

Texas Commission on Environmental Quality

Remediation Division Correspondence Identification Form

SITE & PROGRAM AREA IDENTIFICATION

SITE LOCATION			REMEDIATION DIVISION PROGRAM AND FACILITY IDENTIFICATION	
Site Name: San Miguel Electric Cooperative, Inc.			Is This Site Being Managed Under A State Lead Contract? ☐ Yes ☒ No	
Address 1: 6200 FM 3387			Program Area:	IHW CORRECTIVE ACTION
Address 2:			Mail Code:	MC-130
City: Christine		State: Texas	Is This A New Site To This Program Area? ☐ Yes ☒ No	
Zip Code:	78026	County:	Atascosa	TCEQ Facility ID No.: CCR 109
TCEQ Region: Region 13 - San Antonio			--Leave This Field Blank--	

DOCUMENT(S) IDENTIFICATION

PHASE OF REMEDIATION	DOCUMENT NAME
1. ASSESSMENT	GROUNDWATER (OR OTHER MEDIA) MONITORING REPORT
2.	
3.	
4.	
5.	

CONTACT INFORMATION

RESPONSIBLE PARTY/APPLICANT/CUSTOMER

Name: Dave Burris	Phone Number: 830-784-3411	Fax Number:
Company: San Miguel Electric Cooperative, Inc.		
Address 1: PO BOX 280	City: Jourdanton State: TX	Zip Code: 78026
Address 2:	Email Address: dburris@smeci.net	

ENVIRONMENTAL CONSULTANT/REPORT PREPARER/AGENT

Name: Stephen Richardson, PE	Phone Number: 512-346-4474	Fax Number:
Company: GSI Environmental, Inc.		
Address 1: 10801-2 N MoPac Expwy	City: Austin State: TX	Zip Code: 78759
Address 2: Suite 350	Email Address: sdrichardson@gsi-net.com	

TCEQ INTERNAL USE ONLY

Document No.	TCEQ Database Term	Document No.	TCEQ Database Term
1.	GW/MEDIA MONITORING RPT	4.	
2.		5.	
3.			



Texas Commission on Environmental Quality

Waste Permits Division Correspondence

Cover Sheet

Date: January 30, 2026

Facility Name: San Miguel Electric Cooperative, Inc.

Permit or Registration No.: CCR 109

Nature of Correspondence:

☒ Initial/New

☐ Response/Revision to TCEQ Tracking No.:
_____ (from subject line of TCEQ letter
regarding initial submission)

Affix this cover sheet to the front of your submission to the Waste Permits Division. Check appropriate box for type of correspondence. Contact WPD at (512) 239-2335 if you have questions regarding this form.

Table 1 - Municipal Solid Waste Correspondence

Applications	Reports and Notifications
☐ New Notice of Intent	☐ Alternative Daily Cover Report
☐ Notice of Intent Revision	☐ Closure Report
☐ New Permit (including Subchapter T)	☐ Compost Report
☐ New Registration (including Subchapter T)	☐ Groundwater Alternate Source Demonstration
☐ Major Amendment	☐ Groundwater Corrective Action
☐ Minor Amendment	☐ Groundwater Monitoring Report
☐ Limited Scope Major Amendment	☐ Groundwater Background Evaluation
☐ Notice Modification	☐ Landfill Gas Corrective Action
☐ Non-Notice Modification	☐ Landfill Gas Monitoring
☐ Transfer/Name Change Modification	☐ Liner Evaluation Report
☐ Temporary Authorization	☐ Soil Boring Plan
☐ Voluntary Revocation	☐ Special Waste Request
☐ Subchapter T Disturbance Non-Enclosed Structure	☐ Other:
☐ Other:	

Table 2 - Industrial & Hazardous Waste Correspondence

Applications	Reports and Responses
☐ New	☐ Annual/Biennial Site Activity Report
☐ Renewal	☐ CPT Plan/Result
☐ Post-Closure Order	☐ Closure Certification/Report
☐ Major Amendment	☐ Construction Certification/Report
☐ Minor Amendment	☐ CPT Plan/Result
☐ CCR Registration	☐ Extension Request
☐ CCR Registration Major Amendment	☒ Groundwater Monitoring Report
☐ CCR Registration Minor Amendment	☐ Interim Status Change
☐ Class 3 Modification	☐ Interim Status Closure Plan
☐ Class 2 Modification	☐ Soil Core Monitoring Report
☐ Class 1 ED Modification	☐ Treatability Study
☐ Class 1 Modification	☐ Trial Burn Plan/Result
☐ Endorsement	☐ Unsaturated Zone Monitoring Report
☐ Temporary Authorization	☐ Waste Minimization Report
☐ Voluntary Revocation	☐ Other:
☐ 335.6 Notification	
☐ Other:	

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

**San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas**



Issued: 30 January 2026

Prepared for: San Miguel Electric Cooperative, Inc.



GSI Environmental Inc.

10801-2 N MoPac Expwy, Suite 350, Austin, Texas 78759-6387 ■ P: 512.346.4474

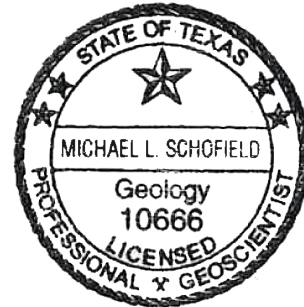


2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

A handwritten signature in blue ink, appearing to read 'Michael L. Schofield'.

Michael L. Schofield, PG
Texas Professional Geoscientist, #10666



A handwritten signature in black ink, appearing to read 'Stephen D. Richardson'.

Stephen D. Richardson, PhD, PE
Texas Professional Engineer, #116664



Prepared for:

SAN MIGUEL ELECTRIC COOPERATIVE, INC.

Prepared by:

GSI Environmental Inc.

10801-2 N MoPac Expwy, Suite 350
Austin, TX 78759

GSI Job No. 5076

Issued: 30 January 2026

TABLE OF CONTENTS

1.0 Introduction	1
1.1 Plant Overview	1
1.2 Geology & Hydrogeology	2
2.0 Groundwater Monitoring Program Highlights, 40 CFR § 257.90(e) and (e)(1)/ 30 TAC § 352.901.....	2
2.1 Status of Groundwater Monitoring Program.....	2
2.2 Summary of Key Actions Completed.....	2
2.3 Description of Problems Encountered and Resolution.....	3
2.4 Projected Key Activities for the Upcoming Year.....	3
3.0 Groundwater Monitoring Well Network, 40 CFR § 257.90(e)(2)/ 30 TAC § 352.901	4
3.1 CCR Unit-Specific Monitoring Wells.....	4
3.2 Additional Groundwater Monitoring at the Plant.....	5
4.0 Groundwater Monitoring Data, 40 CFR § 257.90(e)(3)/ 30 TAC § 352.901	5
4.1 Summary of Groundwater Samples Collected	5
4.2 Groundwater Flow Direction	5
4.3 Semiannual Groundwater Monitoring Results.....	5
5.0 Monitoring Program Transitions, 40 CFR § 257.90(e)(4)/ 30 TAC § 352.901	6
6.0 Other Information, § 257.90(e)(5)/ 30 TAC § 352.901	7
6.1 Detection Monitoring Program, § 257.94/ 30 TAC §352.941	7
6.2 Assessment Monitoring Program, 40 CFR § 257.95/ 30 TAC § 352.951	7
6.3 Assessment of Corrective Measures, 40 CFR § 257.96/ 30 TAC § 352.961.....	7
6.4 Selection of Remedy, 40 CFR § 257.97/ 30 TAC § 352.971	7
6.5 Implementation of Corrective Action Program, 40 CFR § 257.98/ 30 TAC § 352.981	8
7.0 References.....	9

Tables

Table 1	Groundwater Sampling Event Summary - 2025
Table 2	Groundwater Elevation Data - 2025
Table 3	Field Parameter Results - 2025
Table 4A	Ash Pile Groundwater Analytical Results - 2025
Table 4B	Ash Ponds Groundwater Analytical Results - 2025
Table 4C	East Equalization Pond Groundwater Analytical Results - 2025

Figures

Figure 1	Site Map
Figure 2	Unit 22 Potentiometric Surface Map - February 2025
Figure 3	Unit 22 Potentiometric Surface Map - August 2025

Appendices

Appendix A	Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells
Appendix B	Data Usability Summaries and Laboratory Analytical Reports

1.0 INTRODUCTION

On behalf of San Miguel Electric Cooperative, Inc. (San Miguel), GSI Environmental Inc. (GSI) has prepared this Coal Combustion Residuals (CCR) Annual Groundwater Monitoring and Corrective Action Report for the San Miguel Electric Plant (the Plant) located near Christine, Atascosa County, Texas. This report, prepared in accordance with requirements specified in 40 Code of Federal Regulations (CFR) § 257.90(e) and 30 Texas Administrative Code (TAC) § 352.901 (which incorporates § 257.90 by reference), summarizes activities conducted during the period of 1 January to 31 December 2025 for the CCR management units at the Plant.

1.1 Plant Overview

The Plant has three units used for the management of CCR that are subject to requirements in 40 CFR Part 257, Subpart D and 30 TAC § 352 (herein, “the CCR Rule”): the Ash Pile, the Combined Ash Transport Ponds (Ash Ponds), and the East Equalization Pond (Figure 1).

Ash Pile: The Ash Pile, located northwest of the Plant operations area and east of the Lignite Storage Pile, is a CCR landfill as defined by 40 CFR § 257.53/30 TAC § 352.3 with an area of approximately one acre. It is used for temporary storage of CCR, specifically a stabilized mixture of fly ash and flue gas desulfurization (FGD) scrubber waste treatment sludge. CCR materials are collected from the Ash Pile, typically on a daily basis, and are transported to the mine.

Ash Ponds (Combined Ash Transport Ponds): In 2019-2020, Ash Pond A and Ash Pond B, located along the southern boundary of the Plant and east of the Yard Drainage Retention Pond, were retrofitted to meet the requirements in 40 CFR § 257.70(b)/ 30 TAC § 352.701. Ash Ponds A and B were retrofitted as follows: i) dewatering and removal of all CCR from the ponds (staged at the Ash Pile and transported to the mine), ii) regrading and compacting of the ponds to obtain slopes and surfaces conducive to installation of liner elements, and iii) installation of a 60-mil High Density Polyethylene (HDPE) liner as required by 40 CFR § 257.101(a)(1)/ 30 TAC § 352.1211. The retrofitted Ash Pond A occupies the same footprint as the original Ash Pond A, while Ash Pond B was divided into two parts during the retrofit process, with the current Ash Pond B on the east side of the original footprint, and the South Equalization Basin on the west. The South Equalization Basin replaces the East Equalization Pond which underwent closure in 2021-2022 (discussed below). Overall, the retrofitted Ash Ponds and South Equalization Pond (referred to collectively as the Combined Ash Transport Ponds) occupy the same footprint of former Ash Ponds A and B.

Ash Ponds A and B received process flows from bottom ash transport, stormwater runoff from the Lignite Pile via the Lignite Yard Retention Pond, cooling tower blowdown, plant floor drainage, direct precipitation, stormwater runoff, and boiler feeder treatment wastewater (ERM, 2016). The South Equalization Basin accepts CCR that formerly entered the East Equalization Pond.

East Equalization Pond: The East Equalization Pond, formerly known as the Equalization Pond, is located on the eastern boundary of the Plant property and was formerly used to receive FGD scrubber wastewater (a spent limestone slurry) and treated sewage wastewater from the Plant. San Miguel closed the East Equalization Pond in 2022, which consisted of dewatering, grading, and compaction of sediment, and the installation of the final cap system. The final cap consists of a minimum of two feet of compacted clay with a permeability of less than 1×10^{-7} centimeter per second (cm/s) overlain by at least six inches of topsoil, in accordance with 40 CFR §

257.102(d)(3)/ 30 TAC § 352.1221 (NewFields, 2022). Installation of the final clay cap and topsoil was completed in February 2022.

1.2 Geology & Hydrogeology

Shallow geologic units at the Plant consist of unconsolidated Eocene age sediments of the Jackson Group, with Quaternary alluvium present along surface drainages. The Jackson Group sediments typically comprise surficial and shallow stiff clays overlying a shallow silty to clayey water-bearing sand. This sand is designated as “Unit 22.” Unit 22 meets the definition of an “uppermost aquifer” at the Plant based on the CCR Rule (40 CFR § 257.53/30 TAC § 352.3) and is therefore the focus of San Miguel’s groundwater monitoring under the CCR Rule. Unit 22 is a green-gray fine-grained clayey glauconitic sand unit. In the immediate Plant area, the upper contact of Unit 22 varies from 5 to 30 feet (ft) below ground surface (bgs) and has a thickness ranging from 5 to 25 ft. Unit 22 is discontinuous in the area northwest of the Plant, and the water-bearing portion of this stratum terminates along a boundary located northwest of the Ash Pile area (see Section 4.2).

2.0 GROUNDWATER MONITORING PROGRAM HIGHLIGHTS, 40 CFR § 257.90(E) AND (E)(1)/ 30 TAC § 352.901

2.1 Status of Groundwater Monitoring Program

The Ash Pile is currently in detection monitoring, in accordance with 40 CFR § 257.94 and 30 TAC § 352.941. The Ash Ponds and East Equalization Pond are in corrective action monitoring that meets the requirements of assessment monitoring pursuant to 40 CFR § 257.98(a)(1)(i)/ 30 TAC § 352.981. Groundwater at the three CCR units is monitored on a semiannual basis. A map of the Plant showing the three CCR units and all Plant upgradient and downgradient monitoring wells is provided in Figure 1. Figure 1 also depicts observation wells, groundwater extraction wells and off-Plant (non-CCR) network monitoring wells.

2.2 Summary of Key Actions Completed

Key actions completed for the three CCR units during this reporting period included:

- February 2025 and August 2025 Semiannual Groundwater Monitoring Events, as required by 40 CFR § 257.94 and 30 TAC § 352.941 (Ash Pile) and 40 CFR § 257.95/§ 257.98 and 30 TAC § 352.951/§ 352.981 (Ash Ponds and East Equalization Pond).

Additional activities at the Ash Pile included:

- Re-Testing Events, to confirm statistical significance of initial detected exceedances of background comparison values. Groundwater re-testing events were conducted at the Ash Pile in i) March and May 2025 for the February semiannual event and ii) October and November 2025 for the August semiannual event. The re-testing events are consistent with the 1-of-3 re-testing approach outlined in the Background Comparison Value Update for the unit (GSI, 2021) which is designed to ensure a sitewide false positive rate (SWPFR) of less than 10% (or 5% for each of the two semiannual sampling events; TCEQ 2020, USEPA 2009). Results from the March and May events confirmed statistically significant increases (SSIs) of Calcium and Chloride in well SP-32. Initial exceedances of Boron, Calcium and Chloride at select wells were not confirmed during these events. Results from

the October and November events confirmed an SSI of Chloride in well SP-32. Initial exceedances of Boron and Calcium at select wells were not confirmed during these events. Refer to Table 4A for additional details with respect to re-testing events.

- Alternative Source Demonstration. The August 2024 semiannual groundwater monitoring event and October and December 2024 re-testing events confirmed SSIs of Calcium at Ash Pile wells SP-03 and SP-32. An Alternative Source Demonstration (ASD) was submitted for the Ash Pile in accordance with § 257.94(e)(2) on 6 March 2025 (GSI, 2025a).
- Alternative Source Demonstration. The February 2025 semiannual groundwater monitoring event and March and May 2025 re-testing events confirmed SSIs of Calcium and Chloride at Ash Pile well SP-32. An ASD was submitted for the Ash Pile in accordance with § 257.94(e)(2) on 08 August 2025 (GSI, 2025b).

Additional actions for the Ash Ponds and East Equalization Pond included:

- Continued Implementation of the Groundwater Remedy for the Ash Ponds and East Equalization Pond. Continued implementation of the remedy was performed via operation and maintenance of six solar-powered groundwater extraction wells, placed at areas of elevated chemical of concern (COC) concentrations in groundwater downgradient of the referenced units. This work was performed in accordance with the requirements of 40 CFR § 257.98/ 30 TAC § 352.981.

