)
860-110267-1	TMW-36	97	61	90	90	29	87	87	79
860-110267-2	TMW-17	90	53	88	88	24	83	83	94
860-110267-3	TMW-01	106	60 *3	109	109	29	102	102	115 *3
LCS 860-259559/2-A	Lab Control Sample	62	70	67	67	73	71	71	66
LCS 860-259559/4-A	Lab Control Sample	59	70	67	67	69	66	66	65
LCSD 860-259559/3-A	Lab Control Sample Dup	60	67	63	63	70	65	65	62
LCSD 860-259559/5-A	Lab Control Sample Dup	25 S1-	31	30 S1-	30 S1-	33	30 S1-	30 S1-	28 S1-
MB 860-259559/1-A	Method Blank	51	71	58	58	66	60	60	63

		Percent Surrogate Recovery (Acceptance Limits)
		TPHd14
Lab Sample ID	Client Sample ID	(47-130)
860-110267-1	TMW-36	79
860-110267-2	TMW-17	94
860-110267-3	TMW-01	115 *3

Surrogate Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-110267-1
Project/Site: EBDU 37

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	TPHd14 (47-130)								
LCS 860-259559/2-A	Lab Control Sample	66								
LCS 860-259559/4-A	Lab Control Sample	65								
LCSD 860-259559/3-A	Lab Control Sample Dup	62								
LCSD 860-259559/5-A	Lab Control Sample Dup	28 S1-								
MB 860-259559/1-A	Method Blank	63								

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	TCX2 (52-134)	DCB2 (28-94)							
860-110267-1	TMW-36	74	40							
860-110267-2	TMW-17	704 S1+	36							
860-110267-3	TMW-01	79	29							
LCS 860-258871/4-A	Lab Control Sample	83	62							
LCSD 860-258871/5-A	Lab Control Sample Dup	81	63							
MB 860-258871/1-A	Method Blank	77	58							

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-258872/9
Matrix: Water
Analysis Batch: 258872

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.000585	U	0.00500	0.000585	mg/L			08/29/25 21:41	1
1,1,2,2-Tetrachloroethane	<0.000470	U	0.00100	0.000470	mg/L			08/29/25 21:41	1
1,1,2-Trichloroethane	<0.000411	U	0.00100	0.000411	mg/L			08/29/25 21:41	1
1,1-Dichloroethane	<0.000635	U	0.00100	0.000635	mg/L			08/29/25 21:41	1
1,1-Dichloroethene	<0.000738	U	0.00100	0.000738	mg/L			08/29/25 21:41	1
1,2-Dibromoethane	<0.000999	U	0.00500	0.000999	mg/L			08/29/25 21:41	1
1,2-Dichloroethane	<0.000372	U	0.00100	0.000372	mg/L			08/29/25 21:41	1
1,2-Dichloropropane	<0.000556	U	0.00500	0.000556	mg/L			08/29/25 21:41	1
Benzene	<0.000460	U	0.00100	0.000460	mg/L			08/29/25 21:41	1
Carbon tetrachloride	<0.000896	U	0.00200	0.000896	mg/L			08/29/25 21:41	1
Chloroform	<0.000464	U	0.00100	0.000464	mg/L			08/29/25 21:41	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			08/29/25 21:41	1
MTBE	<0.00139	U	0.00500	0.00139	mg/L			08/29/25 21:41	1
Methylene Chloride	<0.00173	U	0.00500	0.00173	mg/L			08/29/25 21:41	1
Tetrachloroethene	<0.000655	U	0.00100	0.000655	mg/L			08/29/25 21:41	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			08/29/25 21:41	1
Trichloroethene	<0.00150	U	0.00500	0.00150	mg/L			08/29/25 21:41	1
Vinyl chloride	<0.000428	U	0.00200	0.000428	mg/L			08/29/25 21:41	1
Xylenes, Total	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 21:41	1
cis-1,2-Dichloroethene	<0.000457	U	0.00100	0.000457	mg/L			08/29/25 21:41	1
trans-1,2-Dichloroethene	<0.000368	U	0.00100	0.000368	mg/L			08/29/25 21:41	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			08/29/25 21:41	1
m,p-Xylenes	<0.00124	U	0.00200	0.00124	mg/L			08/29/25 21:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*63 - 144*		*08/29/25 21:41*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*08/29/25 21:41*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 131*		*08/29/25 21:41*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*08/29/25 21:41*	*1*

Lab Sample ID: LCS 860-258872/3
Matrix: Water
Analysis Batch: 258872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0500	0.04145		mg/L		83	70 - 130
1,1,2,2-Tetrachloroethane	0.0500	0.04170		mg/L		83	74 - 125
1,1,2-Trichloroethane	0.0500	0.04059		mg/L		81	75 - 130
1,1-Dichloroethane	0.0500	0.03890		mg/L		78	71 - 130
1,1-Dichloroethene	0.0500	0.04193		mg/L		84	50 - 150
1,2-Dibromoethane	0.0500	0.04352		mg/L		87	73 - 125
1,2-Dichloroethane	0.0500	0.03847		mg/L		77	72 - 130
1,2-Dichloropropane	0.0500	0.03956		mg/L		79	74 - 125
Benzene	0.0500	0.04053		mg/L		81	75 - 125
Carbon tetrachloride	0.0500	0.04587		mg/L		92	70 - 125
Chloroform	0.0500	0.03848		mg/L		77	70 - 121
Ethylbenzene	0.0500	0.04349		mg/L		87	75 - 125
MTBE	0.0500	0.04012		mg/L		80	65 - 135

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QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 860-258872/3
Matrix: Water
Analysis Batch: 258872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			0.0500	0.03923		mg/L		78	71 - 125		
Tetrachloroethene			0.0500	0.04647		mg/L		93	71 - 125		
Toluene			0.0500	0.04191		mg/L		84	75 - 130		
Trichloroethene			0.0500	0.04420		mg/L		88	75 - 135		
Vinyl chloride			0.0500	0.04114		mg/L		82	60 - 140		
cis-1,2-Dichloroethene			0.0500	0.03821		mg/L		76	75 - 125		
trans-1,2-Dichloroethene			0.0500	0.04089		mg/L		82	75 - 125		
o-Xylene			0.0500	0.04457		mg/L		89	75 - 125		
m,p-Xylenes			0.0500	0.04466		mg/L		89	75 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*63 - 144*
4-Bromofluorobenzene (Surr)	*103*		*74 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 131*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 860-258872/4
Matrix: Water
Analysis Batch: 258872

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.04048		mg/L		81	70 - 130	2	25
1,1,2,2-Tetrachloroethane			0.0500	0.04335		mg/L		87	74 - 125	4	25
1,1,2-Trichloroethane			0.0500	0.04204		mg/L		84	75 - 130	3	25
1,1-Dichloroethane			0.0500	0.04037		mg/L		81	71 - 130	4	25
1,1-Dichloroethene			0.0500	0.04357		mg/L		87	50 - 150	4	25
1,2-Dibromoethane			0.0500	0.04505		mg/L		90	73 - 125	3	25
1,2-Dichloroethane			0.0500	0.03827		mg/L		77	72 - 130	1	25
1,2-Dichloropropane			0.0500	0.03952		mg/L		79	74 - 125	0	25
Benzene			0.0500	0.04082		mg/L		82	75 - 125	1	25
Carbon tetrachloride			0.0500	0.04468		mg/L		89	70 - 125	3	25
Chloroform			0.0500	0.03814		mg/L		76	70 - 121	1	25
Ethylbenzene			0.0500	0.04490		mg/L		90	75 - 125	3	25
MTBE			0.0500	0.04296		mg/L		86	65 - 135	7	25
Methylene Chloride			0.0500	0.04282		mg/L		86	71 - 125	9	25
Tetrachloroethene			0.0500	0.04776		mg/L		96	71 - 125	3	25
Toluene			0.0500	0.04329		mg/L		87	75 - 130	3	25
Trichloroethene			0.0500	0.04429		mg/L		89	75 - 135	0	25
Vinyl chloride			0.0500	0.04067		mg/L		81	60 - 140	1	25
cis-1,2-Dichloroethene			0.0500	0.03813		mg/L		76	75 - 125	0	25
trans-1,2-Dichloroethene			0.0500	0.04274		mg/L		85	75 - 125	4	25
o-Xylene			0.0500	0.04575		mg/L		91	75 - 125	3	25
m,p-Xylenes			0.0500	0.04575		mg/L		91	75 - 125	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*
Dibromofluoromethane (Surr)	*90*		*75 - 131*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 860-258872/4
Matrix: Water
Analysis Batch: 258872