2.3 Description of Problems Encountered and Resolution

During the reporting period, the following issues were identified with the groundwater monitoring programs at the Ash Pile, Ash Ponds and Equalization Pond:

- At the Ash Ponds, the detection limits for antimony were higher than the groundwater protection standards (GWPS) during the February 2025 event (Table 4B). This is a result of laboratory sample dilution necessary to bring the concentration of target analytes within the calibration range. Dilution is unavoidable when the concentrations of target analytes exceed the upper calibration range.
- At the Equalization Pond, the detection limits for antimony and thallium were higher than the groundwater protection standards (GWPS) during the February 2025 event (Table 4C). This is a result of laboratory sample dilution necessary to bring the concentration of target analytes within the calibration range. Dilution is unavoidable when the concentrations of target analytes exceed the upper calibration range.

2.4 Projected Key Activities for the Upcoming Year

In 2026, projected key activities include:

- Semiannual groundwater monitoring at the CCR units, as required by 40 CFR § 257.94/ 30 TAC § 352.941 (Ash Pile) and § 257.98(a)(1)(i) (Ash Ponds and East Equalization Pond).

- Continued implementation of the groundwater remedy for the Ash Ponds and East Equalization Pond in accordance with the requirements of 40 CFR § 257.98/ 30 TAC § 352.981.
- In 2021, USEPA approved the Texas partial CCR state permit program, which allows the Texas Commission on Environmental Quality (TCEQ) to enforce rules promulgated under its solid waste statute related to CCR activities. San Miguel submitted a Registration Application dated 21 January 2022 to the TCEQ for the three CCR units at the Plant that are subject to regulation under 40 CFR § 257 and 30 TAC § 352 (GSI, 2022). TCEQ requested additional information to demonstrate compliance with 30 TAC § 305 and 352 in Notice of Deficiency (NOD) letters dated 27 June 2022, 22 September 2022, and 6 December 2023, respectively. San Miguel provided NOD responses on 18 July 2022, 21 October 2022, and 5 January 2024, respectively, which are currently under review by TCEQ. It is anticipated that TCEQ's review will be completed and CCR registration issued in 2026.
- The August 2025 semiannual groundwater monitoring event and October and November 2025 re-testing events confirmed an SSI of Chloride at Ash Pile well SP-32. In accordance with 40 CFR § 257.94/ 30 TAC § 352.941, an ASD will be prepared and submitted to TCEQ on or before March 1, 2026.
- In compliance with the 2024 Legacy CCR Rule codified in 40 CFR § 257 Subpart D, a Facility Evaluation Report (FER) Part 1 will be prepared to identify the presence or potential presence of a CCR Management Unit (CCRMU), which is defined as an area containing CCR material which accumulated through either planned site operations or by a spill or release to the ground located outside of permitted CCR units that are already regulated by the 2015 CCR Rule. In accordance with the rule, a FER Part 1 will be prepared and submitted to TCEQ on or before February 9, 2026.

3.0 GROUNDWATER MONITORING WELL NETWORK, 40 CFR § 257.90(E)(2)/ 30 TAC § 352.901

3.1 CCR Unit-Specific Monitoring Wells

The groundwater monitoring well network for the CCR units at the Plant consists of 32 monitoring wells installed between July 2015 and July 2024 (AECOM, 2018; ERM, 2017) (Figure 1). The well network includes: five monitoring wells for the Ash Pile, eleven monitoring wells for the Ash Ponds, nine monitoring wells for the East Equalization Pond, and seven groundwater observation wells (Table 2). The wells are screened in Unit 22, except for well SP-33 which is screened in a sand unit shallower than Unit 22.

Pursuant to 40 TAC § 257.91(c)(1)/ 30 TAC § 352.911, each CCR unit has a minimum of one upgradient and three downgradient wells. Semiannual monitoring continues to be conducted, as described in Section 5.0. The purpose of this monitoring is to measure groundwater elevations across the Plant and to evaluate possible changes in groundwater quality associated with each unit. The observation wells are used principally for groundwater elevation measurements.

No monitoring or observation wells were added or removed from the CCR unit-specific monitoring well network in 2025. All wells were found to be in good working condition during the February and August 2025 sampling events.

3.2 Additional Groundwater Monitoring at the Plant

There were no changes to the CCR unit-specific monitoring well network in 2025. Routine monitoring of the Ash Pond and East Equalization Pond extraction wells is ongoing to assess performance of the system (see Section 6.5).

4.0 GROUNDWATER MONITORING DATA, 40 CFR § 257.90(E)(3)/ 30 TAC § 352.901

4.1 Summary of Groundwater Samples Collected

Field measurements and groundwater sampling were performed in general accordance with the Groundwater Sampling and Analysis Plan (GSI, 2019). The sample collection and analytical procedures presented in the Sampling and Analysis Plan are consistent with current industry standards and practices and meet the requirements in 40 CFR § 257.93/ 30 TAC §352.931.

A summary of groundwater samples collected for the CCR unit semiannual monitoring events is provided in Table 1. Specifically, this table provides the number of groundwater samples that were collected for analysis from each upgradient and downgradient well, the sampling date, and regulatory program, as required by 40 CFR § 257.90(e)(3)/ 30 TAC §352.901.

4.2 Groundwater Flow Direction

The semiannual groundwater monitoring events were conducted in February 2025 and August 2025. Upgradient, downgradient, and observation wells were gauged prior to sampling, and the resulting groundwater elevation data are summarized in Table 2. In general, a hydrologic high in the northwest corner of the Plant causes localized radial groundwater flow in the vicinity of the Ash Pile, and southeast to easterly flow in the vicinity of the Ash Ponds and East Equalization Pond (Figures 2 and 3). The Ash Pile is in a transitional zone where Unit 22 thins and rises in elevation westward, with the water-bearing portion of this stratum terminating along a boundary northwest of observation well SP-35 (Figures 2 and 3).

4.3 Semiannual Groundwater Monitoring Results

In addition to water level gauging, the semiannual groundwater monitoring events included measurement of field parameters prior to sample collection. Field measurements included temperature, pH, specific conductance, oxidation-reduction potential, dissolved oxygen, and turbidity (Table 3). Results from the February 2025 and August 2025 groundwater monitoring events at the CCR upgradient and downgradient wells are summarized in Tables 4A – 4C. Cumulative results for all CCR network wells are provided in Appendix A.

- Ash Pile: At the Ash Pile, the upgradient and downgradient wells were sampled and analyzed for Appendix III constituents, consistent with the requirements for detection monitoring (40 CFR § 257.94(a)/ 30 TAC § 352.941). Results are summarized in Table 4A. The Appendix III constituents with initial exceedances of background values in 2025 were Boron (SP-02), Calcium (SP-03 and SP-32) and Chloride (SP-03 and SP-32). Resampling events in accordance with the 1-of-3 re-testing approach outlined in the Background Comparison Value Update for the unit (GSI, 2021) did not confirm initial exceedances of Boron. However, resampling events did confirm SSIs of Calcium and Chloride at wells SP-32.

- Ash Ponds: At the Ash Ponds, the upgradient and downgradient wells were sampled and analyzed for Appendix III and IV constituents, consistent with the requirements for assessment (40 CFR § 257.95/ 30 TAC §352.951) and corrective action monitoring (40 CFR § 257.98(a)(i)/ 30 TAC § 352.981). The 2025 semiannual monitoring results for the Ash Ponds are summarized in Table 4B. The Appendix IV constituents with exceedances of the respective GWPS in 2025 were Antimony (PZ-03), Mercury (PZ-03, AP-33 and AP-34), Selenium (PZ-03, AP-32, AP-33 and AP-34) and Combined Radium (AP-31, AP-32, AP-35, AP-36, MW-03, PZ-05 and PZ-06).
- East Equalization Pond: At the East Equalization Pond, the upgradient and downgradient wells were sampled and analyzed for Appendix III and IV constituents, consistent with the requirements for assessment 40 CFR § 257.95/ 30 TAC §352.951) and corrective action monitoring (40 CFR § 257.98(a)(i)/ 30 TAC § 352.981). The 2025 semiannual monitoring results for the East Equalization Pond are summarized in Table 4C. The Appendix IV constituents with exceedances of GWPS in 2025 were Antimony (EP-31), Selenium (EP-31), and Combined Radium (EP-31, EP-32, EP-33, EP-34, EP-35, EP-36, EP-37, EP-38 and MW-04).

Data validation was completed on all laboratory analytical results. Data Usability Summaries provided in Appendix B.

5.0 MONITORING PROGRAM TRANSITIONS, 40 CFR § 257.90(E)(4)/ 30 TAC § 352.901

Groundwater monitoring programs continued unchanged in 2025. For reference, the status of monitoring program at each unit is summarized below:

- Ash Pile. In 2025, detection monitoring continued.
- Ash Ponds. In 2025, corrective action monitoring continued. This unit transitioned to assessment monitoring in 2018 based on an SSI evaluation (Zephyr, 2018). It continued to be addressed in the assessment monitoring program in the first and second quarter of 2020, until July 2020, when remedy construction began. Construction of the retrofit liner system in the Combined Ash Transport Ponds was completed in November 2020, at which point the unit transitioned to corrective action monitoring. Future corrective action monitoring will be conducted pursuant to (40 CFR § 257.98(a)(i)/ 30 TAC § 352.981). This monitoring will be done in a manner consistent with the assessment monitoring process described in 40 CFR § 257.95/ 30 TAC §352.951.
- East Equalization Pond. In 2025, corrective action monitoring continued. This unit transitioned to assessment monitoring in 2018 based on an SSI determination (Zephyr, 2018). As with the Ash Ponds, it was transitioned to corrective action monitoring in 2020. The unit was closed and the final cap system was installed in 2022. Future corrective action monitoring will be conducted pursuant to 40 CFR § 257.98(a)(i)/ 30 TAC § 352.981. This monitoring will be done in a manner consistent with the assessment monitoring process, as required by 40 CFR § 257.95/ 30 TAC §352.951.

6.0 OTHER INFORMATION, § 257.90(E)(5)/ 30 TAC § 352.901

There is no other information to report pertinent to 40 CFR § 257.90/ 30 TAC § 352.901 through 40 CFR § 257.98/ 30 TAC § 352.981 in this reporting period.

6.1 Detection Monitoring Program, § 257.94/ 30 TAC §352.941

The following information applies to the Ash Pile. 30 TAC §352.941 adopts by reference 40 CFR §257.94 (Detection monitoring program) as amended through the April 17, 2015, issue of the Federal Register (80 FR 21301), therefore the citations in this section refer directly to the federal rule text.

- Target Analytes, § 257.94(a). Laboratory analyses were performed for all constituents listed in Appendix III of the CCR Rule, as required by § 257.94(a).
- Monitoring Frequency, § 257.94(b) and (d). Semiannual detection monitoring was completed in 2025 and is ongoing. No alternative monitoring frequency has been developed or proposed.
- Number and Location of Samples, § 257.94(c). At least one sample was collected from each upgradient and downgradient well during each semiannual monitoring event, as required by § 257.94(c).
- Data Evaluation, § 257.94(e). Results from semiannual detection monitoring are provided in Table 4A. The February 2025 semiannual monitoring event and March and May 2025 re-testing events confirmed SSIs of Calcium and Chloride at well SP-32. An ASD was prepared and submitted to TCEQ on August 8, 2025. The August 2025 semiannual monitoring event and October and November 2025 re-testing events confirmed an SSI of Chloride at well SP-32. An ASD will be prepared and submitted to TCEQ in the first quarter of 2026.
- Recordkeeping, § 257.94(f). The 2024 Annual Groundwater Monitoring and Corrective Action Report was posted to the San Miguel website.

6.2 Assessment Monitoring Program, 40 CFR § 257.95/ 30 TAC § 352.951

The following information applies to the Ash Ponds and East Equalization Pond. The Ash Ponds and East Equalization Pond were formerly under assessment monitoring but transitioned from assessment to corrective action monitoring in 2020. Section 6.5 provides details on the Corrective Action Monitoring Program (which complies with the assessment monitoring requirements of 30 TAC § 352.951, which adopts by reference § 257.95 as amended through the April 17, 2015, issue of the Federal Register (80 FR 21301).

6.3 Assessment of Corrective Measures, 40 CFR § 257.96/ 30 TAC § 352.961

Not applicable for this reporting period.

6.4 Selection of Remedy, 40 CFR § 257.97/ 30 TAC § 352.971

Not applicable for this reporting period.

6.5 Implementation of Corrective Action Program, 40 CFR § 257.98/ 30 TAC § 352.981

In 2025, several corrective actions related to the selected remedy at the Ash Ponds and East Equalization Pond were performed pursuant to 40 CFR § 257.98(a)/ 30 TAC § 352.981. 30 TAC § 352.981 adopts by reference 40 CFR § 257.98 (Implementation of the corrective action program) as amended through the April 17, 2015, issue of the Federal Register (80 FR 21301), therefore the citations in this section refer directly to the federal rule text.

- Corrective Action Groundwater Monitoring Program: Corrective action monitoring has the same requirements as those set forth in assessment monitoring. As required by § 257.98(a)(1)(i), the program complies with the requirements of § 257.95, including:
 - Target Analytes, § 257.95(a) and (b). Laboratory analysis was performed for all constituents listed in Appendix III and IV of the CCR Rule. Although the CCR Rule allows for some flexibility, the semiannual monitoring event included all Appendix III and IV constituents.
 - Monitoring Frequency, § 257.95(b), (c) and (d)(1). Semiannual corrective action monitoring was completed in February 2025 and August 2025. No alternative monitoring frequency has been developed or proposed for the Ash Ponds or Equalization Pond.
 - Number and Location of Samples, § 257.95(d)(1). At least one sample was collected from each upgradient and downgradient well during each semiannual monitoring event, as required by § 257.95(d)(1).
 - Data Evaluation, § 257.95(d)(2) through (h). Results are provided in Table 4B and 4C. As noted in Section 4.3, the key constituents exceeding Appendix IV GWPS in 2025 were antimony, mercury, selenium, and combined radium for the Ash Ponds, and antimony, selenium and combined radium for the East Equalization Pond.
 - Recordkeeping, § 257.95(i). The 2024 Annual Groundwater Monitoring and Corrective Action Report was posted to the San Miguel website.
- Source Control: In 2019-2020, Ash Pond A and Ash Pond B, located along the southern boundary of the Plant and east of the Yard Drainage Retention Pond, were retrofitted to meet the requirements in 40 CFR § 257.70(b)/ 30 TAC § 352.701. San Miguel completed closure activities at the East Equalization Pond in 2022. Source control was identified as a component of the final groundwater remedy in the Selection of Groundwater Remedy report dated 26 May 2020 (GSI, 2020). In addition to source control measures, an interceptor trench was installed in November 2020 to collect any shallow seepage from the East Equalization Pond. The interceptor trench is a temporary measure and does not intercept Unit 22.
- Hydraulic Control: Six groundwater extraction wells (EW-01 to -06; see Figure 1) were operated downgradient of the Combined Ash Transport Ponds and East Equalization Pond in areas of elevated boron and other metals concentrations to remove the groundwater containing the greatest mass of metals. Although boron is an Appendix III constituent and therefore does not drive the extent of groundwater cleanup, it is both associated with CCR releases to groundwater and can be considered a conservative “tracer” of such releases. In 2025, the groundwater extraction system operated from the end of January through the end of December. It was shut down during the beginning of

January for freeze protection. All extracted groundwater (from EW-01 to EW-06) is routed to the Ash Ponds. Groundwater extraction at the East Equalization Pond is expected to reduce the concentrations of metals in groundwater to such a degree that monitored natural attenuation (MNA) can achieve GWPSs in a reasonable timeframe. Performance monitoring of the extraction system, including data collection and evaluation, is ongoing at the Ash Ponds and East Equalization Pond, as required by § 257.98(b).

7.0 REFERENCES

- AECOM, 2018. CCR Annual Groundwater Monitoring Report (§ 257.90) for the Equalization Pond, Ash Pond, and Ash Pile at the San Miguel Plant; 31 January 2018.
- ERM, 2016. San Miguel Electric Cooperative, Inc. Ash Pile Stormwater Run-On and Run-Off Control System Plan, Atascosa County, Texas. 14 October 2016.
- ERM, 2017. CCR Unit Groundwater Monitoring System Certification - San Miguel Electric Cooperative, Inc., Atascosa County, Texas; 17 October 2017.
- GSI, 2019. Groundwater Sampling and Analysis Plan. San Miguel Electric Plant, Atascosa County, Texas; Issued 26 December 2019.
- GSI, 2020. Selection of Groundwater Remedy: Ash Ponds and Equalization Pond, San Miguel Electric Cooperative, Inc.; Issued 26 May 2020.
- GSI, 2021. Background Comparison Value Update for Detection Monitoring at the Ash Pile CCR Unit, San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas; Issued 31 January 2021.
- GSI, 2022. Registration Application for Coal Combustion Residuals (CCR) Waste Management. San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas, TCEQ Solid Waste Registration No 31434. Issued 21 January 2022.
- GSI, 2025a. Alternative Source Demonstration for Calcium at the Ash Pile; Second Half 2024 Semiannual Groundwater Monitoring Event; San Miguel Electric Plant, Atascosa County, Texas, CCR109; Issued 06 March 2025.
- GSI, 2025b. Alternative Source Demonstration for Calcium and Chloride at the Ash Pile; First Half 2025 Semiannual Groundwater Monitoring Event; San Miguel Electric Plant, Atascosa County, Texas, CCR109; Issued 08 August 2024.
- NewFields, 2022. San Miguel Electric Cooperative Equalization (EQ) Pond Closure Final Construction Report. Christine, Atascosa County, Texas. June 2022.
- Texas Commission on Environmental Quality (TCEQ), 2020. Draft Technical Guidance No. 32, Topic: Coal Combustion Residuals (CCR) Groundwater Monitoring and Corrective Action. Texas Commission on Environmental Quality Waste Permits Division. May 2020.
- United States Environmental Protection Agency (USEPA), 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. Office of Resource Conservation and Recovery.
- Zephyr Environmental Corporation, 2018. Detection Groundwater Monitoring Statistical Comparisons; Issued 18 January 2018.

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Tables

Table 1	Groundwater Sampling Event Summary - 2025
Table 2	Groundwater Elevation Data - 2025
Table 3	Field Parameter Results - 2025
Table 4A	Ash Pile Groundwater Analytical Results - 2025
Table 4B	Ash Ponds Groundwater Analytical Results - 2025
Table 4C	East Equalization Pond Groundwater Analytical Results - 2025

TABLE 1
Groundwater Sampling Event Summary - 2025

San Miguel Electric Cooperative, Inc.
Christine, Atacosa County, Texas

Well ID	Installation Date	Well Type	Hydraulic Location	Number of Samples	Sample Date	Monitoring Program
Ash Pile						
SP-34	10/19/2016	Upgradient Monitoring Well	Upgradient	2	2/12/2025 8/20/2025	Detection Monitoring
SP-01	11/12/2015	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Detection Monitoring
SP-02	11/13/2015	Downgradient Monitoring Well	Downgradient	5	2/12/2025 3/26/2025 8/20/2025 10/1/2025 11/11/2025	Detection Monitoring
SP-03	11/11/2015	Downgradient Monitoring Well	Downgradient	4	2/12/2025 3/26/2025 5/7/2025 8/20/2025	Detection Monitoring
SP-32	5/5/2016	Downgradient Monitoring Well	Downgradient	6	2/12/2025 3/26/2025 5/7/2025 8/20/2025 10/1/2025 11/11/2025	Detection Monitoring
Ash Ponds						
PZ-02	11/14/2015	Upgradient Monitoring Well	Upgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
PZ-03	11/18/2015	Upgradient Monitoring Well	Upgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
AP-31	4/30/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
AP-32	4/29/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
AP-33	4/29/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
AP-34	4/28/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
AP-35	4/28/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
AP-36	4/27/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring

TABLE 1
Groundwater Sampling Event Summary - 2025

San Miguel Electric Cooperative, Inc.
 Christine, Atacosa County, Texas

Well ID	Installation Date	Well Type	Hydraulic Location	Number of Samples	Sample Date	Monitoring Program
Ash Ponds						
MW-03	7/30/2015	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
PZ-05	11/16/2015	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
PZ-06	11/20/2015	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
East Equalization Pond						
EP-31	5/4/2016	Upgradient Monitoring Well	Upgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
EP-32	5/4/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
EP-33	5/3/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
EP-34	5/3/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
EP-35	5/2/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
EP-36	5/2/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
EP-37	4/26/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
EP-38	4/27/2016	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring
MW-04	7/31/2015	Downgradient Monitoring Well	Downgradient	2	2/12/2025 8/20/2025	Assessment Monitoring

TABLE 2
Groundwater Elevation Data - 2025

San Miguel Electric Cooperative, Inc.
 Christine, Atascosa County, Texas

Well ID	Top of Casing Elevation (ft amsl)	Date	Total Depth (ft btoc)	Depth to Water (SWL) (ft btoc)	Groundwater Elevation (ft amsl)
Ash Pile					
SP-34	334.62	2/12/2025	55	31.77	302.85
SP-34	334.62	8/20/2025	55	32.13	302.49
SP-01	329.25	2/12/2025	52	26.23	303.02
SP-01	329.25	8/20/2025	52	26.69	302.56
SP-02	333.48	2/12/2025	50	30.11	303.37
SP-02	333.48	3/26/2025	50	31.21	302.27
SP-02	333.48	8/20/2025	50	30.58	302.9
SP-02	333.48	10/1/2025	50	31.01	302.47
SP-02	333.48	11/11/2025	50	31.41	302.07
SP-03	332.00	2/12/2025	65	29.81	302.19
SP-03	332.00	3/26/2025	65	30.87	301.13
SP-03	332.00	5/7/2025	65	30.83	301.17
SP-03	332.00	8/20/2025	65	30.53	301.47
SP-32	327.89	2/12/2025	50	25.61	302.28
SP-32	327.89	3/26/2025	50	27.82	300.07
SP-32	327.89	5/7/2025	50	27.69	300.20
SP-32	327.89	8/20/2025	50	26.09	301.80
SP-32	327.89	10/1/2025	50	27.84	300.05
SP-32	327.89	11/11/2025	50	27.92	299.97
Ash Ponds					
PZ-02	318.92	2/12/2025	76.5	32.55	286.37
PZ-02	318.92	8/20/2025	76.5	33.05	285.87
PZ-03	323.19	2/12/2025	60	33.05	290.14
PZ-03	323.19	8/20/2025	60	33.45	289.74
AP-31	292.80	2/12/2025	24	11.36	281.44
AP-31	292.80	8/20/2025	24	11.79	281.01
AP-32	297.94	2/12/2025	35	18.50	279.44
AP-32	297.94	8/20/2025	35	18.82	279.12
AP-33	304.67	2/12/2025	42	25.01	279.66
AP-33	304.67	8/20/2025	42	25.56	279.11
AP-34	296.32	2/12/2025	40	17.88	278.44
AP-34	296.32	8/20/2025	40	18.45	277.87
AP-35	298.36	2/12/2025	43	18.27	280.09
AP-35	298.36	8/20/2025	43	18.78	279.58
AP-36	288.75	2/12/2025	41	9.90	278.85
AP-36	288.75	8/20/2025	41	10.40	278.35
MW-03	295.90	2/12/2025	40	15.50	280.40
MW-03	295.90	8/20/2025	40	16.07	279.83
PZ-05	302.77	2/12/2025	52	22.74	280.03
PZ-05	302.77	8/20/2025	52	23.32	279.45
PZ-06	297.42	2/12/2025	50	17.38	280.04
PZ-06	297.42	8/20/2025	50	17.91	279.51

TABLE 2
Groundwater Elevation Data - 2025

San Miguel Electric Cooperative, Inc.
 Christine, Atascosa County, Texas

Well ID	Top of Casing Elevation (ft amsl)	Date	Total Depth (ft btoc)	Depth to Water (SWL) (ft btoc)	Groundwater Elevation (ft amsl)
East Equalization Pond					
EP-31	316.70	2/12/2025	65	26.25	290.45
EP-31	316.70	8/20/2025	65	26.59	290.11
EP-32	277.44	2/12/2025	52.5	6.59	270.85
EP-32	277.44	8/20/2025	52.5	8.27	269.17
EP-33	278.00	2/12/2025	41	5.38	272.62
EP-33	278.00	8/20/2025	41	6.50	271.50
EP-34	278.71	2/12/2025	53.5	5.26	273.45
EP-34	278.71	8/20/2025	53.5	6.07	272.64
EP-35	279.86	2/12/2025	45	6.23	273.63
EP-35	279.86	8/20/2025	45	6.80	273.06
EP-36	278.50	2/12/2025	47	6.44	272.06
EP-36	278.50	8/20/2025	47	6.88	271.62
EP-37	277.80	2/12/2025	56	5.76	272.04
EP-37	277.80	8/20/2025	56	6.11	271.69
EP-38	279.35	2/12/2025	40	4.81	274.54
EP-38	279.35	8/20/2025	40	5.21	274.14
MW-04	278.58	2/12/2025	45	5.03	273.55
MW-04	278.58	8/20/2025	45	5.43	273.15
Groundwater Observation Wells					
MW-01	289.16	2/12/2025	50	12.37	276.79
MW-01	289.16	8/20/2025	50	10.39	278.77
MW-02	317.68	2/12/2025	62	34.11	283.57
MW-02	317.68	8/20/2025	62	34.67	283.01
PZ-04	303.21	2/12/2025	42	15.10	288.11
PZ-04	303.21	8/20/2025	42	15.77	287.44
PZ-07	281.99	2/12/2025	52	6.07	275.92
PZ-07	281.99	8/20/2025	52	6.48	275.51
SP-31	335.01	2/12/2025	62	35.18	299.83
SP-31	335.01	8/20/2025	62	34.78	300.23
SP-33	329.96	2/12/2025	39	21.89	308.07
SP-33	329.96	8/20/2025	39	22.42	307.54
SP-35	329.77	2/12/2025	45	26.67	303.10
SP-35	329.77	8/20/2025	45	27.43	302.34

Notes:

1. ft btoc = feet below top of casing; SWL = static water level; ft amsl = feet above mean sea level.

TABLE 3
Field Parameter Results - 2025

San Miguel Electric Cooperative, Inc.
 Christine, Atascosa County, Texas

Well ID	Sample Date	Temperature (°C)	pH (SU)	Specific Conductance (µS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
Ash Pile							
SP-34	2/12/2025	23.5	3.55	9980	298.6	2.6	7.1
SP-34	8/20/2025	31.6	3.06	10020	279.3	2.0	7.4
SP-01	2/12/2025	23.9	3.31	16540	297.6	2.7	12.1
SP-01	8/20/2025	28.7	2.90	17240	302.7	2.3	10.9
SP-02	2/12/2025	24.7	4.77	11390	200.7	2.8	6.9
SP-02	3/26/2025	26.7	5.31	11720	184.2	2.2	8.6
SP-02	8/20/2025	29.0	5.17	11240	209.7	2.5	9.7
SP-02	10/1/2025	26.3	5.28	5790	166.8	2.4	6.6
SP-02	11/11/2025	24.4	5.59	9020	248.1	2.8	2.6
SP-03	2/12/2025	23.8	3.62	17520	301.4	2.7	8.2
SP-03	3/26/2025	26.4	3.58	18340	283.4	2.3	6.9
SP-03	5/7/2025	26.3	4.55	14340	298.1	2.8	6.1
SP-03	8/20/2025	26.3	3.52	17740	243.7	2.2	9.5
SP-32	2/12/2025	20.7	3.72	13180	248.3	2.8	9.7
SP-32	3/26/2025	25.2	3.46	12980	274.9	2.4	8.4
SP-32	5/7/2025	23.5	3.42	10970	458.0	3.0	6.2
SP-32	8/20/2025	25.6	3.17	13510	280.3	2.3	11.4
SP-32	10/1/2025	25.2	3.36	7530	453.4	2.9	6.8
SP-32	11/11/2025	25.2	3.28	10650	472.2	3.4	4.7
Ash Ponds							
PZ-02	2/12/2025	22.5	5.57	16360	22.4	2.1	65.8
PZ-02	8/20/2025	28.2	5.68	10560	58.3	2.3	65.8
PZ-03	2/12/2025	24.1	3.10	14880	433.7	2.0	40.7
PZ-03	8/20/2025	26.1	3.01	21900	456.3	1.4	71.7
AP-31	2/12/2025	21.1	3.65	10900	405.6	3.6	9.2
AP-31	8/20/2025	25.9	3.67	12770	363.2	3.1	4.1
AP-32	2/12/2025	23.1	3.08	12090	400.3	5.6	7.5
AP-32	8/20/2025	25.8	3.38	14460	423.1	5.3	4.5
AP-33	2/12/2025	20.8	3.32	12810	430.6	2.7	11.1
AP-33	8/20/2025	25.1	3.28	14040	252.3	3.3	14.1
AP-34	2/12/2025	22.2	3.17	9750	418.3	2.9	5.9
AP-34	8/20/2025	26.3	3.14	10950	285.0	2.6	5.0
AP-35	2/12/2025	22.6	3.56	7790	245.2	1.9	3.0
AP-35	8/20/2025	27.4	3.52	10170	231.3	2.0	4.2
AP-36	2/12/2025	22.8	4.00	6070	245.7	1.2	9.8
AP-36	8/20/2025	27.4	4.04	9920	240.6	2.2	11.4
MW-03	2/12/2025	22.5	3.42	11410	394.3	4.4	8.6
MW-03	8/20/2025	25.4	3.54	13190	408.7	3.6	3.2
PZ-05	2/12/2025	21.7	3.40	9030	402.3	2.9	8.4
PZ-05	8/20/2025	26.0	3.33	10010	261.3	3.0	8.0
PZ-06	2/12/2025	20.7	5.50	6870	17.7	1.4	8.0
PZ-06	8/20/2025	27.7	5.15	9360	98.5	1.6	9.3

TABLE 3
Field Parameter Results - 2025

San Miguel Electric Cooperative, Inc.
 Christine, Atascosa County, Texas

Well ID	Sample Date	Temperature (°C)	pH (SU)	Specific Conductance (µS/cm)	Oxidation Reduction Potential (mV)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
East Equalization Pond							
EP-31	2/12/2025	19.8	3.34	5390	312.7	1.9	5.6
EP-31	8/20/2025	24.8	3.54	5080	327.9	1.1	3.9
EP-32	2/12/2025	19.5	6.89	11140	-76.0	3.3	7.9
EP-32	8/20/2025	25.7	6.63	14050	-54.4	2.3	2.6
EP-33	2/12/2025	21.1	6.50	10180	-32	1.6	6.0
EP-33	8/20/2025	26.1	6.50	9780	-14.9	1.8	4.4
EP-34	2/12/2025	21.8	6.73	14540	-58.7	2.4	7.0
EP-34	8/20/2025	26.8	6.73	14770	-46.9	2.4	3.7
EP-35	2/12/2025	21.8	6.24	13100	-7.7	2.0	11.6
EP-35	8/20/2025	25.6	6.26	13450	9.8	2.1	4.9
EP-36	2/12/2025	22.2	6.12	12300	-9.7	2.2	15.3
East Equalization Pond							
EP-36	8/20/2025	27.4	6.14	13300	12.6	2.5	20.7
EP-37	2/12/2025	23.6	6.30	11500	-20.9	2.3	9.6
EP-37	8/20/2025	28.4	6.31	10900	1.6	2.3	8.5
EP-38	2/12/2025	21.7	5.68	6990	25.2	2.6	16.0
EP-38	8/20/2025	28.2	5.61	6200	45.3	2.4	17.5
MW-04	2/12/2025	22.7	6.17	7500	76.4	2.4	60.3
MW-04	8/20/2025	26.6	6.12	6780	5.3	2.5	73.8

Notes:

1. °C = degrees celsius, SU = standard units, µS/cm = microsiemens per centimeter, mg/L = milligrams per liter;
 NTU = nephelometric turbidity unit.