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: 860-110267-1 MS
Matrix: Water
Analysis Batch: 258872

Client Sample ID: TMW-36
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.000585	U	0.0500	0.04396		mg/L		88	75 - 125
1,1,2,2-Tetrachloroethane	<0.000470	U	0.0500	0.04386		mg/L		88	74 - 125
1,1,2-Trichloroethane	<0.000411	U	0.0500	0.04382		mg/L		88	75 - 127
1,1-Dichloroethane	<0.000635	U	0.0500	0.04285		mg/L		86	72 - 125
1,1-Dichloroethene	<0.000738	U	0.0500	0.04301		mg/L		86	59 - 172
1,2-Dibromoethane	<0.000999	U	0.0500	0.04707		mg/L		94	73 - 125
1,2-Dichloroethane	<0.000372	U	0.0500	0.04120		mg/L		82	68 - 127
1,2-Dichloropropane	<0.000556	U	0.0500	0.04210		mg/L		84	74 - 125
Benzene	<0.000460	U	0.0500	0.04257		mg/L		85	66 - 142
Carbon tetrachloride	<0.000896	U	0.0500	0.04782		mg/L		96	62 - 125
Chloroform	<0.000464	U	0.0500	0.04063		mg/L		81	70 - 130
Ethylbenzene	<0.000385	U	0.0500	0.04672		mg/L		93	75 - 125
MTBE	<0.00139	U	0.0500	0.04824		mg/L		96	65 - 135
Methylene Chloride	0.00244	J	0.0500	0.04622		mg/L		88	75 - 125
Tetrachloroethene	<0.000655	U	0.0500	0.04996		mg/L		100	71 - 125
Toluene	<0.000475	U	0.0500	0.04511		mg/L		90	59 - 139
Trichloroethene	<0.00150	U	0.0500	0.04635		mg/L		93	62 - 137
Vinyl chloride	<0.000428	U	0.0500	0.02984		mg/L		60	60 - 140
cis-1,2-Dichloroethene	<0.000457	U	0.0500	0.04063		mg/L		81	75 - 125
trans-1,2-Dichloroethene	<0.000368	U	0.0500	0.04508		mg/L		90	75 - 125
o-Xylene	<0.000502	U	0.0500	0.04776		mg/L		96	75 - 125
m,p-Xylenes	<0.00124	U	0.0500	0.04785		mg/L		96	75 - 125

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*90*		*75 - 131*
Toluene-d8 (Surr)	*95*		*80 - 120*

Method: 8260D SIM - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 860-258888/6
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0237	U	0.0500	0.0237	ug/L			08/30/25 10:06	1
1,2-Dibromo-3-Chloropropane	<0.0368	U	0.0500	0.0368	ug/L			08/30/25 10:06	1
Ethylene Dibromide	<0.0359	U	0.0500	0.0359	ug/L			08/30/25 10:06	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8260D SIM - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 860-258888/6
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		70 - 130		08/30/25 10:06	1
4-Bromofluorobenzene (Surr)	100		70 - 130		08/30/25 10:06	1

Lab Sample ID: LCS 860-258888/3
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 860-258888/4
Matrix: Water
Analysis Batch: 258888

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS)

Lab Sample ID: MB 860-259559/1-A
Matrix: Water
Analysis Batch: 259440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.121	U	0.571	0.121	ug/L		09/03/25 13:51	09/03/25 19:10	1
1,2-Dichlorobenzene	<0.101	U	0.571	0.101	ug/L		09/03/25 13:51	09/03/25 19:10	1
1,4-Dichlorobenzene	<0.110	U	0.571	0.110	ug/L		09/03/25 13:51	09/03/25 19:10	1
Atrazine	<0.177	U	0.500	0.177	ug/L		09/03/25 13:51	09/03/25 19:10	1
Pentachlorophenol	<0.312	U	0.571	0.312	ug/L		09/03/25 13:51	09/03/25 19:10	1
Styrene	<1.59	U	2.29	1.59	ug/L		09/03/25 13:51	09/03/25 19:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	51		35 - 130	09/03/25 13:51	09/03/25 19:10	1
2-Fluorophenol (Surr)	71		19 - 120	09/03/25 13:51	09/03/25 19:10	1
2-Fluorobiphenyl	58		43 - 130	09/03/25 13:51	09/03/25 19:10	1
Phenol-d5 (Surr)	66		8 - 124	09/03/25 13:51	09/03/25 19:10	1
Nitrobenzene-d5 (Surr)	60		37 - 133	09/03/25 13:51	09/03/25 19:10	1
p-Terphenyl-d14 (Surr)	63		47 - 130	09/03/25 13:51	09/03/25 19:10	1

Lab Sample ID: LCS 860-259559/2-A
Matrix: Water
Analysis Batch: 259440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259559

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,4-Trichlorobenzene			5.71	3.957		ug/L		69	55 - 120		
1,2-Dichlorobenzene			5.71	4.275		ug/L		75	65 - 130		

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCS 860-259559/2-A
Matrix: Water
Analysis Batch: 259440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259559

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dichlorobenzene			5.71	4.277		ug/L		75	60 - 150		
Atrazine			5.71	4.188		ug/L		73	46 - 148		
Pentachlorophenol			5.71	4.020		ug/L		70	33 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*62*		*35 - 130*
2-Fluorophenol (Surr)	*70*		*19 - 120*
2-Fluorobiphenyl	*67*		*43 - 130*
Phenol-d5 (Surr)	*73*		*8 - 124*
Nitrobenzene-d5 (Surr)	*71*		*37 - 133*
p-Terphenyl-d14 (Surr)	*66*		*47 - 130*

Lab Sample ID: LCS 860-259559/4-A
Matrix: Water
Analysis Batch: 259440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259559

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Styrene			22.9	16.76		ug/L		73	35 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*59*		*35 - 130*
2-Fluorophenol (Surr)	*70*		*19 - 120*
2-Fluorobiphenyl	*67*		*43 - 130*
Phenol-d5 (Surr)	*69*		*8 - 124*
Nitrobenzene-d5 (Surr)	*66*		*37 - 133*
p-Terphenyl-d14 (Surr)	*65*		*47 - 130*

Lab Sample ID: LCSD 860-259559/3-A
Matrix: Water
Analysis Batch: 259440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259559

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.71	3.829		ug/L		67	55 - 120	3	30
1,2-Dichlorobenzene			5.71	4.205		ug/L		74	65 - 130	2	30
1,4-Dichlorobenzene			5.71	4.142		ug/L		72	60 - 150	3	30
Atrazine			5.71	3.704		ug/L		65	46 - 148	12	30
Pentachlorophenol			5.71	3.443		ug/L		60	33 - 150	15	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*60*		*35 - 130*
2-Fluorophenol (Surr)	*67*		*19 - 120*
2-Fluorobiphenyl	*63*		*43 - 130*
Phenol-d5 (Surr)	*70*		*8 - 124*
Nitrobenzene-d5 (Surr)	*65*		*37 - 133*
p-Terphenyl-d14 (Surr)	*62*		*47 - 130*

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8270E - Semivolatile Organic Compounds (GC-MS/MS) (Continued)

Lab Sample ID: LCSD 860-259559/5-A
Matrix: Water
Analysis Batch: 259440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259559

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene			22.9	7.647	*- *1	ug/L		33	35 - 130	75	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*25*	*S1-*	*35 - 130*
2-Fluorophenol (Surr)	*31*		*19 - 120*
2-Fluorobiphenyl	*30*	*S1-*	*43 - 130*
Phenol-d5 (Surr)	*33*		*8 - 124*
Nitrobenzene-d5 (Surr)	*30*	*S1-*	*37 - 133*
p-Terphenyl-d14 (Surr)	*28*	*S1-*	*47 - 130*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 860-258871/1-A
Matrix: Water
Analysis Batch: 259712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258871