TABLE 4A
Ash Pile Groundwater Analytical Results - 2025

San Miguel Electric Cooperative, Inc.
 Christine, Atascosa County, Texas

			Appendix III Constituents						
Analyte: Units:			pH (field) SU	Boron mg/L	Calcium mg/L	Chloride mg/L	Fluoride mg/L	Sulfate mg/L	TDS mg/L
Well ID	Sample Date	Type							
SP-34 (upgradient)	Background:		2.23 - 3.73	21	827	3380	<10	3900	9000
	02/12/2025	N	3.55	13	625	2100	<10.0	2700	7630
	08/20/2025	N	3.06	12.5	638	2090	2.64 J	2820	7040 JH
SP-01	Background:		2.07 - 5.52	11.3	694	3690	22	8530	16900
	02/12/2025	N	3.31	8.14	665	2980	15.2 J	6560	16000
	08/20/2025	N	2.90	8.76 J	490 J	3280 J	12.9 J	7370 J	13500 JH
SP-02	Background:		5.09 - 6.6	13.1	1420	5320	<10	2580	17100
	02/12/2025	N	4.77	12.7	910	2750 JH	<1.00	2120 JH	8120
	02/12/2025	Dup	-	14.4	812	2770 JH	<1.00	2120 JH	8080
	03/26/2025	N	5.31	12.9	-	-	-	-	-
	08/20/2025	N	5.17	14.5	828	2700	<1.00	2110	7210 JH
	08/20/2025	Dup	-	14.2	802	2700	<1.00	2100	7090 JH
	10/01/2025	N	5.28	13.8	-	-	-	-	-
	11/11/2025	N	5.59	11.1	-	-	-	-	-
SP-03	Background:		3.3 - 5.15	9	924	4810	<10	3730	13500
	02/12/2025	N	3.62	8.28	1040	4850 JH	1.83 JH	2610 JH	12400
	03/26/2025	N	3.58	-	819	5000	-	-	-
	05/07/2025	N	4.55	-	-	4750	-	-	-
	08/20/2025	N	3.52	8.70	847	4780	<1.00	2640	11300 JH
SP-32	Background:		2.81 - 3.94	11.1	510	1930	17.5	11800	18600
	02/12/2025	N	3.72	9.23	609	2420 JH	7.56 JH	6340 JH	12000
	03/26/2025	N	3.46	-	543	2290	-	-	-
	05/07/2025	N	3.42	-	580	2330	-	-	-
	08/20/2025	N	3.17	10.3 J	566 J	2370 J	6.40 J	5890 J	11900 JH
	10/01/2025	N	3.36	-	495	2340	-	-	-
	11/11/2025	N	3.28	-	-	2790	-	-	-

Notes:

1. This table includes semiannual detection monitoring (Appendix III) results from the upgradient and downgradient wells at the Ash Pile for the reporting year. See report text for details.
2. See *Background Comparison Value Update for Detection Monitoring at the Ash Pile CCR Unit* (GSI 2021) for development of background comparison values.
3. Bold text indicates a detection above the SDL.
4. Cells in orange indicate exceedances of background comparison values.
5. Fluoride is included in both Appendix III and Appendix IV analyte lists.
6. TDS = Total Dissolved Solids; mg/L = milligrams per liter; SU = standard units; SDL = sample detection limit; RL = reporting limit
7. N = normal sample; Dup = field duplicate; "<" = not detected at the SDL; J = analyte detected between the SDL and RL; JH = estimated result is biased high.
8. See Appendix A for cumulative results from all CCR groundwater monitoring network wells.

TABLE 4B
Ash Ponds Groundwater Analytical Results - 2025

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

			Appendix III Constituents							Appendix IV Constituents																
Analyte: Units: MCL: Background (Note 5): ASD Comparison Values (Note 6): GWPS (Note 7):			pH, field	Boron	Calcium	Chloride	Fluoride	Sulfate	Total Dissolved Solids	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium	
			SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L
			-	-	-	-	4	-	-	-	0.006	0.01	2	0.004	0.005	0.1	0.006	0.015	0.04	0.002	0.1	0.05	0.002	-	-	5
			3.43 - 4.09	15.01	908.6	4430	9.837	5630	15819	0.004	0.0868	0.0403	0.584	0.618	0.067	1.94	0.006	3.911	0.00008	0.006	0.528	0.02	3.567	4.991	8.558	
			4.33 - 7.72	21.19	1610	14000	67	6380	27000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			3.43 - 4.09	21.19	1610	14000	67	6380	27000	0.006	0.0868	2	0.584	0.618	0.1	1.94	0.015	3.911	0.002	0.1	0.528	0.02	n/a	n/a	8.558	
Well ID	Sample Date	Type																								
PZ-02 (upgradient)	2/12/2025	N	5.57	7.99	855	3910	<1	2850	13200	<0.0075	<0.0069	0.0323 J	<0.00271	<0.0024	<0.0056	0.0042 J	<0.00367	1.11	<0.0000706	<0.00255	<0.0059	<0.00415	0.64 JH	2.77 G	3.41	
	8/20/2025	N	5.68	8.56	639	3820	<1	2780	10500 JH	<0.00375	0.00357 J	0.0421	0.00153 J	<0.0012	0.00641 J	0.00653 J	0.0039 J	1.77	<0.0000706	<0.00128	<0.00295	<0.00208	<61.4	<60.7	ND	
PZ-03 (upgradient)	2/12/2025	N	3.10	11.3	885	6180	5.72	3650	15900	<0.0075	0.0662	0.0228 J	0.278	0.532	<0.0056	1.53	<0.00367	2.93	0.00228	<0.00255	0.573	0.00964 J	1.63 JH	5.43 G	7.06	
	8/20/2025	N	3.01	9.41	916	5790	4.04 J	3290	16200 JH	0.0147	0.0625	0.0257	0.259 F1	0.497	<0.0028	1.3	0.00184 J	1.76	0.00259	<0.00128	0.0268	0.011	<60.9	<40.8	ND	
AP-31	2/12/2025	N	3.65	71.6	667	2550	1 J	2840	8290	<0.0075	0.0132 J	<0.0134	0.0135 J	0.00583 J	<0.0056	0.272	<0.00367	1.13	0.000307	<0.00255	0.12	<0.00415	-	2.31	2.31	
	8/20/2025	N	3.67	69.3	662	2460	<1	2700	8250 JH	<0.00375	0.0122 J	0.0152 J	0.0125	0.00506 J	<0.0028	0.242	<0.00184	0.615	0.00045	<0.00128	0.0166	0.00254 J	42.2 JH	<51.8	42.2	
AP-32	2/12/2025	N	3.08	22.5	647	2920	2.18 J	3380	9540	<0.0075	0.0481	0.02 J	0.0652	0.0737	<0.0056	0.593	<0.00367	1.67	0.00096	<0.00255	0.538	<0.00415	-	10.7	10.7	
	8/20/2025	N	3.38	29.7	645	2740	1.18 J	3510	9430 JH	<0.00375	0.0444	0.0161 J	0.0635	0.0765	<0.0028	0.553	<0.00184	1.62	0.0016	<0.00128	0.00401 J	0.00463 J	58.9 JH	<50.8	58.9	
AP-33	2/12/2025	N	3.32	50.2	680	3880	6.31	3380	11700	<0.00375	0.0594	0.0188 J	0.298	0.0818	<0.0028	1.09	<0.00184	0.296	0.00367	<0.00128	0.571	0.0053 J	0.42 JH	6.79	7.21	
	8/20/2025	N	3.28	60.6	674	3740	4.93 J	3460	10700 JH	<0.00375	0.0642	0.0174 J	0.275	0.0782	<0.0028	1.02	<0.00184	1.26	0.00401	<0.00128	0.00434 J	0.0052 J	<78.1	<68.1	ND	
AP-34	2/12/2025	N	3.17	20.7	724	2990	8.15	3300	9790	<0.0075	0.0556	0.0158 J	0.274	0.0174 J	<0.0056	1.17	<0.00367	0.789	0.00302	<0.00255	0.671	<0.00415	<0.37	3.63	3.63	
	8/20/2025	N	3.14	22.6	707	2830	6.62	3380	9440 JH	<0.00375	0.0525	0.0153 J	0.276	0.0168	0.0036 J	0.994	<0.00184	1	0.00396	<0.00128	<0.00295	<0.00208	<51.8	<48.5	ND	
AP-35	2/12/2025	N	3.56	5.24	553	2590	11.5	3390	9020	<0.0075	0.018 J	0.0199 J	0.285	<0.0024	<0.0056	0.0177 J	<0.00367	1.02	0.000253	<0.00255	0.244	<0.00415	2.78 JH	13.6	16.38	
	8/20/2025	N	3.52	4.82	619	2300	9.79	3300	8840 JH	<0.00375	0.0203	0.0213	0.287	<0.0012	<0.0028	0.0168	<0.00184	1.13	0.000255	<0.00128	<0.00295	0.00375 J	<54.6	<37.4	ND	
AP-36	2/12/2025	N	4.00	2.54	656	1770	1.1 J	2920	6510	<0.0075	0.00691 J	0.0176 J	0.0118 J	<0.0024	<0.0056	0.0649	<0.00367	0.534	<0.0000706	<0.00255	0.0537	<0.00415	<0.33	2.59	2.59	
	8/20/2025	N	4.04	2.43	609	1500	<1	2850	5550 JH	<0.00375	0.00479 J	0.0178 J	0.00887 J	<0.0012	<0.0028	0.0551	<0.00184	0.946	<0.0000706	<0.00128	<0.00295	<0.00208	29.8 JH	<47.6	29.8	
MW-03	2/12/2025	N	3.42	10.3	531	2340	1.65 J	4440	9380	<0.00375	0.0146	0.0125 J	0.0255	0.0429	0.0183 J	0.304	<0.00184	1.32	<0.0000706	<0.00128	0.169	<0.00208	0.9 JH	4.55	5.45	
	2/12/2025	Dup	-	12.5	476	2050	1.41 J	3980	8370	<0.0075	0.0181 J	<0.0134	0.0236	0.0436	0.0163 J	0.302	<0.00367	1.4	<0.0000706	<0.00255	0.163	<0.00415	0.47 JH	4.63	5.1	
	8/20/2025	N	3.54	8.38 J	535	2000	<1	3970	9280 JH	<0.00375	0.0168 J	0.00943 J	0.0182 J	0.0319 J	0.0277 J	0.223 J	<0.00184	1.85	<0.0000706	<0.00128	<0.00295	<0.00208	<56.1	<55.1	ND	
	8/20/2025	Dup	-	14.2 J	561	1860	<1	4040	8500 JH	<0.00375	0.0248	0.0107 J	0.0286 J	0.0484 J	0.0192 J	0.354 J	<0.00184	1.64	<0.0000706	<0.00128	0.00365 J	<0.00208	72.4 JH	<40.7	72.4	
PZ-05	2/12/2025	N	3.40	26.4	569	2470	4.36 J	3120	8610	<0.0075	0.0404	<0.0134	0.208	0.0632	<0.0056	0.936	<0.00367	0.361	0.000139 J	<0.00255	0.478	<0.00415	0.46 JH	2.93	3.39	
	8/20/2025	N	3.33	30.5	619	2280	2.86 J	3140	8250 JH	<0.00375	0.0499	0.0133 J	0.232	0.0554	<0.0028	0.839	<0.00184	0.689	0.000136 J	<0.00128	<0.00295	0.0026 J	40.5 JH	<51.8	40.5	
PZ-06	2/12/2025	N	5.50	3.28 J	634	2440	1.01 J	2970	7800	<0.00375	<0.00069	0.0237	0.00676 J	<0.0012	<0.0028	0.00642 J	<0.00184	0.596	<0.0000706	<0.00128	0.0035 J	<0.00208	0.74 JH	3.45	4.19	
	8/20/2025	N	5.15	3.28	690	2070	<1	2760	7370 JH	<0.00375	<0.00345	0.022	0.00792 J	<0.0012	<0.0028	0.00684 J	<0.00184	1.16	<0.0000706	<0.00128	<0.00295	<0.00208	58.8 JH	<44.8	58.8	

- Notes:
1. This table includes semiannual assessment/corrective action monitoring (Appendix III and IV) results from the upgradient and downgradient wells at the Ash Ponds, for the reporting year. See report text for details.
 2. Fluoride is included in both Appendix III and Appendix IV analyte lists.
 3. TDS = Total Dissolved Solids; mg/L = milligrams per liter; pCi/L = picocuries per liter; SU = standard units; SDL = sample detection limit; RL = reporting limit.
 4. N = normal sample; Dup = field duplicate; "<" = not detected at the SDL; J = analyte detected between the SDL and RL. Bias codes: JL = estimated result is biased low; JH = estimated result is biased high.
 5. Background based on Zephyr 2018 (UTL), and Power 2019 "Groundwater Statistics Report for RY 2018", Table 3.
 6. Values from PBW 2018 ASD Report (maximum value from historic Unit 22 monitoring).
 7. GWPS is the higher of the MCL or background, and takes ASDs into consideration. GWPS for pH is considered the range of background values. Shaded cells indicate results that greater than the GWPS, or in the case of pH, outside the background range.
 8. Bold text indicates a detection above the SDL.
 9. See Appendix A for cumulative results from all CCR groundwater monitoring network wells.

TABLE 4C
East Equalization Pond Groundwater Analytical Results - 2025

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units: MCL: Background (Note 5): ASD Comparison Values (Note 6): GWPS (Note 7):			Appendix III Constituents							Appendix IV Constituents															
			pH (field)	Boron	Calcium	Chloride	Fluoride	Sulfate	Total Dissolved Soilds	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium
			SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L
			-	-	-	-	4	-	-	0.006	0.01	2	0.004	0.005	0.1	0.006	0.015	0.04	0.002	0.1	0.05	0.002	-	-	5
			2.78-6.11	4.829	493.2	282.5	4.839	3982	8114	0.004	0.0222	0.0182	0.148	0.0291	0.002	0.146	0.0015	1.111	0.00008	0.006	0.103	0.00157	0.738	2.346	3.084
			4.33 - 7.72	21.19	1610	14000	67	6380	27000	-	-	-	-	-	-	-	See Note 6	-	-	-	-	-	-	-	
			2.78-6.11	21.19	1610	14000	67	6380	27000	0.006	0.0222	2	0.148	0.0291	0.1	0.146	0.015	3.68	0.002	0.1	0.103	0.002	n/a	n/a	5
Well ID	Sample Date	Type																							
EP-31	2/12/2025	N	3.34	5.59	452	126	1.98	3310	4880	<0.0075	0.0168 J	<0.0134	0.0726	0.0146 J	<0.0056	0.102	<0.00367	0.88	<0.0000706	<0.00255	0.125	<0.00415	<0.29	<0.658	ND
	8/20/2025	N	3.54	4.95	441	121	2.07	3020	4740	0.0156	0.0174 J	<0.00671	0.0656	0.0134	<0.0028	0.0976	<0.00184	0.588	<0.0000706	0.00137 J	0.00412 J	<0.00208	80.6 JH	<66.4	80.6
EP-32	2/12/2025	N	6.89	16.7	397	1960	<10	4170	10300	<0.0075	<0.0069	<0.0134	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	1.54	<0.0000706	0.00543 J	<0.0059	<0.00415	1.29	5	6.29
	8/20/2025	N	6.63	15.2	426	2410	<1	4330	10400	<0.00375	<0.00345	0.0134 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.88	<0.0000706	0.00473 J	<0.00295	<0.00208	183 JH	<60.7	183
EP-33	2/12/2025	N	6.50	62.6	424	2050	<10	3080	9020	<0.0075	<0.0069	<0.0134	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	0.979	<0.0000706	0.0138 J	<0.0059	<0.00415	0.53	2.28	2.81
	2/12/2025	Dup	-	62.1	423	2030	<10	3040	9050	<0.0075	<0.0069	<0.0134	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	0.968	<0.0000706	0.0134 J	<0.059	<0.00415	0.8	2.06	2.86
	8/20/2025	N	6.50	43.8	378	1810	<1	3260	7050	<0.00375	<0.00345	0.0113 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.385	<0.0000706	0.00744 J	<0.00295	<0.00208	84 JH	<40.8	84
	8/20/2025	Dup	-	52.7	391	1770	<1	3200	7970	<0.00375	<0.00345	0.0104 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.396	<0.0000706	0.00786 J	<0.00295	<0.00208	24.6 JH	<50.8	24.6
EP-34	2/12/2025	N	6.73	41.3	468	3740	<10	2810	11100	<0.0075	<0.0069	0.0155 J	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	1.48	<0.0000706	0.00441 J	<0.0059	<0.00415	1.35	7.55	8.9
	8/20/2025	N	6.73	24.9	461	4020	<1	3220	10500	<0.00375	<0.00345	0.0152 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.817	<0.0000706	0.00256 J	<0.00295	<0.00208	<42.6	<90.5	ND
EP-35	2/12/2025	N	6.24	36.1	429	3300	<10	2980	11000	<0.0075	<0.0069	0.0188 J	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	1.5	<0.0000706	<0.00255	<0.0059	<0.00415	0.71	1.89	2.6
	8/20/2025	N	6.26	38.0	384	3770	<1	2920	11400	<0.00375	<0.00345	0.0182 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.811	<0.0000706	<0.00128	<0.00295	<0.00208	52.7 JH	<55.8	52.7
EP-36	2/12/2025	N	6.12	42.4	509	3260	<10	2130	9440	<0.0075	<0.0069	0.0218 J	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	1.56	<0.0000706	<0.00255	<0.0059	<0.00415	0.96	3.93	4.89
	8/20/2025	N	6.14	44.7	473	3530	<1	2420	9120	<0.00375	<0.00345	0.0236	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.797	<0.0000706	<0.00128	<0.00295	<0.00208	90.1 JH	<61.7	90.1
EP-37	2/12/2025	N	6.30	10.9	375	2670	<10	2440	8830	<0.0075	<0.0069	0.0179 J	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	1.59	<0.0000706	<0.00255	<0.0059	<0.00415	0.53	4.63	5.16
	8/20/2025	N	6.31	9.16	370	2900	<1	2740	8340	<0.00375	<0.00345	0.0149 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.952	<0.0000706	<0.00128	<0.00295	<0.00208	135 JH	<65.5	135
EP-38	2/12/2025	N	5.68	3.04	447	1230	<10	2090	5860	<0.0075	<0.0069	0.0149 J	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	1.08	<0.0000706	<0.00255	<0.059	<0.00415	<0.41	2.2	2.2
	8/20/2025	N	5.61	2.85	411	1200	<1	2480	5230	<0.00375	<0.00345	0.0137 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.459	<0.0000706	<0.00128	<0.00295	<0.00208	106 JH	<44.1	106
MW-04	2/12/2025	N	6.17	12.5	270	1430	<10	1940	5790	<0.0075	<0.0069	<0.0134	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	0.964	<0.0000706	0.00286 J	<0.059	<0.00415	0.66	2.07	2.73
	8/20/2025	N	6.12	11.5	270	1570	<1	2320	6270	<0.00375	<0.00345	0.0114 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.521	<0.0000706	0.00221 J	<0.00295	<0.00208	30.4 JH	<55	30.4