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.0000459	U	0.000250	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1221	<0.0000459	U	0.000500	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1232	<0.0000459	U	0.000500	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1242	<0.0000459	U	0.000250	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1248	<0.0000459	U	0.000500	0.0000459	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1254	<0.0000605	U	0.000500	0.0000605	mg/L		08/29/25 16:24	09/04/25 11:15	1
PCB-1260	<0.0000605	U	0.000250	0.0000605	mg/L		08/29/25 16:24	09/04/25 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*52 - 134*	*08/29/25 16:24*	*09/04/25 11:15*	*1*
DCB Decachlorobiphenyl (Surr)	*58*		*28 - 94*	*08/29/25 16:24*	*09/04/25 11:15*	*1*

Lab Sample ID: LCS 860-258871/4-A
Matrix: Water
Analysis Batch: 259712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258871

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1016			0.00500	0.005302		mg/L		106	75 - 135
PCB-1260			0.00500	0.005003		mg/L		100	65 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*62*		*28 - 94*

Lab Sample ID: LCSD 860-258871/5-A
Matrix: Water
Analysis Batch: 259712

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258871

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016			0.00500	0.005151		mg/L		103	75 - 135	3	20
PCB-1260			0.00500	0.005036		mg/L		101	65 - 115	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	*81*		*52 - 134*
DCB Decachlorobiphenyl (Surr)	*63*		*28 - 94*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-258381/3
Matrix: Water
Analysis Batch: 258381

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/28/25 09:43	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/28/25 09:43	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/28/25 09:43	1

Lab Sample ID: MB 860-258381/50
Matrix: Water
Analysis Batch: 258381

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			08/28/25 17:13	1
Fluoride	<0.100	U	0.500	0.100	mg/L			08/28/25 17:13	1
Sulfate	<0.200	U	0.500	0.200	mg/L			08/28/25 17:13	1

Lab Sample ID: LCS 860-258381/51
Matrix: Water
Analysis Batch: 258381

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.447		mg/L		94	90 - 110
Fluoride	10.0	9.976		mg/L		100	90 - 110
Sulfate	10.0	9.351		mg/L		94	90 - 110

Lab Sample ID: LCS 860-258381/6
Matrix: Water
Analysis Batch: 258381

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.839		mg/L		98	90 - 110
Fluoride	10.0	10.22		mg/L		102	90 - 110
Sulfate	10.0	9.768		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-258381/52
Matrix: Water
Analysis Batch: 258381

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.994		mg/L		100	90 - 110	6	20
Fluoride	10.0	10.56		mg/L		106	90 - 110	6	20
Sulfate	10.0	9.914		mg/L		99	90 - 110	6	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-258381/7
Matrix: Water
Analysis Batch: 258381

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.09		mg/L		101	90 - 110	9	20
Fluoride			10.0	10.58		mg/L		106	90 - 110	5	20
Sulfate			10.0	10.09		mg/L		101	90 - 110	9	20

Lab Sample ID: LLCS 860-258381/9
Matrix: Water
Analysis Batch: 258381

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.6734		mg/L		135	50 - 150		
Fluoride			0.500	0.4221	J	mg/L		84	50 - 150		
Sulfate			0.500	0.6173		mg/L		123	50 - 150		

Lab Sample ID: 860-110267-3 MS
Matrix: Water
Analysis Batch: 258381

Client Sample ID: TMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	110		10.0	121.1	4	mg/L		116	90 - 110		
Fluoride	0.475	J F1	10.0	11.61	F1	mg/L		111	90 - 110		
Sulfate	19.9	F1	10.0	31.18	F1	mg/L		113	90 - 110		

Lab Sample ID: 860-110267-3 MSD
Matrix: Water
Analysis Batch: 258381

Client Sample ID: TMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	110		10.0	122.5	4	mg/L		130	90 - 110	1	15
Fluoride	0.475	J F1	10.0	11.84	F1	mg/L		114	90 - 110	2	15
Sulfate	19.9	F1	10.0	31.58	F1	mg/L		117	90 - 110	1	15

Lab Sample ID: MB 860-258382/3
Matrix: Water
Analysis Batch: 258382

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/28/25 09:43	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/28/25 09:43	1

Lab Sample ID: MB 860-258382/50
Matrix: Water
Analysis Batch: 258382

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.0391	U	0.100	0.0391	mg/L			08/28/25 17:13	1
Nitrite as N	<0.0699	U	0.100	0.0699	mg/L			08/28/25 17:13	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-258382/51
Matrix: Water
Analysis Batch: 258382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	10.03		mg/L		100	90 - 110
Nitrite as N	10.0	10.00		mg/L		100	90 - 110

Lab Sample ID: LCS 860-258382/6
Matrix: Water
Analysis Batch: 258382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	10.33		mg/L		103	90 - 110
Nitrite as N	10.0	10.21		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-258382/52
Matrix: Water
Analysis Batch: 258382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.56		mg/L		106	90 - 110	5	20
Nitrite as N	10.0	10.51		mg/L		105	90 - 110	5	20

Lab Sample ID: LCSD 860-258382/7
Matrix: Water
Analysis Batch: 258382

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.68		mg/L		107	90 - 110	4	20
Nitrite as N	10.0	10.55		mg/L		106	90 - 110	4	20

Lab Sample ID: LLCS 860-258382/8
Matrix: Water
Analysis Batch: 258382

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.09282	J	mg/L		93	50 - 150
Nitrite as N	0.100	<0.0699	U	mg/L		61	50 - 150

Lab Sample ID: 860-110267-3 MS
Matrix: Water
Analysis Batch: 258382

Client Sample ID: TMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.975	F1	10.0	12.06	F1	mg/L		111	90 - 110
Nitrite as N	<0.0699	U F1	2.50	3.458	F1	mg/L		138	90 - 110

Lab Sample ID: 860-110267-3 MSD
Matrix: Water
Analysis Batch: 258382

Client Sample ID: TMW-01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.975	F1	10.0	12.25	F1	mg/L		113	90 - 110	2	15
Nitrite as N	<0.0699	U F1	2.50	3.519	F1	mg/L		141	90 - 110	2	15

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-258865/1-C
Matrix: Water
Analysis Batch: 260066

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.102	U	0.200	0.102	mg/L		09/04/25 10:13	09/04/25 17:53	1
Iron	<0.0283	U	0.200	0.0283	mg/L		09/04/25 10:13	09/04/25 17:53	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		09/04/25 10:13	09/04/25 17:53	1
Sodium	<0.152	U	0.500	0.152	mg/L		09/04/25 10:13	09/04/25 17:53	1
Sulfur	<0.0370	U	0.100	0.0370	mg/L		09/04/25 10:13	09/04/25 17:53	1
SiO2	<0.370	U	1.07	0.370	mg/L		09/04/25 10:13	09/04/25 17:53	1
Potassium	<0.106	U	0.500	0.106	mg/L		09/04/25 10:13	09/04/25 17:53	1

Lab Sample ID: LCS 860-258865/2-C
Matrix: Water
Analysis Batch: 260066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	25.0	24.60		mg/L		98	80 - 120
Iron	5.00	5.100		mg/L		102	80 - 120
Magnesium	25.0	24.30		mg/L		97	80 - 120
Sodium	25.0	27.10		mg/L		108	80 - 120
Sulfur	5.00	5.170		mg/L		103	80 - 125
SiO2	21.4	23.11		mg/L		108	80 - 120
Potassium	10.0	10.40		mg/L		104	80 - 120