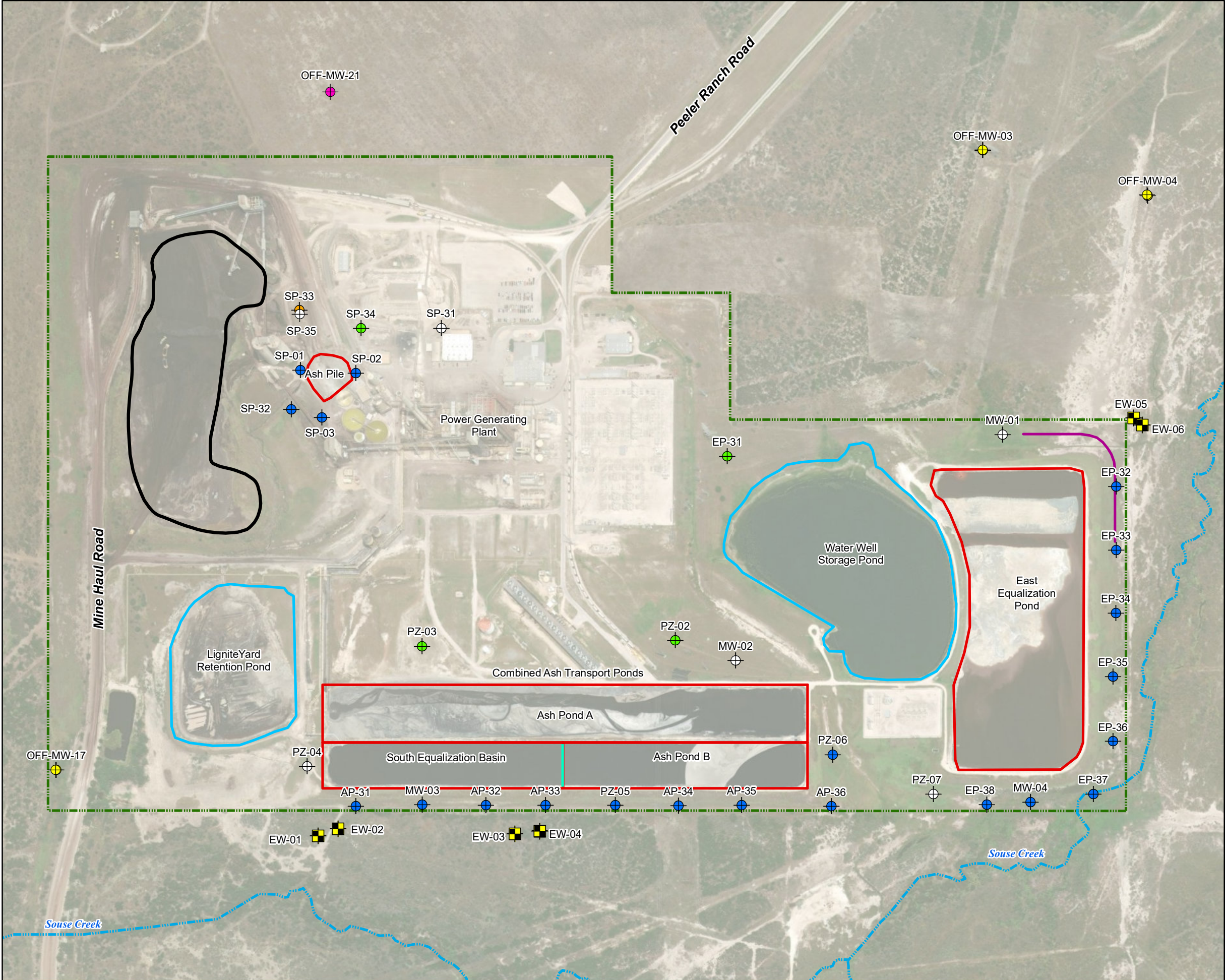
- Notes:
1. This table includes semiannual assessment/corrective action monitoring (Appendix III and IV) results from the upgradient and downgradient wells at the East Equalization Pond (EEP), for the reporting year. The EEP was closed in 2022. See report text for details.
 2. Fluoride is included in both Appendix III and Appendix IV analyte lists.
 3. TDS = Total Dissolved Solids; mg/L = milligrams per liter; SU = standard units; SDL = sample detection limit; RL = reporting limit.
 4. N = normal sample; Dup = field duplicate; "<" = not detected at the SDL; J = analyte detected between the SDL and RL. Bias codes: JL = estimated result is biased low; JH = estimated result is biased high.
 5. Background based on Zephyr 2018 (UTL), and Power 2019 "Groundwater Statistics Report for RY 2018", Table 2.
 6. Appendix III values from PBW 2018 ASD Report (maximum value from historic Unit 22 monitoring). For lithium, see discussion of background levels in GSI 2019 ASD Report (value of 3.68 mg/L based on maximum result from PZ-03).
 7. GWPS is the higher of the MCL or background, and takes ASDs into consideration. GWPS for pH is considered the range of background values. Shaded cells indicate results that greater than the GWPS, or in the case of pH, outside the background range.
 8. Bold text indicates a detection above the SDL.
 9. See Appendix A for cumulative results from all CCR groundwater monitoring network wells.

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Figures

- Figure 1 Site Map
- Figure 2 Unit 22 Potentiometric Surface Map - February 2025
- Figure 3 Unit 22 Potentiometric Surface Map - August 2025

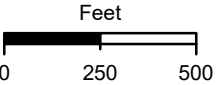


LEGEND

- Location of Groundwater Extraction Well
- Off-Site Unit 22 Assessment Monitoring Well
- Off-Site Deeper Sand Monitoring Well
- Upgradient Coal Combustion Residual (CCR) Monitoring Well
- Downgradient CCR Monitoring Well
- Unit 22 Groundwater Elevation Observation Well
- Shallower Sand Monitoring Well
- Approximate Plant Property Boundary
- Regulated CCR Impoundment or Landfill
- Non-CCR Impoundment
- Lignite Storage Pile
- Interim Interceptor Trench

Notes

1) Aerial imagery provided by Esri ArcGIS Online, July 2018.



Projected Coordinate System
Datum: NAD 83
State Plane Texas South Central
Units: Feet

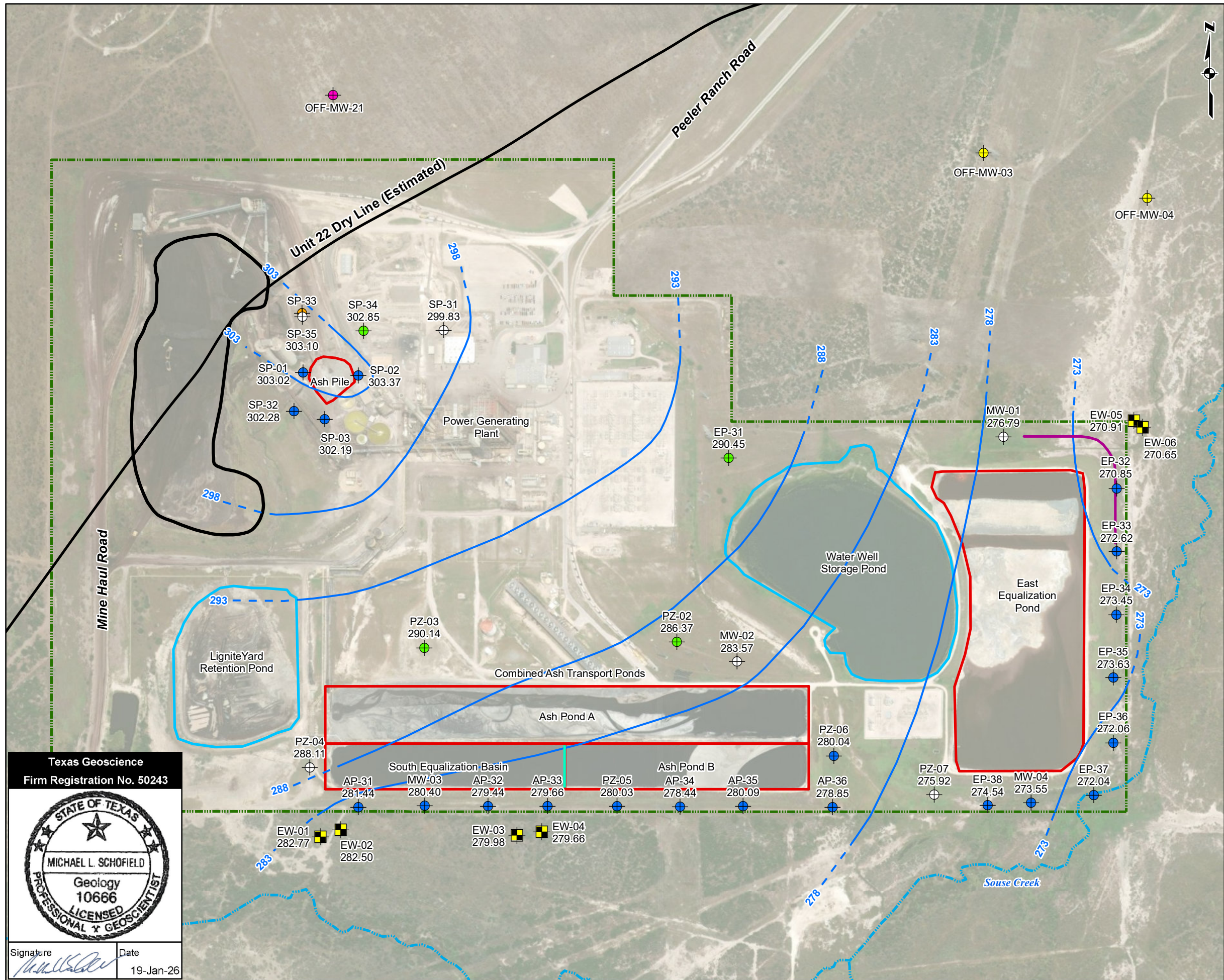


SITE MAP

San Miguel Electric Cooperative, Inc. Plant
Atascosa County, Texas

GSI Job No.	5076	Drawn By:	DM
Issued:	21-Jan-2026	Chk'd By:	ARD
Map ID:	SMEC_GWMRSiteMap	App'd By:	SDR

FIGURE 1



LEGEND

- Location of Groundwater Extraction Well
- Off-Site Unit 22 Assessment Monitoring Well
- Off-Site Deeper Sand Monitoring Well
- Upgradient Coal Combustion Residual (CCR) Monitoring Well
- Downgradient CCR Monitoring Well
- Unit 22 Groundwater Elevation Observation Well
- Shallower Sand Monitoring Well
- Approximate Plant Property Boundary
- Regulated CCR Impoundment or Landfill
- Non-CCR Impoundment
- Lignite Storage Pile
- Interim Interceptor Trench
- 259.31 Groundwater Elevation (ft amsl)
- Groundwater Potentiometric Surface, dashed where inferred
- Unit 22 Dry Boundary (wells NW of this line are interpreted to be screened in the Deeper Sand)

Notes

- Groundwater elevations from on-site wells are calculated using top of casing elevations reported in "Groundwater Sampling Report - Event 8 - August 2017" (AECOM, 2017). All on-site depth to water measurements were collected by Hydrologic Monitoring Inc. on February 12, 2025.
- The off-site monitoring wells are shown for reference only. These wells are not included in the CCR semi-annual groundwater monitoring program.
- ft amsl = feet above mean sea level.
- Groundwater extraction wells were installed by GSI Environmental Inc., August 8-20, 2020.
- Aerial imagery provided by Esri ArcGIS Online, July 2018.

Feet

0 250 500

Projected Coordinate System
Datum: NAD 83
State Plane Texas South Central
Units: Feet

UNIT 22 POTENTIOMETRIC SURFACE MAP - FEBRUARY 2025

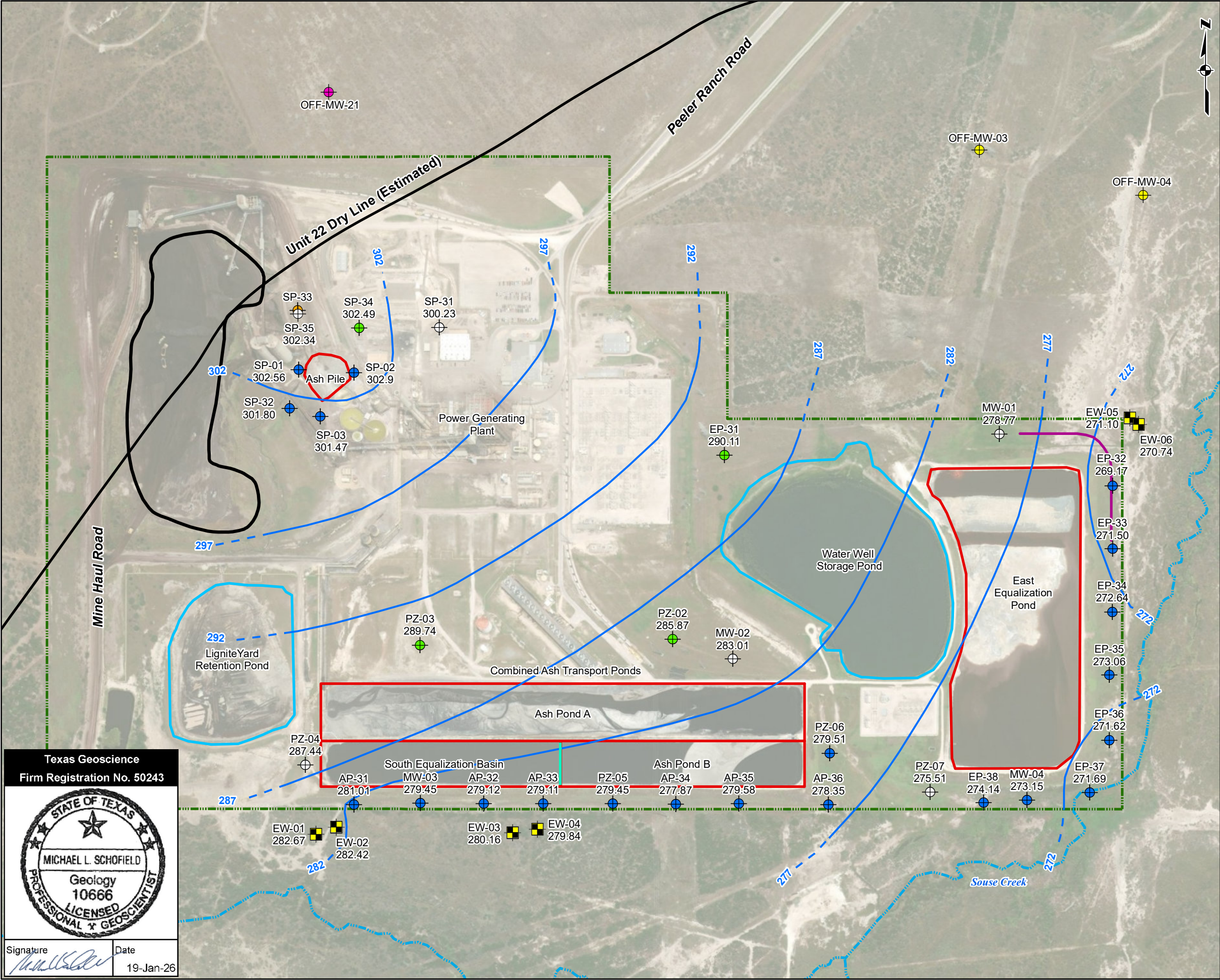
San Miguel Electric Cooperative, Inc. Plant
Atascosa County, Texas

GSI Job No.	5076-109	Drawn By:	DM
Issued:	21-Jan-2026	Chk'd By:	KG
Map ID:	SMEC_GWE_0126_Fig2	App'd By:	MLS

FIGURE 2

Texas Geoscience
Firm Registration No. 50243

Signature: *[Signature]*
Date: 19-Jan-26

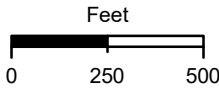


LEGEND

- Location of Groundwater Extraction Well
- Off-Site Unit 22 Assessment Monitoring Well
- Off-Site Deeper Sand Monitoring Well
- Upgradient Coal Combustion Residual (CCR) Monitoring Well
- Downgradient CCR Monitoring Well
- Unit 22 Groundwater Elevation Observation Well
- Shallower Sand Monitoring Well
- Approximate Plant Property Boundary
- Regulated CCR Impoundment or Landfill
- Non-CCR Impoundment
- Lignite Storage Pile
- Interim Interceptor Trench
- 259.31 Groundwater Elevation (ft amsl)
- Groundwater Potentiometric Surface, dashed where inferred
- Unit 22 Dry Boundary (wells NW of this line are interpreted to be screened in the Deeper Sand)

Notes

- Groundwater elevations from on-site wells are calculated using top of casing elevations reported in "Groundwater Sampling Report - Event 8 - August 2017" (AECOM, 2017). All on-site depth to water measurements were collected by GSI Environmental Inc. on August 20, 2025.
- The off-site monitoring wells are shown for reference only. These wells are not included in the CCR semi-annual ground water monitoring program.
- ft amsl = feet above mean sea level.
- Groundwater extraction wells were installed by GSI Environmental Inc. August 8-20, 2020.
- Aerial imagery provided by Esri Arc GIS Online, July 2018.