Lab Sample ID: LCSD 860-258865/3-C
Matrix: Water
Analysis Batch: 260066

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259752

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	24.60		mg/L		98	80 - 120	0	20
Iron	5.00	5.100		mg/L		102	80 - 120	0	20
Magnesium	25.0	24.30		mg/L		97	80 - 120	0	20
Sodium	25.0	27.10		mg/L		108	80 - 120	0	20
Sulfur	5.00	5.180		mg/L		104	80 - 125	0	20
SiO2	21.4	23.11		mg/L		108	80 - 120	0	20
Potassium	10.0	10.40		mg/L		104	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-259545/1-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		09/03/25 13:23	09/05/25 02:03	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		09/03/25 13:23	09/05/25 02:03	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		09/03/25 13:23	09/05/25 02:03	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		09/03/25 13:23	09/05/25 02:03	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		09/03/25 13:23	09/05/25 02:03	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		09/03/25 13:23	09/05/25 02:03	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		09/03/25 13:23	09/05/25 02:03	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		09/03/25 13:23	09/05/25 02:03	1

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-259545/1-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	<0.00100	U	0.00400	0.00100	mg/L		09/03/25 13:23	09/05/25 02:03	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		09/03/25 13:23	09/05/25 02:03	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		09/03/25 13:23	09/05/25 02:03	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		09/03/25 13:23	09/05/25 02:03	1
Nickel	<0.000528	U	0.00200	0.000528	mg/L		09/03/25 13:23	09/05/25 02:03	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		09/03/25 13:23	09/05/25 02:03	1
Silver	<0.000390	U	0.00200	0.000390	mg/L		09/03/25 13:23	09/05/25 02:03	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		09/03/25 13:23	09/05/25 02:03	1
Uranium	<0.000211	U	0.00100	0.000211	mg/L		09/03/25 13:23	09/05/25 02:03	1
Zinc	<0.00274	U	0.00400	0.00274	mg/L		09/03/25 13:23	09/05/25 02:03	1

Lab Sample ID: MB 860-259545/1-A
Matrix: Water
Analysis Batch: 260188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.00401	U	0.0100	0.00401	mg/L		09/03/25 13:23	09/05/25 12:55	1

Lab Sample ID: LCS 860-259545/2-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5133		mg/L		103	80 - 120
Antimony	0.100	0.1011		mg/L		101	80 - 120
Arsenic	0.100	0.1020		mg/L		102	80 - 120
Barium	0.100	0.1006		mg/L		101	80 - 120
Beryllium	0.100	0.09679		mg/L		97	80 - 120
Cadmium	0.100	0.1005		mg/L		101	80 - 120
Chromium	0.100	0.1022		mg/L		102	80 - 120
Cobalt	0.100	0.1011		mg/L		101	80 - 120
Copper	0.100	0.1005		mg/L		100	80 - 120
Lead	0.100	0.1009		mg/L		101	80 - 120
Manganese	0.100	0.1022		mg/L		102	80 - 120
Molybdenum	0.100	0.09721		mg/L		97	80 - 120
Nickel	0.100	0.1018		mg/L		102	80 - 120
Selenium	0.100	0.1020		mg/L		102	80 - 120
Silver	0.0500	0.05059		mg/L		101	80 - 120
Thallium	0.100	0.1030		mg/L		103	80 - 120
Uranium	0.0250	0.02536		mg/L		101	80 - 120
Zinc	0.100	0.1019		mg/L		102	80 - 120

Lab Sample ID: LCS 860-259545/2-A
Matrix: Water
Analysis Batch: 260188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09508		mg/L		95	80 - 120

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-259545/3-A
Matrix: Water
Analysis Batch: 260108

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4985		mg/L		100	80 - 120	3	20
Antimony			0.100	0.1033		mg/L		103	80 - 120	2	20
Arsenic			0.100	0.1007		mg/L		101	80 - 120	1	20
Barium			0.100	0.1002		mg/L		100	80 - 120	0	20
Beryllium			0.100	0.09647		mg/L		96	80 - 120	0	20
Cadmium			0.100	0.1004		mg/L		100	80 - 120	0	20
Chromium			0.100	0.1015		mg/L		102	80 - 120	1	20
Cobalt			0.100	0.1005		mg/L		101	80 - 120	1	20
Copper			0.100	0.09985		mg/L		100	80 - 120	1	20
Lead			0.100	0.1008		mg/L		101	80 - 120	0	20
Manganese			0.100	0.1013		mg/L		101	80 - 120	1	20
Molybdenum			0.100	0.09739		mg/L		97	80 - 120	0	20
Nickel			0.100	0.1020		mg/L		102	80 - 120	0	20
Selenium			0.100	0.1012		mg/L		101	80 - 120	1	20
Silver			0.0500	0.05065		mg/L		101	80 - 120	0	20
Thallium			0.100	0.1032		mg/L		103	80 - 120	0	20
Uranium			0.0250	0.02546		mg/L		102	80 - 120	0	20
Zinc			0.100	0.1010		mg/L		101	80 - 120	1	20

Lab Sample ID: LCSD 860-259545/3-A
Matrix: Water
Analysis Batch: 260188

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259545

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.09711		mg/L		97	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-259083/1-A
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259083

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.000706	U	0.00200	0.000706	mg/L		09/02/25 07:28	09/02/25 20:55	1

Lab Sample ID: LCS 860-259083/2-A
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259083

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.0200	0.01991		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-259083/3-A
Matrix: Water
Analysis Batch: 259380

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259083

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.0200	0.01965		mg/L		98	80 - 120	1	20

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: 420.4 - Phenolics, Total Recoverable

Lab Sample ID: MB 860-259853/55
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenols, Total	<0.00580	U	0.0100	0.00580	mg/L			09/03/25 17:43	1

Lab Sample ID: LCS 860-259853/56
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenols, Total	0.100	0.09360		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-259853/57
Matrix: Water
Analysis Batch: 259853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenols, Total	0.100	0.09790		mg/L		98	90 - 110	4	20

Method: Kelada 01 - Cyanide, Total, Acid Dissociable and Thiocyanate

Lab Sample ID: MB 860-259497/24
Matrix: Water
Analysis Batch: 259497

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.00198	U	0.00500	0.00198	mg/L			09/02/25 21:01	1

Lab Sample ID: LCS 860-259497/25
Matrix: Water
Analysis Batch: 259497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.09005		mg/L		90	90 - 110

Lab Sample ID: LCSD 860-259497/26
Matrix: Water
Analysis Batch: 259497

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.100	0.09656		mg/L		97	90 - 110	7	20

Lab Sample ID: LLCS 860-259497/27
Matrix: Water
Analysis Batch: 259497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.00500	0.006163		mg/L		123	50 - 150

QC Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-259341/36
Matrix: Water
Analysis Batch: 259341

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			09/02/25 14:19	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			09/02/25 14:19	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00	4.00	mg/L			09/02/25 14:19	1
Hydroxide Alkalinity	<4.00	U	4.00	4.00	mg/L			09/02/25 14:19	1
Phenolphthalein Alkalinity	<4.00	U	4.00	4.00	mg/L			09/02/25 14:19	1

Lab Sample ID: LCS 860-259341/37
Matrix: Water
Analysis Batch: 259341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	258.7		mg/L		103	85 - 115

Lab Sample ID: LCSD 860-259341/38
Matrix: Water
Analysis Batch: 259341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	258.5		mg/L		103	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-259007/1
Matrix: Water
Analysis Batch: 259007

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			08/30/25 11:28	1

Lab Sample ID: LCS 860-259007/2
Matrix: Water
Analysis Batch: 259007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	928.0		mg/L		93	80 - 120

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

GC/MS VOA

Analysis Batch: 258872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	8260D	
860-110267-2	TMW-17	Total/NA	Water	8260D	
860-110267-3	TMW-01	Total/NA	Water	8260D	
MB 860-258872/9	Method Blank	Total/NA	Water	8260D	
LCS 860-258872/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-258872/4	Lab Control Sample Dup	Total/NA	Water	8260D	
860-110267-1 MS	TMW-36	Total/NA	Water	8260D	

Analysis Batch: 258888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	8260D SIM	
860-110267-2	TMW-17	Total/NA	Water	8260D SIM	
860-110267-3	TMW-01	Total/NA	Water	8260D SIM	
MB 860-258888/6	Method Blank	Total/NA	Water	8260D SIM	
LCS 860-258888/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 860-258888/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