Projected Coordinate System
Datum: NAD 83
State Plane Texas South Central
Units: Feet



**UNIT 22 POTENTIOMETRIC SURFACE
MAP - AUGUST 2025**

San Miguel Electric Cooperative, Inc. Plant
Atascosa County, Texas

GSI Job No.	5076-109	Drawn By:	DM
Issued:	21-Jan-2026	Chk'd By:	KG
Map ID:	SMEC_GWE_0126_Fig3	App'd By:	MLS

FIGURE 3

Texas Geoscience
Firm Registration No. 50243

MICHAEL L. SCHOFIELD
Geology
10666
PROFESSIONAL & GEOSCIENTIST

Signature:

Date: 19-Jan-26

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Appendices

Appendix A Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

Appendix B Data Usability Summaries and Laboratory Analytical Reports

Appendix B.1 Data Usability Summaries – February 2025

Appendix B.2 Data Usability Summaries – August 2025

Appendix B.3 Laboratory NELAP Accreditation

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Appendix A. Cumulative Groundwater Analytical Results for CCR

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents																
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium	
					SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L	
Area	Well ID	Well Type	Sample Date	Type	3.6	12	715	2370	4.57	3070	8420	<0.004	0.0139 J	0.0535	0.164	0.161	0.0045 J	0.558	0.0089 J	1.17	<0.00004	0.0068 J	0.109	0.0127 J	1.03 ± 0.37	2.97 ± 0.87	4	
Ash Pile	SP-34	Upgradient	10/26/2016	N	3.53	12.3	636	2300	<0.1	2790	8500	0.000948 J	0.0228	0.0337	<0.1	0.162	0.0022 J	0.592	0.00718	1.07 J-	<0.00008	0.00426 J	0.17	0.0178	0.715 ± 0.204	5.16 ± 0.515	5.88	
Ash Pile	SP-34	Upgradient	2/14/2017	N	2.23	11.9 J	670	2350	2.55	2730	8040	<0.0008	0.0234	0.0228	0.164	0.181	0.00306 J	0.648	0.00732	1.22	<0.00008	<0.002	0.216	0.0195	1.39 ± 0.57	6.46 ± 0.584	7.85	
Ash Pile	SP-34	Upgradient	3/21/2017	N	3.09	12 J	602	1780	2.34	2690 J-	8080	<0.0008	0.0295	0.0335	0.119 J	0.171	0.00435 J	0.572	0.00827	0.966	<0.00008	<0.002	0.191 J	0.0197	0.796 ± 0.534 U	6.70 ± 0.624	7.5	
Ash Pile	SP-34	Upgradient	5/10/2017	N	3.41	13.6 J	672	2140	<0.1	2560	8820	<0.0008	0.018	0.0168	0.148	0.189	0.00353 J	0.619	0.00427	1.29	<0.00008	<0.002	0.161	0.0187	1.33 ± 0.378	7.19 ± 0.543	8.52	
Ash Pile	SP-34	Upgradient	6/13/2017	N	3.23	12.4	647	2370	<0.5 J	2860	7980	<0.0008	0.0177	0.0182	0.142	0.19	0.00452 J	0.649	0.00574	1.27	<0.00008	<0.002	0.176	0.0176	6.41 ± 0.694	7.00 ± 0.641	13.4	
Ash Pile	SP-34	Upgradient	7/25/2017	N	3.34	21 J	758	2370	1.37 J	3900	8820	<0.0008	0.0238 J	0.0155	0.157	0.203	0.00627	0.602 J	0.00353	1.26	<0.00008	<0.002	0.21 J	0.0201	1.53 ± 0.449	7.84 ± 0.655	9.37	
Ash Pile	SP-34	Upgradient	8/22/2017	N	3.26	10.5 J	656	2320	1.09 J	2880	8080	<0.0008	0.0343	0.0169	0.132 J	0.185	0.00604	0.605	0.0054	1.07	<0.00008	<0.002	0.203 J	0.0194	1.82 ± 0.520	6.33 ± 0.466	8.15	
Ash Pile	SP-34	Upgradient	3/21/2018	N	3.03	12.1	691	2050 J+	<10	2910	7880	<0.01	0.0323	0.0211	0.172	0.195	-	0.682	<0.01	1.21	<0.0002 J	<0.025	0.244	0.0187	0.65 ± 0.31	6.1 ± 1.6	6.75	
Ash Pile	SP-34	Upgradient	6/7/2018	N	3.2	12.9	651	2350	1.09	3210	7960	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	9/6/2018	N	2.67	11.2	711	2120	4.98	2770	8420	<0.01	0.0139	<0.02	0.171	0.197	<0.02	0.702	<0.01	1.38	0.000262 J-	<0.025	0.122	0.0187	-	-	-	
Ash Pile	SP-34	Upgradient	2/19/2019	N	3.56	14.4	758	2330	5.12	2690	8240	0.000789 J	0.016	0.02	0.146 JL	0.25	0.0087	0.772	0.00821	1.22	<0.00003	<0.00049	0.129	0.0231	0.87 ± 0.4 J	9.6 ± 2.3	10.47 ± 2.7 J	
Ash Pile	SP-34	Upgradient	8/19/2019	N	2.93	9.43	804	3380	4.04	2670	9000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	2/25/2020	N	3.08	8.85	770	3340	3.4	2600	8740	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	7/30/2020	N	-	10.8	825	2780	1.94 J	2400	8200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	7/30/2020	Dup	-	10.6	822	2860	1.74 J	2450	8340	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	8/4/2020	N	2.91	10.3	827	2750	2.74	2610	8260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	2/24/2021	N	3.39	11.2	751	2730	3.99	2610	8300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	8/18/2021	N	2.07	10.4	812	2810	5.18 JH	2490	6430	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	10/7/2021	N	2.98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	2/8/2022	N	2.71	10.7	812 J	3000	6.39	2930 B	9390	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	3/17/2022	N	2.73	-	-	-	-	-	11200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	4/20/2022	N	3.26	-	-	-	-	-	8080	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	9/28/2022	N	3.15	10	874	2910 B	5.3	2830	7260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	11/2/2022	N	3.13	-	814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	2/21/2023	N	3.15	10.6	804	3170	<10	5590	9400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	5/5/2023	N	-	-	-	-	-	2740	8960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	9/6/2023	N	3.01	9.81	794	3190	5.74	3130	9880	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	11/27/2023	N	-	-	-	-	-	-	8980	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	2/7/2024	N	2.6	12	842	2810	<20	2530	9700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	3/12/2024	N	-	-	864	-	-	-	8890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	5/2/2024	N	3.32	-	821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	7/9/2024	N	3.27	9.97	720	2750	4.24	2780	8610	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	8/14/2024	N	3.88	13.3	771	2250	<10	2540 F1	8130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-34	Upgradient	2/12/2025																									

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents																
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium	
					SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L	
Area	Well ID	Well Type	Sample Date	Type																								
Ash Pile	SP-02	Downgradient	2/20/2019	N	5.68	13.1	1180	4390	<0.5	1790	12300	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/20/2019	Dup	-	10.9	1170	4140	<0.5	1700	12000	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/20/2019	N	5.44	9.92	1060	4430	<0.5	1880	12200	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/25/2020	N	5.58	10.7	986	4220	<0.5	1710	9600	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	7/31/2020	N	-	10.6	1100	4060	<0.5	1830	9600	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/20/2020	N	6.6	10.5	1140	4010	<0.5	1770	9160	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/25/2021	N	6.46	10.5	1060	3830	<0.5	1810	9040	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/18/2021	N	4.66	10.5	1060	3750	<5	1840	8740	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/18/2021	Dup	-	10.4	1070	3770	<5	1830	8930	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	10/7/2021	N	5.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/8/2022	N	5.09	10.7	1010 J	3590	<1	2030 B	6660	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/8/2022	Dup	-	11 B	2730 J	3500	<1	1980 B	7250	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	3/17/2022	N	-	-	1210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	9/28/2022	N	5.64	9.16	923	3210 B	<1	2000 B	8380	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	9/28/2022	Dup	-	9.2	952	3220 B	<0.1	2000 B	7920	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/21/2023	N	5.14	10.9	911	3030	<10	1980 J	8840	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/21/2023	Dup	-	12.9	964	3040	10.2 J	7020 J	8670	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	5/5/2023	N	-	-	-	-	2.72	2160	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	9/6/2023	N	5.39	11.9	944	2520	<1.00	1800	8930	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	9/6/2023	Dup	-	11.7	855	2610	<1.00	1860	9090	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/7/2024	N	4.32	12.9	950	4060	<40	2630 J	8470	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/7/2024	Dup	4.32	13.5	965	3040	<10	1890 J	8930	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	3/12/2024	N	-	-	-	-	-	1840	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/14/2024	N	4.8	13.7	867	2800	<1	2100	8120	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/14/2024	Dup	4.8	13.5	904	2860	<1	2130	7900	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	10/10/2024	N	5.15	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	12/2/2024	N	-	12.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/12/2025	N	-	12.7	910	2750 JH	<1	2120 JH	8120	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	2/12/2025	Dup	-	14.4	812	2770 JH	<1	2120 JH	8080	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	3/26/2025	N	-	12.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/20/2025	N	-	14.5	828	2700	<1	2110	7210 JH	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	8/20/2025	Dup	-	14.2	802	2700	<1	2100	7090 JH	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	10/1/2025	N	-	13.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-02	Downgradient	11/11/2025	N	-	11.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Ash Pile	SP-03	Downgradient	5/26/2016	N	3.81	7.66	815	4260	1.09	2870	11500	<0.004	0.00481 J	0.031 J	0.0544	0.0589	0.0161 J	0.166	<0.006	1.94	<0.00004	<0.006	0.0335 J	0.00552 J	1.37 ± 0.41	8 ± 1.9	9.37	
Ash Pile	SP-03	Downgradient	8/17/2016	N	5.15	7.12	693	4230	0.975 J	3040	13500	<0.002	<0.002	0.0252	0.0446	0.0479	<0.002	0.151	<0.003	1.73	<0.00004	<0.003	0.0357	0.00529 J	1.13 ± 0.35	7 ± 1.7	8.13	
Ash Pile	SP-03	Downgradient	10/26/2016	N	4.65	7.54	826	3240	0.552 J	3010	9620	<0.004	<0.004	0.0269 J	0.0274	0.0324	<0.004	0.0952	<0.006	1.69	<0.00004	<0.006	0.0261 J	0.00554 J	0.8 ± 0.3	7.3 ± 1.8	8.1	
Ash Pile	SP-03	Downgradient	1/11/2017	N	3.9	7.1	751	4230	<0.1	2750	11500	<0.0008	0.00584	0.0266	0.0402	0.0506	0.00214 J	0.171	0.000807 J	1.47 J-	<0.00008	<0.002	0.0595	0.00632	1.33 ± 0.491	7.28 ± 0.519	8.61	
Ash Pile	SP-03	Downgradient	2/14/2017	N	3.3	6.41 J	732	4050	1.16 J	2610	10800	<0.0008	0.00502	0.0246	0.0381	0.0487	0.00224 J	0.163	0.000412 J	1.56	<0.00008	<0.002	0.0668	0.00627	1.04 ± 0.472	7.95 ± 0.578	8.99	
Ash Pile	SP-03	Downgradient	3/21/2017	N	3.53	6.36 J	694	4110	0.																			