GC/MS Semi VOA

Analysis Batch: 259440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-259559/1-A	Method Blank	Total/NA	Water	8270E	259559
LCS 860-259559/2-A	Lab Control Sample	Total/NA	Water	8270E	259559
LCS 860-259559/4-A	Lab Control Sample	Total/NA	Water	8270E	259559
LCSD 860-259559/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	259559
LCSD 860-259559/5-A	Lab Control Sample Dup	Total/NA	Water	8270E	259559

Prep Batch: 259559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	3511	
860-110267-2	TMW-17	Total/NA	Water	3511	
860-110267-3	TMW-01	Total/NA	Water	3511	
MB 860-259559/1-A	Method Blank	Total/NA	Water	3511	
LCS 860-259559/2-A	Lab Control Sample	Total/NA	Water	3511	
LCS 860-259559/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-259559/3-A	Lab Control Sample Dup	Total/NA	Water	3511	
LCSD 860-259559/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 259959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	8270E	259559
860-110267-2	TMW-17	Total/NA	Water	8270E	259559
860-110267-3	TMW-01	Total/NA	Water	8270E	259559

GC Semi VOA

Prep Batch: 258871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	3511	
860-110267-2	TMW-17	Total/NA	Water	3511	
860-110267-3	TMW-01	Total/NA	Water	3511	
MB 860-258871/1-A	Method Blank	Total/NA	Water	3511	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

GC Semi VOA (Continued)

Prep Batch: 258871 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-258871/4-A	Lab Control Sample	Total/NA	Water	3511	
LCSD 860-258871/5-A	Lab Control Sample Dup	Total/NA	Water	3511	

Analysis Batch: 259712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	8082A	258871
860-110267-2	TMW-17	Total/NA	Water	8082A	258871
860-110267-3	TMW-01	Total/NA	Water	8082A	258871
MB 860-258871/1-A	Method Blank	Total/NA	Water	8082A	258871
LCS 860-258871/4-A	Lab Control Sample	Total/NA	Water	8082A	258871
LCSD 860-258871/5-A	Lab Control Sample Dup	Total/NA	Water	8082A	258871

HPLC/IC

Analysis Batch: 258381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	300.0	
860-110267-2	TMW-17	Total/NA	Water	300.0	
860-110267-2	TMW-17	Total/NA	Water	300.0	
860-110267-3	TMW-01	Total/NA	Water	300.0	
MB 860-258381/3	Method Blank	Total/NA	Water	300.0	
MB 860-258381/50	Method Blank	Total/NA	Water	300.0	
LCS 860-258381/51	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-258381/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-258381/52	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-258381/7	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-258381/9	Lab Control Sample	Total/NA	Water	300.0	
860-110267-3 MS	TMW-01	Total/NA	Water	300.0	
860-110267-3 MSD	TMW-01	Total/NA	Water	300.0	

Analysis Batch: 258382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	300.0	
860-110267-2	TMW-17	Total/NA	Water	300.0	
860-110267-3	TMW-01	Total/NA	Water	300.0	
MB 860-258382/3	Method Blank	Total/NA	Water	300.0	
MB 860-258382/50	Method Blank	Total/NA	Water	300.0	
LCS 860-258382/51	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-258382/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-258382/52	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-258382/7	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-258382/8	Lab Control Sample	Total/NA	Water	300.0	
860-110267-3 MS	TMW-01	Total/NA	Water	300.0	
860-110267-3 MSD	TMW-01	Total/NA	Water	300.0	

Metals

Filtration Batch: 258865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-258865/1-C	Method Blank	Total/NA	Water	Filtration	
LCS 860-258865/2-C	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-258865/3-C	Lab Control Sample Dup	Total/NA	Water	Filtration	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Metals

Prep Batch: 259083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	7470A	
860-110267-2	TMW-17	Total/NA	Water	7470A	
860-110267-3	TMW-01	Total/NA	Water	7470A	
MB 860-259083/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-259083/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-259083/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 259380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	7470A	259083
860-110267-2	TMW-17	Total/NA	Water	7470A	259083
860-110267-3	TMW-01	Total/NA	Water	7470A	259083
MB 860-259083/1-A	Method Blank	Total/NA	Water	7470A	259083
LCS 860-259083/2-A	Lab Control Sample	Total/NA	Water	7470A	259083
LCSD 860-259083/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	259083

Prep Batch: 259545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	3010A	
860-110267-2	TMW-17	Total/NA	Water	3010A	
860-110267-3	TMW-01	Total/NA	Water	3010A	
MB 860-259545/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-259545/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-259545/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 259752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	3010A	
860-110267-2	TMW-17	Total/NA	Water	3010A	
860-110267-3	TMW-01	Total/NA	Water	3010A	
MB 860-258865/1-C	Method Blank	Total/NA	Water	3010A	258865
LCS 860-258865/2-C	Lab Control Sample	Total/NA	Water	3010A	258865
LCSD 860-258865/3-C	Lab Control Sample Dup	Total/NA	Water	3010A	258865

Analysis Batch: 260066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	6010D	259752
860-110267-1	TMW-36	Total/NA	Water	6010D	259752
860-110267-2	TMW-17	Total/NA	Water	6010D	259752
860-110267-2	TMW-17	Total/NA	Water	6010D	259752
860-110267-3	TMW-01	Total/NA	Water	6010D	259752
860-110267-3	TMW-01	Total/NA	Water	6010D	259752
MB 860-258865/1-C	Method Blank	Total/NA	Water	6010D	259752
LCS 860-258865/2-C	Lab Control Sample	Total/NA	Water	6010D	259752
LCSD 860-258865/3-C	Lab Control Sample Dup	Total/NA	Water	6010D	259752

Analysis Batch: 260108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	6020B	259545
860-110267-2	TMW-17	Total/NA	Water	6020B	259545
860-110267-3	TMW-01	Total/NA	Water	6020B	259545

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Metals (Continued)

Analysis Batch: 260108 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-259545/1-A	Method Blank	Total/NA	Water	6020B	259545
LCS 860-259545/2-A	Lab Control Sample	Total/NA	Water	6020B	259545
LCSD 860-259545/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	259545

Analysis Batch: 260188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	6020B	259545
860-110267-2	TMW-17	Total/NA	Water	6020B	259545
860-110267-3	TMW-01	Total/NA	Water	6020B	259545
MB 860-259545/1-A	Method Blank	Total/NA	Water	6020B	259545
LCS 860-259545/2-A	Lab Control Sample	Total/NA	Water	6020B	259545
LCSD 860-259545/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	259545

General Chemistry

Analysis Batch: 258741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	SM 1030E	
860-110267-2	TMW-17	Total/NA	Water	SM 1030E	
860-110267-3	TMW-01	Total/NA	Water	SM 1030E	

Analysis Batch: 259007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	SM 2540C	
860-110267-2	TMW-17	Total/NA	Water	SM 2540C	
860-110267-3	TMW-01	Total/NA	Water	SM 2540C	
MB 860-259007/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-259007/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 259341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	SM 2320B	
860-110267-2	TMW-17	Total/NA	Water	SM 2320B	
860-110267-3	TMW-01	Total/NA	Water	SM 2320B	
MB 860-259341/36	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-259341/37	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-259341/38	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 259497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	Kelada 01	
860-110267-2	TMW-17	Total/NA	Water	Kelada 01	
860-110267-3	TMW-01	Total/NA	Water	Kelada 01	
MB 860-259497/24	Method Blank	Total/NA	Water	Kelada 01	
LCS 860-259497/25	Lab Control Sample	Total/NA	Water	Kelada 01	
LCSD 860-259497/26	Lab Control Sample Dup	Total/NA	Water	Kelada 01	
LLCS 860-259497/27	Lab Control Sample	Total/NA	Water	Kelada 01	

Analysis Batch: 259853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	420.4	

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

General Chemistry (Continued)

Analysis Batch: 259853 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-2	TMW-17	Total/NA	Water	420.4	
860-110267-3	TMW-01	Total/NA	Water	420.4	
MB 860-259853/55	Method Blank	Total/NA	Water	420.4	
LCS 860-259853/56	Lab Control Sample	Total/NA	Water	420.4	
LCSD 860-259853/57	Lab Control Sample Dup	Total/NA	Water	420.4	