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents																
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium	
					SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L	
Area	Well ID	Well Type	Sample Date	Type																								
Ash Pile	SP-32	Downgradient	2/14/2017	N	3.1	8.69 J	432	1620	4.08	9710	15900	<0.0008	0.0668	0.0167	0.394	0.401	0.043	3.62	0.00268	3.47	<0.00008	<0.002	0.527	0.0159	1.29 ± 0.449	1.54 ± 0.536	2.83	
Ash Pile	SP-32	Downgradient	3/21/2017	N	3.15	8.18 J	393	1630	13.2	10700 J-	15900	<0.0008	0.0882	0.0139	0.311 J	0.364	0.0316	3.28	0.00204 J+	3.41	<0.00008	<0.002	0.404 J	0.0168	0.258 ± 0.161 U	1.18 ± 0.491	1.44	
Ash Pile	SP-32	Downgradient	5/10/2017	N	3.55	9 J	434	1590	9.97	9550	16600	<0.0008	0.0626	0.0126	0.432	0.411	0.024	3.19	0.00177	3.73	<0.00008	<0.002	0.411	0.0155	0.860 ± 0.295	2.69 ± 0.555 J	3.55 J	
Ash Pile	SP-32	Downgradient	5/10/2017	Dup	-	9.02 J	438	1540	10.3	9360	17000	<0.0008	0.0632	0.0128	0.435	0.419	0.0227	3.21	0.00186	3.66	<0.00008	<0.002	0.411	0.016	1.44 ± 0.489	4.20 ± 0.503 J	5.64 J	
Ash Pile	SP-32	Downgradient	6/13/2017	N	3.49	9.07	437	1720	6.55 J-	9710	17400	<0.0008	0.0897	0.0125	0.459	0.417	0.0278	3.03	<0.0003	3.63	<0.00008	<0.002	0.601	0.016	0.438 ± 0.191	3.95 ± 0.494	4.39	
Ash Pile	SP-32	Downgradient	7/25/2017	N	3.49	8.28 J	501	1750	<0.5 J	11800	16300	<0.0008	0.102 J	0.0128	0.44	0.43	0.0207	1.99 J	0.00148	3.77	<0.00008	<0.002	0.753 J	0.0166	0.430 ± 0.280	4.53 ± 0.497 U	4.96	
Ash Pile	SP-32	Downgradient	8/22/2017	N	3.35	7.57 J	429	1640	<0.5	10100	16500	<0.0008	0.101	0.012	0.319 J	0.372	0.0194	2.1 J	0.00106	2.54	<0.00008	<0.002	0.467 J	0.0157	0.302 ± 0.356	3.46 ± 0.519 J	3.76	
Ash Pile	SP-32	Downgradient	8/22/2017	Dup	-	7.6 J	434	1640	<0.5	10100	16400	<0.0008	0.1	0.0117	0.317 J	0.37	0.0187	2.1 J	0.00102	2.56	<0.00008	<0.002	0.468 J	0.0158	0.595 ± 0.369	4.61 ± 0.465 J	5.21	
Ash Pile	SP-32	Downgradient	3/21/2018	N	3.13	8.54	431	1470 J+	11	9720	17600	<0.01	0.116	<0.02	0.449	0.402	-	2.55	<0.01	3.3	<0.0002 J	<0.025	0.806	0.0167	0.43 ± 0.25	1.86 ± 0.72	2.29	
Ash Pile	SP-32	Downgradient	6/7/2018	N	3.19	9.2	422	1720	0.89	10100	16600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	9/6/2018	N	2.76	7.54	465	1560	15.2	9450	17900	<0.01	0.0589	<0.02	0.346	0.414	<0.02	2.66	<0.01	3.03	<0.0002 J	<0.025	0.169	0.0141	-	-	-	
Ash Pile	SP-32	Downgradient	2/20/2019	N	3.48	8.1	428	1680	13.9	10700	16600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	8/20/2019	N	3.06	7.99	436	1930	4	10100	16700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	8/20/2019	Dup	-	7.88	464	1700	4.86	9550	16800	<0.0008	0.0721	0.0118	0.366	0.377	0.0107	1.76	0.000744 JH	3.31	<0.00008	<0.002	0.614	0.0157	-	-	-	
Ash Pile	SP-32	Downgradient	2/25/2020	N	2.81	8.8	399	1770	1.42 J	9370	16400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	7/30/2020	N	-	8.58	476	1860	0.576 J	9760	16600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	8/20/2020	N	3.74	8.65	496	1890	<0.5	9660	15800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	2/25/2021	N	3.58	8.72	474	1930	4.22	9220	16000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	8/18/2021	N	2.74	7.92	497	1570	8.51 JH	6950	11800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	10/7/2021	N	3.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	2/8/2022	N	3.09	6.22 B	1260 J	1510	10.3	6380 B	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	3/17/2022	N	3.18	-	537	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	4/20/2022	N	3.5	-	453	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	9/28/2022	N	3.57	11.8	534	1460 B	6.57	5670 B	9410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	11/2/2022	N	3.46	11.5 ^2	482	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	12/2/2022	N	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	2/21/2023	N	3.31	10.6	542	2170	18.8 J	7110	13500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	5/5/2023	N	-	-	465	820	1.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	9/6/2023	N	3.94	13	574	1220	3.57	4170	9150 JL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	11/27/2023	N	-	11.4	569	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	12/18/2023	N	-	9.58	756	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	2/7/2024	N	3.8	13.5	567	1900	<8	5190	11000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	3/12/2024	N	-	9.26	821	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ash Pile	SP-32	Downgradient	5/2/2024	N	4.36	-	604	-	-	-	-	-	-	-	-	-	-	-	-									

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents															
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium
					SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L
Area	Well ID	Well Type	Sample Date	Type																							
Ash Ponds	PZ-03	Upgradient	8/11/2020	N	3.37	10.8	790	5830	<0.5	3920	14100	<0.0008	0.0854	0.0183	0.23	0.512	0.0061	1.17	0.00142	2.71	<0.00008	<0.002	0.502	0.00496	0.767 ± 0.363	5.93 ± 0.725	6.69 ± 1.09
Ash Ponds	PZ-03	Upgradient	2/24/2021	N	3.24	9.49	798	5310	2/24/2021	4010	14200	<0.0008	0.0678	0.0243	0.189	0.477	0.00424 J	1.48	0.0032	1.84	<0.00008	<0.002	0.711	0.00627	0.939 ± 0.38 JH	4.22 ± 0.39 JH	5.16 ± 0.77 JH
Ash Ponds	PZ-03	Upgradient	8/18/2021	N	3.06	7.48	979	5300	5.38	4120	12700	0.00762 J	0.0311	0.0141 JL	0.196 JL	0.428	<0.000811	1.09	0.0218 JL	2.2	<0.0000263	0.00939 J	<0.00439	<0.00621 JL	-17.3 ± 23.1	6.31 ± 17.1	-10.99 ± 40.2
Ash Ponds	PZ-03	Upgradient	2/8/2022	N	2.89	7.95	693	5410 E	6.85	4300	12700	<0.00589 JL	0.0468	0.00941 JL	0.199 JL	0.426	0.0118 JL	1.13	0.0109 JL	2.12	<0.0000263	0.00687 JL	<0.00439	<0.00621 JL	0.74	3.54 ± 0.616 JH	4.28
Ash Ponds	PZ-03	Upgradient	9/28/2022	N	3.27	10.1	822	5340	5.03	3850 B	16100	<0.03	0.0775	0.0294 J	0.264	0.616	<0.02	1.54	<0.0162	2.67	0.00116	<0.026	0.0753	0.0096 J	0.77 JL	2.3 ± 0.809	3.07
Ash Ponds	PZ-03	Upgradient	2/21/2023	N	3.45	11.4	864	5470	5.09	3940	14100	<0.00484	0.0821	0.021 J	0.257	0.529	<0.00765	1.55	0.00206 J	2.36	0.000404	<0.00305	0.0444	0.00952	0.68	4.67 ± 0.967	5.35
Ash Ponds	PZ-03	Upgradient	9/6/2023	N	3.33	9.86	921	5030	5.53	3690	14800	<0.00967	0.0885	<0.0628	0.244	0.495	<0.0306	1.41	<0.00752	2.21	0.000538	<0.0122	0.0438 J	<0.00944	2.35	4.31	6.66
Ash Ponds	PZ-03	Upgradient	2/7/2024	N	3.58	6.27	918	5620	<40	3430	16000	<0.000967	0.121	0.0229	0.274	0.493	0.00266	1.64	0.00177	2.5	0.00137	<0.00061	0.0473	0.00896	0.39 JH	1.73	2.12
Ash Ponds	PZ-03	Upgradient	8/14/2024	N	2.94	11.2	989	5850	4.26 JL	3700	15300	<0.0967	0.105	<0.314	0.262	0.617	<0.153	1.68	<0.0376	2.76	0.00244 F1	<0.061	<0.153	<0.0472	1.56	3.95	5.51
Ash Ponds	PZ-03	Upgradient	2/12/2025	N	-	11.3	885	6180	5.72	3650	15900	<0.0075	0.0662	0.0228 J	0.278	0.532	<0.0056	1.53	<0.00367	2.93	0.00228	<0.00255	0.573	0.00964 J	1.63 JH	5.43 G	7.06
Ash Ponds	PZ-03	Upgradient	8/20/2025	N	-	9.41	916	5790	4.04 J	3290	16200 JH	0.0147	0.0625	0.0257	0.259 F1	0.497	<0.0028	1.3	0.00184 J	1.76	0.00259	<0.00128	0.0268	0.011	<60.9	<40.8	ND
Ash Ponds	AP-31	Downgradient	5/25/2016	N	3.93	37.6	547	1550	<0.5	3310	7990	<0.004	0.00639 J	<0.019	0.0089 J	0.00403 J	<0.004	0.218	<0.006	0.757	0.000685	<0.006	0.0173 J	<0.002	0.21 ± 0.14	1.24 ± 0.47	1.45
Ash Ponds	AP-31	Downgradient	8/17/2016	N	3.75	35.5	505	1760	0.579 J	3590	9580	<0.002	0.00322 J	0.0128 J	0.011	0.00432 J	0.00286 J	0.237	<0.003	0.908	0.000766	<0.003	0.0258	0.00199 J	0.49 ± 0.18	2.37 ± 0.67	2.86
Ash Ponds	AP-31	Downgradient	10/27/2016	N	3.84	44.6	602	1550	0.725 J	3300	7820	0.00787 J	0.00542 J	<0.019	0.0107 J	0.00427 J	<0.004	0.219	<0.006	0.826	0.000689	<0.006	0.0309 J	0.00286 J	0.32 ± 0.16	1.15 ± 0.49	1.47
Ash Ponds	AP-31	Downgradient	2/16/2017	N	3.56	44.3	592	1560	0.288 J-	3190	7310	<0.0008	0.0115	0.0124 J	0.00834	0.00377	0.00243 J	0.235	<0.0003	0.717	0.000723	<0.002	0.0631 J+	0.00252	0.447 ± 0.313	0.540 ± 0.625 U	0.987 U
Ash Ponds	AP-31	Downgradient	3/23/2017	N	3.66	40.8	499	1550	<0.5	3310	7010	<0.0008	0.00806	0.0114	0.00805	0.00361	0.00236 J	0.214	<0.0003	0.739 J-	0.000814	<0.002	0.0609	0.00205	1.39 ± 0.384	0.512 ± 0.492 U	1.9
Ash Ponds	AP-31	Downgradient	5/15/2017	N	2.96	42.3 J	534	1580	<0.1	3180	7590	<0.0008	0.00779	0.0116	0.00938	0.00398	0.00236 J	0.225	<0.0003	0.814	0.000816	<0.002	0.0511	0.00213	0.623 ± 0.276	1.55 ± 0.899 U	2.17
Ash Ponds	AP-31	Downgradient	7/26/2017	N	3.98	45.1 J	510	1720	<0.2	3730	7740	<0.0008	0.0128	0.0119	0.00715	0.00369	0.00239 J	0.238	<0.0003	0.717	0.000665	<0.002	0.0579	0.00244	0.741 ± 0.318	1.20 ± 0.379 U	1.94 U
Ash Ponds	AP-31	Downgradient	8/23/2017	N	3.72	41.4	530	1680	<0.2	3260	7800	<0.0008	0.0113	0.013	0.00876	0.00392	0.00239 J	0.253	<0.0003	0.846	0.000681	<0.002	0.0704	0.00222	0.491 ± 0.260	2.40 ± 0.489 U	2.89
Ash Ponds	AP-31	Downgradient	3/19/2018	N	3.58	43.3	566	1570	<5	3260	7580	<0.01	<0.01	<0.02	<0.02	<0.01	-	0.253	<0.02	0.883	0.000505 J-	<0.025	0.0372	<0.01	0.44 ± 0.25	1.13 ± 0.54	1.57
Ash Ponds	AP-31	Downgradient	6/5/2018	N	3.89	43.1	562	1620	0.308	3220	7740	<0.01	<0.01	<0.02	0.0123	<0.01	-	0.234	<0.01	0.771	0.000457	<0.025	0.0329	<0.01	0.47 ± 0.29 U	0.99 ± 0.4	0.99
Ash Ponds	AP-31	Downgradient	9/4/2018	N	3.19	34.7	601	1550	0.406	3020	8220	<0.01	<0.01	<0.02	0.011 J	<0.01 J	<0.02	0.229 J	0.947	0.000403	<0.025	0.0243 J	<0.01	0.35 ± 0.27 U	1.38 ± 0.53 U	1.73 U	
Ash Ponds	AP-31	Downgradient	2/21/2019	N	3.94	58.2	476	1590	0.609 J	3090	7780	<0.00106 JH	0.00674	0.012	0.00893 J	0.00441	0.00255 JH	0.257	<0.00024 JH	0.871	0.000504	<0.00098	0.0285	0.00215 J	0.49 ± 0.28 JH	1.45 ± 0.52	1.94 ± 0.8 JH
Ash Ponds	AP-31	Downgradient	2/21/2019	Dup	-	60.2	399	1630	0.601 J	3140	7780	<0.00106 JH	0.00642	0.0123	0.00846 J	0.00494	0.0022 JH	0.247	<0.00024 JH	0.837	0.0005	<0.00098	0.025	0.00215 J	0.33 ± 0.26 JH	1.12 ± 0.47	1.45 ± 0.73 JH
Ash Ponds	AP-31	Downgradient	8/20/2019	N	3.52	48.1	534	1840	0.575 J	33																	

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents															
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium
Area	Well ID	Well Type	Sample Date	Type	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L		
Ash Ponds	AP-33	Downgradient	9/28/2022	N	3.69	53.5	734	4220	6.55	3580	11200	<0.15	<0.12	<0.07	0.272	0.119 J	<0.1	1.43	<0.081	1.21	0.00644	<0.13	<0.082	<0.046	1.21	6.82 ± 0.968	8.03
Ash Ponds	AP-33	Downgradient	2/21/2023	N	3.34	62	844	4040	5.68	3440	11600	<0.00484	0.0937	0.0191 J	0.287	0.118	0.0088 J	1.51	<0.00188	1.18	0.00384	<0.00305	0.027	0.00564	1.04	7.96 ± 1.27	9
Ash Ponds	AP-33	Downgradient	9/6/2023	N	3.79	59.8	681	3430	5.09	2980	11900	<0.00967	0.1	<0.157	0.291	0.11	<0.0765	1.38	<0.0188	1.21	0.00395	<0.0305	<0.037	<0.0236	0.5	6.17	6.67
Ash Ponds	AP-33	Downgradient	2/7/2024	N	3.32	57	783	4130	<20	3300	12600	<0.000967	0.153	0.0184	0.262	0.0959	<0.00153	1.38	<0.000376	1.26	0.00411	<0.00061	0.0316	0.00503	1.98	5.31	7.29
Ash Ponds	AP-33	Downgradient	8/14/2024	N	3.38	59.9	771	4300	<10	3670	11300	<0.0967	<0.0563	<0.314	0.273	0.117	<0.153	1.36	<0.0376	1.27	0.00473	<0.061	<0.153	<0.0472	0.71	7.89	8.6
Ash Ponds	AP-33	Downgradient	8/14/2024	Dup	3.38	44	455	2100 JH	<1	3130	8600	<0.0967	<0.0563	<0.314	<0.0274	<0.0217	<0.153	<0.0261	<0.0376	0.939	<0.00013	<0.061	<0.153	<0.0472	-	2.2 JH	2.2 JH
Ash Ponds	AP-33	Downgradient	2/12/2025	N	-	50.2	680	3880	6.31	3380 ^2	11700	<0.00375	0.0594	0.0188 J	0.298	0.0818	<0.0028	1.09	<0.00184	0.296	0.00367	<0.00128	0.571	0.0053 J	0.42 JH	6.79	7.21
Ash Ponds	AP-33	Downgradient	8/20/2025	N	-	60.6	674	3740	4.93 J	3460	10700 JH	<0.00375	0.0642	0.0174 J	0.275	0.0782	<0.0028	1.02	<0.00184	1.26	0.00401	<0.00128	0.00434 J	0.0052 J	<78.1	<68.1	ND
Ash Ponds	AP-34	Downgradient	5/25/2016	N	3.05	28.3	634	2700	7.72	3410	10100	<0.004	0.0185 J	0.025 J	0.232	0.0554	0.014 J	0.996	<0.006	1.31	0.000081 J	<0.006	0.0241 J	<0.002	0.51 ± 0.21	2.1 ± 0.63	2.61
Ash Ponds	AP-34	Downgradient	8/17/2016	N	3.32	27	610	2920	7.26	3790	9860	<0.002	0.0157 J	0.0171 J	0.288	0.0466	0.00518 J	0.996	<0.003	1.4	0.00177	<0.003	0.0367	0.00148 J	0.34 ± 0.14	2.8 ± 0.76	3.14
Ash Ponds	AP-34	Downgradient	10/25/2016	N	2.99	23	628	2790	5.71	3540	9780	<0.0004	0.0145	0.0142	0.221	0.0433	0.00403 J	0.799	<0.0006	1.31	0.0016	<0.0006	0.0319	0.00157 J	0.5 ± 0.22	2.42 ± 0.75	2.92
Ash Ponds	AP-34	Downgradient	2/17/2017	N	3.16	32.4	719	2540	2.81 J-	3170	11000	<0.0008	0.0371	0.0155 J	0.181	0.0444	0.00442 J	0.959	0.000722 J	1.29	0.000917	<0.002	0.184 J+	0.00236	0.350 ± 0.295	2.22 ± 0.694	2.57
Ash Ponds	AP-34	Downgradient	3/23/2017	N	3.25	31	727	3340	3.29	2470	10200	<0.0008	0.0132	0.0239	0.114	0.0356	<0.002	0.283	0.00845	0.934 J-	0.000677	<0.002	0.103	0.00533	3.43 ± 0.533	14.7 ± 0.658	18.1
Ash Ponds	AP-34	Downgradient	5/11/2017	N	3.43	32.1 J	649	2780	<0.1	3430	10100	<0.0008	0.0256	0.015	0.215	0.0433	0.00429 J	0.909	0.000838 J	1.38	0.00135	<0.002	0.172	0.00201	0.486 ± 0.208	3.05 ± 0.736	3.54
Ash Ponds	AP-34	Downgradient	7/26/2017	N	3.6	30.3 J	628	2760	1.21 J	4520	9160	<0.0008	0.044	0.0142	0.18	0.0404	0.00584	0.987	0.000421 J	0.98	0.00134	<0.002	0.207	0.00202	0.963 ± 0.402	2.71 ± 0.496 U	3.67
Ash Ponds	AP-34	Downgradient	8/24/2017	N	3.56	26.6	634	2720	0.789 J	3490	9460	<0.0008	0.062	0.0166	0.25	0.0451	0.00455 J	1.14	0.000348 J	1.22	0.00177	<0.002	0.282	0.00185	0.498 ± 0.279	3.23 ± 0.458	3.73
Ash Ponds	AP-34	Downgradient	8/24/2017	Dup	-	26.7	630	2730	0.88 J	3480	9660	<0.0008	0.0613	0.0164	0.24	0.0446	0.00451 J	1.13	0.000407 J	1.21	0.0018	<0.002	0.271	0.0018	0.680 ± 0.321	2.92 ± 0.552	3.6
Ash Ponds	AP-34	Downgradient	3/20/2018	N	3	25	704	2310	<10	3190	9840	<0.01	0.041	<0.02	0.252	0.0461	-	1.18	<0.02	1.19	0.00358 J-	<0.025	0.129	<0.01	0.24 ± 0.18 U	2.87 ± 0.86	2.87
Ash Ponds	AP-34	Downgradient	6/6/2018	N	3.19	27.7	608	2960	1.04	3990	9620	<0.01	0.0205	<0.02	0.242	0.0399	-	1.09	<0.01	1.13	0.00302 J-	<0.025	0.0715	<0.01	0.35 ± 0.25 U	3.23 ± 0.87	3.58
Ash Ponds	AP-34	Downgradient	9/4/2018	N	2.75	77.1	1690	2520	7.78	3330	10900	<0.02	0.0243	<0.04	0.281 J	0.0394 J	<0.04	1.14 J	<0.02	1.37	0.00217	<0.005	0.068 J	<0.02	1.99 ± 0.8	3.37 ± 0.91 U	5.36 U
Ash Ponds	AP-34	Downgradient	2/21/2019	N	3.43	33.1	816	2940	4.63	2710	9160	<0.00265 JH	0.0139	0.0188 J	0.149	0.0353	0.00333 JH	0.468	0.00892 J	1.23	0.00288	<0.00245	0.034	0.00468 J	1.02 ± 0.5 JH	6.1 ± 1.5	7.12 ± 2 JH
Ash Ponds	AP-34	Downgradient	8/20/2019	N	2.98	28.8	656	2910	5.5	3500	9780	<0.0008	0.0346	0.0143	0.266	0.0308	0.00392 J	0.908	0.000776 JH	1.32 JL	0.00186	<0.002	0.267	0.00198	0.493 ± 0.428 J	5.85 ± 0.457	6.34 ± 0.885
Ash Ponds	AP-34	Downgradient	2/26/2020	N	3.16	27.3	595	2870	4.59	3450	9820	<0.0008	0.0497	0.014	0.255	0.0247	0.00409 J	0.96	0.000424 J	1.2	0.00212	<0.002	0.344	0.00178	0.477 ± 0.306	3.74 ± 0.488	4.22 ± 0.794
Ash Ponds	AP-34	Downgradient	8/7/2020	N	2.48	23.6	732	3010	4.48	3540	9680	<0.0008	0.0504	0.0149	0.258	0.0269	0.00436 J	0.987	<0.0003	1.25	0.00206	<0.002	0.365	0.00191	0.552 ± 0.344	4.02 ± 0.703	4.58 ± 1.05
Ash Ponds	AP-34	Downgradient	2/25/2021	N	4.49	24.1	693	2950	4.58	3350	8980	<0.0008	0.0544	0.0139	0.218	0.0242	0.00418 J	0.963	<0.0003	0.988	0.00265	<0.002	0.583	0.00203	0.267 ± 0.23 JH	3.86 ± 0.43	4.12 ± 0.66 JH
Ash Ponds	AP-34	Downgradient	8/18/2021	N	3.15																						