Analysis Batch: 259928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-110267-1	TMW-36	Total/NA	Water	9040C	
860-110267-2	TMW-17	Total/NA	Water	9040C	
860-110267-3	TMW-01	Total/NA	Water	9040C	

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-36

Lab Sample ID: 860-110267-1

Date Collected: 08/27/25 09:05
Matrix: Water
Date Received: 08/28/25 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258872	08/29/25 22:01	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 12:29	NA	EET HOU
Total/NA	Prep	3511			69 mL	4 mL	259559	09/03/25 13:51	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259959	09/05/25 07:17	DB	EET HOU
Total/NA	Prep	3511			50 mL	5 mL	258871	09/02/25 14:29	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259712	09/04/25 14:08	WP	EET HOU
Total/NA	Analysis	300.0		50			258381	08/28/25 16:41	AK1	EET HOU
Total/NA	Analysis	300.0		50			258382	08/28/25 16:41	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259752	09/04/25 10:14	MD	EET HOU
Total/NA	Analysis	6010D		1			260066	09/04/25 18:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259752	09/04/25 10:14	MD	EET HOU
Total/NA	Analysis	6010D		50			260066	09/04/25 18:52	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		5			260108	09/05/25 03:53	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		10			260188	09/05/25 13:31	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	259083	09/02/25 07:28	AGR	EET HOU
Total/NA	Analysis	7470A		1			259380	09/02/25 21:13	SHZ	EET HOU
Total/NA	Analysis	420.4		100	10 mL	10 mL	259853	09/03/25 20:34	BW	EET HOU
Total/NA	Analysis	9040C		1			259928	09/04/25 14:16	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	259497	09/02/25 21:42	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258741	09/04/25 18:52	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			259341	09/02/25 16:56	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	259007	08/30/25 11:28	AP	EET HOU

Client Sample ID: TMW-17

Lab Sample ID: 860-110267-2

Date Collected: 08/27/25 10:40
Matrix: Water
Date Received: 08/28/25 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258872	08/29/25 22:22	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 12:50	NA	EET HOU
Total/NA	Prep	3511			70 mL	4 mL	259559	09/03/25 13:51	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259959	09/05/25 07:45	DB	EET HOU
Total/NA	Prep	3511			51 mL	5 mL	258871	09/02/25 14:29	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259712	09/04/25 14:19	WP	EET HOU
Total/NA	Analysis	300.0		5			258381	08/28/25 16:47	AK1	EET HOU
Total/NA	Analysis	300.0		5			258382	08/28/25 16:47	AK1	EET HOU
Total/NA	Analysis	300.0		50			258381	08/28/25 16:53	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259752	09/04/25 10:14	MD	EET HOU
Total/NA	Analysis	6010D		1			260066	09/04/25 18:46	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259752	09/04/25 10:14	MD	EET HOU
Total/NA	Analysis	6010D		50			260066	09/04/25 18:53	JDM	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Client Sample ID: TMW-17

Date Collected: 08/27/25 10:40
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		5			260108	09/05/25 04:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		10			260188	09/05/25 13:34	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	259083	09/02/25 07:28	AGR	EET HOU
Total/NA	Analysis	7470A		1			259380	09/02/25 21:15	SHZ	EET HOU
Total/NA	Analysis	420.4		100	10 mL	10 mL	259853	09/03/25 20:37	BW	EET HOU
Total/NA	Analysis	9040C		1			259928	09/04/25 14:21	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	259497	09/02/25 21:45	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258741	09/04/25 18:53	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			259341	09/02/25 16:32	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	259007	08/30/25 11:28	AP	EET HOU

Client Sample ID: TMW-01

Date Collected: 08/27/25 12:25
Date Received: 08/28/25 08:45

Lab Sample ID: 860-110267-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	258872	08/29/25 22:42	NA	EET HOU
Total/NA	Analysis	8260D SIM		1	5 mL	5 mL	258888	08/30/25 13:11	NA	EET HOU
Total/NA	Prep	3511			69.9 mL	4 mL	259559	09/03/25 13:51	BH	EET HOU
Total/NA	Analysis	8270E		1	1 mL	1 mL	259959	09/05/25 08:13	DB	EET HOU
Total/NA	Prep	3511			47.9 mL	5 mL	258871	09/02/25 14:29	TH	EET HOU
Total/NA	Analysis	8082A		1	0 mL	0 mL	259712	09/04/25 14:30	WP	EET HOU
Total/NA	Analysis	300.0		1			258381	08/28/25 17:32	AK1	EET HOU
Total/NA	Analysis	300.0		1			258382	08/28/25 17:32	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259752	09/04/25 10:14	MD	EET HOU
Total/NA	Analysis	6010D		1			260066	09/04/25 18:47	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259752	09/04/25 10:14	MD	EET HOU
Total/NA	Analysis	6010D		50			260066	09/04/25 18:55	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			260108	09/05/25 04:04	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259545	09/03/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			260188	09/05/25 13:37	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	259083	09/02/25 07:28	AGR	EET HOU
Total/NA	Analysis	7470A		1			259380	09/02/25 21:19	SHZ	EET HOU
Total/NA	Analysis	420.4		1	10 mL	10 mL	259853	09/03/25 18:10	BW	EET HOU
Total/NA	Analysis	9040C		1			259928	09/04/25 14:18	VS	EET HOU
Total/NA	Analysis	Kelada 01		1	10 mL	10 mL	259497	09/02/25 21:48	BW	EET HOU
Total/NA	Analysis	SM 1030E		1			258741	09/04/25 18:55	RJD	EET HOU
Total/NA	Analysis	SM 2320B		1			259341	09/02/25 16:38	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	259007	08/30/25 11:28	AP	EET HOU

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists Job ID: 860-110267-1
Project/Site: EBDU 37

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
420.4		Water	Phenols, Total
6010D	3010A	Water	Sulfur
6020B	3010A	Water	Uranium
8270E	3511	Water	1-Methylnaphthalene
8270E	3511	Water	Styrene
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 1030E		Water	Percent Difference
SM 1030E		Water	Total Anions
SM 1030E		Water	Total Cations
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET HOU
8270E	Semivolatile Organic Compounds (GC-MS/MS)	SW846	EET HOU
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
420.4	Phenolics, Total Recoverable	EPA	EET HOU
9040C	pH	SW846	EET HOU
Kelada 01	Cyanide, Total, Acid Dissociable and Thiocyanate	EPA	EET HOU
SM 1030E	Cation Anion Balance	SM	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
3511	Microextraction of Organic Compounds	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: EBDU 37

Job ID: 860-110267-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-110267-1	TMW-36	Water	08/27/25 09:05	08/28/25 08:45	Texas
860-110267-2	TMW-17	Water	08/27/25 10:40	08/28/25 08:45	Texas
860-110267-3	TMW-01	Water	08/27/25 12:25	08/28/25 08:45	Texas

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806 - 300 - 2912	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 8040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on ice in addition to the preservation code.
			Preservation Code:				D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-36	8-27-25	905	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-17	8-27-25	1040	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	
				Water																	

860-110267 Chain of Custody

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Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-27-25 1630	Terracon			
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 8/28/25 845	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 34/32, 30/29 How 368

Ver: 05/06/2024

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9/16/2025
Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

9/4/2025

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806-300-0140	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFM5, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note: All Samples dropped off on ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-01	8-27-25	12:25	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-27-25 1635	Terracon			
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 9-28 25 845	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

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Released to Imaging: 3/12/2026 2:34:23 PM

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Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806 - 300 - 2912	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ (PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	8260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	8082A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-36	8-27-25	905	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
TMW-17	8-27-25	1040	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

860-110267 Chain of Custody

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-27-25 1630	Terracon			
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 9 28 25 845	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:	3.4/3.2, 3.0/2.9 IR-1 368

Ver: 05/06/2024

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Received by OCD: 11/20/2025 2:07:34 PM
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Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477
Phone (281) 240-4200

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Austin Worley	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-13691-2049.1
Client Contact: John Grams	Phone: 806-300-0140	E-Mail: John.Builes@et.eurofinsus.com	State of Origin:	Page: Page 1 of 10
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #:
Address: 5847 50th St	Due Date Requested:			
City: Lubbock	TAT Requested (days):			
State, Zip: TX, 79424	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: john.grams@terracon.com	WO #:			
Project Name: EBDU 37	Project #: 88002619			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D HNO3
N None
S H2SO4
A HCL
B NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 Radium 226	904.0 Radium 228	900.0 Gross A + B	8270E_QQQ -(PAHs)	8270E_QQQ Custom List	2320B, 300_ORGFM_28D, 300_ORGFMS, 9040C, Cation_Anion Balance	6010D, 6020B, 7470A	420.4_NP Phenols	8260D Custom List VOCs	6260D_SIM - EDB and DBCP	2540C_Calcd TDS	Kelada_01 Cyanide	6020A Standard PCBs	Total Number of containers	Special Instructions/Note:All Samples dropped off on Ice in addition to the preservation code.
				Preservation Code:			D	D	D	N	N	D	S	A	A	N	N	B	N		
TMW-01	8-27-25	12:25	G	Water			X	X	X	X	X	X	XX	X	X	X	X	X	X	20	
				Water																	
				Water																	
				Water																	
				Water																	
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				Water																	
				Water																	

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Worley	8-27-25 1635	Terracon			
Relinquished by:	Date/Time:	Company	Received by: Nuevo	Date/Time: 9-28 25 845	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

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9/16/2025
Received by OCD: 11/20/2025 2:07:34 PM
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Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists Job Number: 860-110267-1

Login Number: 110267 **List Source: Eurofins Houston**
List Number: 1
Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

APPENDIX **G**

WASTE MANIFESTS

Received by OCD: 11/20/2025 2:07:34 PM

OWL Landfill Services, LLC
DBA Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Kevin Welchert (Authorized Agent's Printed Name and Title)
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: 307-251-2529

MANIFEST # 0470476

Part 1 - Generator

COMPANY NAME: Talon
DATE: 9-5-25
LEASE: _____
PHONE: _____
AFE #: _____ API: 30-025-06556
RIG NAME: _____ WELL #: _____
QUANTITY: _____ ☐ BBLS ☐ YARDS
10
STATE & COUNTY ORIGIN: Lea

Waste Description (check only one box)	☐ RCRA Exempt	☐ RCRA Non-Exempt	
☐ Water Based Cuttings (DRY)	☐ Water Based Cuttings (WET)	☑ Contaminated Soil	☐ Produced Sands
☐ Oil Based Cuttings (DRY)	☐ Oil Based Cuttings (WET)	☐ Injectable Fluids	☐ Non-Injectable Fluids
☐ Oil Base Mud	☐ Water Base Mud	☐ Muds w/Cement	☐ Tank Bottoms
☐ Rig Trash	☐ Pit Liners		
☐ Other: _____		Authorize Washout?	☐ Yes ☑ No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is (Check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: West Texas Dumpsters YARD #: _____ WHP #: 6188 TRUCK #: _____
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
DATE RECEIVED: _____ TIME RECEIVED: _____ ☐ AM ☐ PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Hector Molina (Driver's Name Printed) DRIVER'S SIGNATURE: HM

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): DATE: 9-5-25 TIME IN: 12:21 AM / PM TIME OUT: _____ AM / PM

☐ Northern Delaware Basin Landfill
2029 W. NM Highway 128 Jal, New Mexico 88252

WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A

NORM TESTING: P (Less than 50 MCR)

Shake Out:			
	1	2	3
H_2O	N/A		
S			

346320

Gallon Test: _____

SERVICE NOTES:
This is to certify that: _____ has received the above indicated waste, waste has passed all acceptances testing of the facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: _____

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Released to Imaging: 3/12/2026 2:34:23 PM

OWL Landfill Services, LLC
DBA: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Kevin Welchert (Authorized Agent's Printed Name and Title)
SIGNATURE: K WLT
COMPANY MAN EMAIL:
COMPANY MAN PHONE: 866-742-0742

MANIFEST # 433068

Part 1 - Generator

COMPANY NAME: Texican - West TX Dumpsters DATE: 9-5-25
LEASE: PHONE: 432 631 2080
AFE #: API: # 30-025-06556
RIG NAME: WELL #: 32.480705 -103.825085

QUANTITY: ☐ BBLS ☒ YARDS 10

STATE & COUNTY ORIGIN:

Waste Description (check only one box)	☐ RCRA Exempt	☐ RCRA Non Exempt	
☐ Water Based Cuttings (DRY)	☐ Water Based Cuttings (WET)	☒ Contaminated Soil	☐ Produced Sands
☐ Oil Based Cuttings (DRY)	☐ Oil Based Cuttings (WET)	☐ Injectable Fluids	☐ Non Injectable Fluids
☐ Oil Base Mud	☐ Water Base Mud	☐ Muds w/Cement	☐ Tank Bottoms
☐ Rig Trash	☐ Pit Liners	Authorize Washout?	☐ Yes ☒ No
☐ Other:			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is (Check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name _____ Date _____ Signature _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: West TX Dumpsters YARD #: _____ WHP #: 6188 TRUCK #: 18
ADDRESS: 4805 E CR 120 TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: —
DATE RECEIVED: 9-5-25 TIME RECEIVED: 9:00 ☒ AM ☐ PM
DISPATCHER NAME: Samuel De La Rosa DISPATCHER PHONE #: 432-438-1086

The following statement must be signed by the truck driver prior to unloading at disposal facility:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE

DRIVER: Adan Valles (Driver's Name Printed) DRIVER'S SIGNATURE: A de V

TRANSPORTER: CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): DATE: 9/5/25 TIME IN: 11:47 (AM) / PM TIME OUT: _____ AM / PM

☐ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY: WASHOUT: TIME IN: TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A

NORM TESTING: P (Less than 50 MFR)

Shake Out:	1	2	3
H_2O			
S			

346317

Gallon Test: _____

SERVICE NOTES:
This is to certify that: _____ (Employee (Printed Name)) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Received by OCD: 11/20/2025 2:07:34 PM

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NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: API # 30-025-06556
2. Page 1 of: 1
3. Emergency Response Phone: 866-742-0742
4. Waste Tracking Number:

GENERATOR

5. Generator's Name and Mailing Address: TERRACON
1801 HANDLY EDERVILLE RD.
FORT WORTH, TX 76118
Generator's Phone: 817-268-8600
Generator's Site Address (if different than mailing address): 32.4807053, -103.123085
EUNICE, NM

6. Transporter 1 Company Name: WEST TEXAS DUMPSTERS
U.S. EPA ID Number: WHP 6188

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: NORTHERN DELAWARE BASIN LANDFILL
2029 W. NM HWY 128
JAL, NM 88252
U.S. EPA ID Number:
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	CHLORIDE IMPACTED SOIL - EXEMPT API # 30-025-06556	1	CM		
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: KEVIN WEICHERT
Signature:
Month: 09 Day: 04 Year: 25

INT'L

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Adan Valles
Signature:
Month: 9 Day: 5 Year: 25
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator):
U.S. EPA ID Number:
Facility's Phone:
17c. Signature of Alternate Facility (or Generator):
Month: Day: Year:

18. Designated Facility Owner or Operator Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name:
Signature:
Month: Day: Year:

Released to Imaging: 3/12/2026 2:34:23 PM

OWL Landfill Services, LLC
(DBA Northern Delaware Basin Landfill)
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Kevin Weckhart (Authorized Agent's Printed Name and Title)
SIGNATURE: K-W-C-T
COMPANY MAN EMAIL:
COMPANY MAN PHONE: 866 742-0742

MANIFEST # 433069

Part 1 - Generator

COMPANY NAME: Talon
LEASE:
AFE #:
RIG NAME:
API: 43-025-06556 32.450703 -103-123055
WELL #:
DATE: 9-5-25
PHONE: 432 631 2080
QUANTITY: 10 ☒ BBLS ☐ YARDS
STATE & COUNTY ORIGIN:

Waste Description (check only one box) ☐ RCRA Exempt ☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)	☐ Water Based Cuttings (WET)	☒ Contaminated Soil	☐ Produced Sands
☐ Oil Based Cuttings (DRY)	☐ Oil Based Cuttings (WET)	☐ Injectable Fluids	☐ Non-Injectable Fluids
☐ Oil Base Mud	☐ Water Base Mud	☐ Muds w/Cement	☐ Tank Bottoms
☐ Rig Trash	☐ Pit Liners		
☐ Other:		Authorize Washout? ☐ Yes ☒ No	

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification):

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21 - 261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON OILFIELD: Emergency non-hazardous non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: _____ Date: _____ Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: West Tx Dumpsters
ADDRESS: 4503 W C R 120
YARD #: WHP #: 6194 TRUCK #: 18
TICKET #: ROLL OFF BIN#: TRAILER #: —
DATE RECEIVED: 9-5-25 TIME RECEIVED: 1:00 ☐ AM ☒ PM
DISPATCHER NAME: Ismael De La Rosa
DISPATCHER PHONE #: 432 438 1056

The following statement must be signed by the truck driver prior to unloading at disposal facility:

I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIALS DESCRIBED IN PART 1 ABOVE

DRIVER: Adam Kellers (Driver's Name Printed)
DRIVER'S SIGNATURE:

I (TRANSPORTER) CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):
☐ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 9-5-25 TIME IN: 2:33 AM / PM TIME OUT: AM / PM

WASHOUT BY:
WASHOUT: TIME IN: TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER: ~~PASS~~ FAIL N/A
TCLP: PASS FAIL ~~N/A~~
TOX: PASS FAIL ~~N/A~~

NORM TESTING: P (Less than 50 MDE)

Shake Out:	1	2	3
H_2O			
S	N	N	

346342

Gallon Test:

SERVICE NOTES:
This is to certify that: _____ (Employee Printed Name) has received the above-mentioned waste, this waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: API # 30-025-06556
2. Page 1 of: 1
3. Emergency Response Phone: 866-742-0742
4. Waste Tracking Number:

5. Generator's Name and Mailing Address: TERRACON
1801 HANDLY EDERVILLE RD
FORT WORTH, TX 76118
Generator's Phone: 817-268-8600

Generator's Site Address (if different than mailing address): 32.4807053, -103.1230085
EUNICE, NM

6. Transporter 1 Company Name: WEST TEXAS DUMPSTERS
U.S. EPA ID Number: WHP 6188

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address: NORTHERN DELAWARE BASIN LANDFILL
2029 W. NM HWY 128
JAL, NM 88252
Facility's Phone:
U.S. EPA ID Number:

GENERATOR

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. CHLORIDE IMPACTED SOIL - EXEMPT API # 30-025-06556	1	CM		
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Generator's/Offeror's Printed/Typed Name: KEVIN WEICHERT
Signature:
Month: 09 Day: 04 Year: 25

INT'L

15. International Shipments: ☐ Import to U.S. ☐ Export from U.S.
Transporter Signature (for exports only): Port of entry/exit: Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name:
Signature:
Month: Day: Year:
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator): Northern Delaware Basin Landfill
U.S. EPA ID Number:
Facility's Phone: 505-231-1071
17c. Signature of Alternate Facility (or Generator): Amy Montanez
Month: 9 Day: 5 Year: 25

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Amy Montanez
Signature: Amy Montanez
Month: 9 Day: 5 Year: 25

169-BLS-C 5 11979 (Rev. 9/09)

OWL Landfill Services, LLC
DBA: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Kevin Urrutia (Authorized Agent's Printed Name and Title)
SIGNATURE:
COMPANY MAN EMAIL:
COMPANY MAN PHONE: 307-251-2529

MANIFEST # 0470477

Part 1 - Generator

COMPANY NAME: Talon DATE: 9 5 25
LEASE: Jal Unit Eunice Drinkard Unit PHONE:
AFE #: API: 30 025-00556
RIG NAME: WELL #: 037
STATE & COUNTY ORIGIN: Lea From

QUANTITY: ☐ BBLS ☐ YARDS
5 Totes

Waste Description (check only one box) ☐ RCRA Exempt ☐ RCRA Non-Exempt

☐ Water Based Cuttings (DRY)	☐ Water Based Cuttings (WET)	☐ Contaminated Soil	☐ Produced Sands
☐ Oil Based Cuttings (DRY)	☐ Oil Based Cuttings (WET)	☐ Injectable Fluids	☐ Non-Injectable Fluids
☐ Oil Base Mud	☐ Water Base Mud	☐ Muds w/Cement	☐ Tank Bottoms
☐ Rig Trash	☐ Pit Liners		
☐ Other: Totes (Water)		Authorize Washout?	☐ Yes ☑ No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)

☐ RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ SDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide Description Below)

☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name Date Signature

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Talon YARD #: WHP #: TRUCK #:
ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #:
DATE RECEIVED: TIME RECEIVED: ☐ AM ☐ PM DISPATCHER NAME: DISPATCHER PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Jose Bueno DRIVER'S SIGNATURE:
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): DATE: 9 5 25 TIME IN: 13:56 AM / PM
TIME OUT: AM / PM

☐ Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252

WASHOUT BY:
WASHOUT: TIME IN: TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A

NORM TESTING: P (Less than 50 MCR)

Shake Out:	1	2	3
H_2O	N/A		
S			

34/6326

Gallon Test:

SERVICE NOTES:
This is to certify that: Employee (Printed Name) has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE:

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Erin Taylor
Acting Cabinet Secretary

Ben Shelton
Deputy Cabinet Secretary

Albert C.S. Chang, Director
Oil Conservation Division

March 12, 2026

Apache Corporation
303 Veterans Airpark Ln
Midland, TX 79705

RE: Notification of Abatement for nDHR1922141227 East Blinebry Drinkard Unit #037, located in Unit letter E, Section 12, Township 21S, R37E

Dear Mr. Bole:

The New Mexico Oil Conservation Division (OCD) has reviewed Apache Corporation OGRID 873's (Apache) *Field Activity Report* submitted November 11, 2025, under application ID: 528526 for the East Blinebry Drinkard Unit (EBDU) #37, Incident ID# nDHR1922141227.

OCD has determined from the submitted report that groundwater has been impacted by Oil & Gas activity in excess of the standards outlined in 19.15.30.9 NMAC. Pursuant to 19.15.30 NMAC, OCD is requiring Apache to submit an abatement plan pursuant to 19.15.30.11 NMAC and Subsection A of 19.15.30.14 NMAC. Apache must submit a complete Stage 1 Abatement Plan proposal to OCD Permitting within 60 days of receipt of this letter. 19.15.30.13 A. NMAC. Apache may submit stage 1 and stage 2 abatement plan proposals together.

The public may view a copy of the *Field Activity Report* and the conditions online from OCD permitting under Incident ID# nDHR1922141227 at http://www.emnrd.state.nm.us/ocd/.

If Apache Corporation has any questions or concerns regarding this letter, please contact Brittany Hall at (505) 517-5333 or Brittany.Hall@emnrd.nm.gov.

Sincerely,

RosaM Romero

Rosa Romero
Environmental Bureau Chief

Released to Imaging: 3/12/2026 2:34:23 PM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 528526

CONDITIONS

Operator: APACHE CORPORATION 303 Veterans Airpark Ln Midland, TX 79705	OGRID: 873
	Action Number: 528526
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
bhall	Report accepted for record.	3/12/2026
bhall	Contiuned quarterly sampling of monitoring well network is required. Results must be submitted within 30 days after the end of each quarter.	3/12/2026
bhall	All reports shall include all field notes and calibration logs for field equipment used during groundwater monitoring events.	3/12/2026
bhall	Pursuant to 19.15.30 NMAC, OCD is requiring Apache to submit an abatement plan pursuant to 19.15.30.11 NMAC and Subsection A of 19.15.30.14 NMAC. See letter attached to this application. A copy of this letter will also be emailed to the operator.	3/12/2026
bhall	Apache must submit a Stage I Abatement Plan, or a Stage I and II Abatement Plan, thorugh the OCD Permitting website by May 11, 2026.	3/12/2026