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents																
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium	
					SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L	
Area	Well ID	Well Type	Sample Date	Type																								
Ash Ponds	AP-36	Downgradient	8/14/2024	N	4.22	<6.01	616	1520	<1	2780	6540	<0.0967	<0.0563	<0.314	<0.0274	<0.0217	<0.153	0.0624	<0.0376	1.15	<0.00013	<0.061	<0.153	<0.0472	<0.18	4.63	4.63	
Ash Ponds	AP-36	Downgradient	2/12/2025	N	-	2.54	656	1770	1.12 J	2920 ^2	6510	<0.0075	0.00691 J	0.0176 J	0.0118 J	<0.0024	<0.0056	0.0649	<0.00367	0.534	<0.0000706	<0.00255	0.0537	<0.00415	<0.33	2.59	2.59	
Ash Ponds	AP-36	Downgradient	8/20/2025	N	-	2.43	609	1500	<1	2850	5550 JH	<0.00375	0.00479 J	0.0178 J	0.00887 J	<0.0012	<0.0028	0.0551	<0.00184	0.946	<0.0000706	<0.00128	<0.00295	<0.00208	29.8 JH	<47.6	29.8 JH	
Ash Ponds	MW-03	Downgradient	5/25/2016	N	3.18	15.6	535	2070	1.05	4260	9810	<0.004	0.00805 J	<0.019	0.0279	0.061	<0.004	0.328	<0.006	1.99	<0.00004	<0.006	0.0177 J	<0.002	0.56 ± 0.22	3.57 ± 0.94	4.13	
Ash Ponds	MW-03	Downgradient	8/17/2016	N	3.56	13.9	478	2200	1.59	4560	9780	<0.002	0.00544 J	<0.0095	0.0343	0.0556	<0.002	0.325	<0.003	2.12	<0.00004	<0.003	0.0295	0.00178 J	0.41 ± 0.16	3.72 ± 0.99	4.13	
Ash Ponds	MW-03	Downgradient	10/27/2016	N	3.66	17.8	563	1990	1.19	4270	9440	<0.004	0.00836 J	<0.019	0.0297	0.0625	<0.004	0.338	<0.006	2.13	<0.00004	<0.006	0.0278 J	<0.002	0.44 ± 0.19	3.7 ± 1	4.14	
Ash Ponds	MW-03	Downgradient	2/16/2017	N	3.34	14.9	573	1980	0.54 J-	3990	9780	<0.0008	0.019	0.01 J	0.0211	0.0507	<0.002	0.321	<0.0003	1.87	<0.00008	<0.002	0.0928 J+	0.00229	0.263 ± 0.278 U	3.42 ± 0.508	3.68	
Ash Ponds	MW-03	Downgradient	3/23/2017	N	3.45	15.5	488	1950	0.8 J	4110	9480	<0.0008	0.0142	0.00892 J	0.0226	0.052	<0.002	0.321	<0.0003	1.45 J-	<0.00008	<0.002	0.0991	0.00197	0.494 ± 0.394 U	2.45 ± 0.532 U	2.94	
Ash Ponds	MW-03	Downgradient	5/15/2017	N	2.79	14.2 J	486	1880	<0.1	3990	9780	<0.0008	0.0138	0.00988 J	0.026	0.0558	<0.002	0.325	<0.0003	1.65	<0.00008	<0.002	0.0898	0.00204	0.241 ± 0.203 U	4.66 ± 0.877 U	4.9	
Ash Ponds	MW-03	Downgradient	7/26/2017	N	3.82	16 J	515	1860	<0.1	4650	9200	<0.0008	0.0236	0.0101	0.0214	0.0529	<0.002	0.353	<0.0003	1.46	<0.00008	<0.002	0.102	0.00237	1.08 ± 0.391	3.89 ± 0.751 U	4.97	
Ash Ponds	MW-03	Downgradient	8/23/2017	N	3.59	15.2	521	1870	<0.2	4100	9120	<0.0008	0.0318	0.0112	0.026 J	0.0629	<0.002	0.386	<0.0003	1.71	<0.00008	<0.002	0.133	0.00231	0.577 ± 0.277	4.68 ± 0.568	5.26	
Ash Ponds	MW-03	Downgradient	3/19/2018	N	3.36	14.3	528	1720	<10	4010 J	9100	<0.01	0.0196	<0.02	0.0299	0.055	-	0.343	<0.02	1.6 J	<0.0002 J	<0.025	0.0409 J	<0.01	0.44 ± 0.27	5 ± 1.3	5.44	
Ash Ponds	MW-03	Downgradient	3/19/2018	Dup	-	14.5	524	1530 J+	<10	3130 J	7780	<0.01	0.0226	<0.02	0.0337	0.0625	-	0.356	<0.01	2.08 J	0.000523 J-	<0.025	0.148 J	<0.01	0.62 ± 0.28	3.5 ± 1	4.12	
Ash Ponds	MW-03	Downgradient	6/5/2018	N	3.46	17	528	1790	0.481	4180	9220	<0.01	0.0101 J	<0.02	0.0379	0.0633	-	0.37	<0.01	1.64	<0.0002	<0.025	0.0321	<0.01	0.76 ± 0.33	4.9 ± 1.2 J	5.66	
Ash Ponds	MW-03	Downgradient	6/5/2018	Dup	-	15.3	489	1870	0.411	4310	9940	<0.01	<0.01 J	<0.02	<0.1	0.0541	-	0.332	<0.01	1.58	<0.0002 J	<0.025	0.0347	<0.01	0.44 ± 0.32	1.59 ± 0.53 J	2.03 J	
Ash Ponds	MW-03	Downgradient	9/4/2018	N	2.99	13	518	1750	0.817	4150	9620	<0.01	0.0108	<0.02	0.0318 J	0.063 J	<0.02	0.355 J	<0.01	1.88	<0.0002	<0.025	0.0312 J	<0.01	0.54 ± 0.38 U	5 ± 1.3 U	5 U	
Ash Ponds	MW-03	Downgradient	2/21/2019	N	3.67	17.4	575	1830	0.959 J	4100	9260	0.0037 JH	0.0124	0.0104 JH	0.023 J	0.0602	<0.00126 JH	0.371	<0.0006 JH	1.89	<0.00003	<0.00245	0.0336	0.00224 J	<0.32 ± 0.27 JH	4.8 ± 1.2	4.8 ± 1.47 JH	
Ash Ponds	MW-03	Downgradient	8/20/2019	N	3.33	16.4	515	2010	0.951 J	4270	9540	<0.0008	0.0167	0.0108	0.0258	0.0549	<0.002	0.282	<0.0003 JH	1.74 JL	<0.00008	<0.002	0.118	0.00208	0.418 ± 0.386	6.01 ± 0.565 J	6.42 ± 0.951	
Ash Ponds	MW-03	Downgradient	2/24/2020	N	3.41	16.1	467	1940	<0.5	4060	9080	<0.0008	0.0233	0.0107	0.024	0.0481	<0.002	0.315	<0.0003	1.59	<0.00008	<0.002	0.146	0.00204	0.434 ± 0.303	5.16 ± 0.46	5.6 ± 0.763	
Ash Ponds	MW-03	Downgradient	8/12/2020	N	2.6	16.2	539	1890	<0.5	4140	9260	<0.0008	0.0236	0.0113	0.024	0.0526	<0.002	0.32	<0.0003	1.68	<0.00008	<0.002	0.158	0.00212	0.725 ± 0.383	5.84 ± 0.674 JH	6.56 ± 1.06 JH	
Ash Ponds	MW-03	Downgradient	2/24/2021	N	3.49	12.8	555	1990	1.39 J	4170	9280	<0.0008	0.0246	0.012	0.0189	0.048	<0.002	0.294	0.000398 J	1.41	<0.00008	<0.002	0.23	0.00211	0.809 ± 0.356 JH	3.89 ± 0.389 JH	4.7 ± 0.745 JH	
Ash Ponds	MW-03	Downgradient	8/18/2021	N	3.48	12.3	632	1860	<5	4040	7980	<0.00589	0.00985 J	0.00533 JL	0.0251 JL	0.0519	0.0195	0.326	<0.00237	2	0.000055 J	0.0047 J	<0.00439	<0.00621 JL	-27.7 ± 19.4	7.02 ± 20.6	-20.68 ± 40	
Ash Ponds	MW-03	Downgradient	8/18/2021	Dup	-	11.8	709	2070	<5	4150	8610	<0.00589	0.0164	0.00691 JL	0.0239 JL	0.0505	0.021	0.316	<0.00237	2.23	0.000085 J	0.00448 J	<0.00439	<0.00621 JL	37.8 ± 18.7	7.57 ± 11.9	45.37 ± 30.6	
Ash Ponds	MW-03	Downgradient	2/8/2022	N	3.69	10.9	508	1950	<1	4190 B	10500	<0.0589	<0.055	<0.0135	0.0208 J	0.0458 J	<0.00811	0.29	<0.0237	1.76	0.000034 J	<0.0123	<0.0439	<0.0621	0.77	5.53 ± 0.818 JH	6.3	
Ash Ponds	MW-03	Downgradient	2/8/2022	Dup	-	12.3	497	1990	1.1																			

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents															
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium
Area	Well ID	Well Type	Sample Date	Type	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L		
Ash Ponds	PZ-06	Downgradient	8/18/2021	N	5.39	2.66	773	1810	<5	3170	6550	<0.00589	<0.0055	0.0168 JL	0.00331 JL	<0.00243	0.0456	0.00713 J	<0.00237 JL	1.48	<0.0000263	0.00417 JH	<0.00439	<0.00621 JL	25.5 ± 18.7	14.2 ± 22.7	39.7 ± 41.4
Ash Ponds	PZ-06	Downgradient	2/8/2022	N	5.2	2.67	638	1960	<1	3130 B	8800	<0.0589	0.057 J	<0.0135	<0.0049	<0.0243	<0.00811	<0.00673	<0.0237	0.953	<0.0000263	<0.0123	<0.0439	<0.0621	0.57	2.1 ± 0.421 JH	2.67
Ash Ponds	PZ-06	Downgradient	9/28/2022	N	5.9	2.5	700	1910	0.357 J	2940	6940	<0.015	<0.012	0.0318	<0.0092	<0.0065	<0.01	<0.0056	<0.0081	1.19	<0.00015	<0.013	<0.0082	<0.0046	0.51	3.18 ± 0.591	3.69
Ash Ponds	PZ-06	Downgradient	2/21/2023	N	6.09	4.26	707	1910	0.1 J	3070	8440	<0.00484	<0.00141	0.0223 J	<0.00137	<0.00109	<0.00765	<0.00131	<0.00188	1.06	<0.00013	<0.00305	<0.0037	<0.00236	0.37	1.94 ± 0.549	2.31
Ash Ponds	PZ-06	Downgradient	9/6/2023	N	5.87	<3.01	740	1710	<0.1	2410	8100	<0.00967	<0.0141	<0.157	<0.0137	<0.0109	<0.0765	<0.0131	<0.0188	1.19	<0.00013	<0.0305	<0.037	<0.0236	<0.23	2.58	2.58
Ash Ponds	PZ-06	Downgradient	2/7/2024	N	6.11	3.19	752	2120	<20	2600	8040	<0.00967	0.000384 J	0.0233	0.00325	<0.000217	<0.00153	0.00323	<0.000376	1.28	<0.00013	<0.00061	<0.000739	<0.000472	1.8	1.72	3.52
Ash Ponds	PZ-06	Downgradient	8/14/2024	N	5.9	<6.01	703	2090	<1	2740	7970	<0.0967	<0.0563	<0.314	<0.0274	<0.0217	<0.153	<0.0261	<0.0376	1.27	<0.00013	<0.061	<0.153	<0.0472	0.24	2.88	3.12
Ash Ponds	PZ-06	Downgradient	2/12/2025	N	-	3.28 J	634	2440	1.01 J	2970 ^2	7800	<0.00375	<0.00069	0.0237	0.00676 J	<0.0012	<0.0028	0.00642 J	<0.00184	0.596	<0.0000706	<0.00128	0.0035 J	<0.00208	0.74 JH	3.45	4.19
Ash Ponds	PZ-06	Downgradient	8/20/2025	N	-	3.28	690	2070	<1	2760	7370 JH	<0.00375	<0.00345	0.022	0.00792 J	<0.0012	<0.0028	0.00684 J	<0.00184	1.16	<0.0000706	<0.00128	<0.00295	<0.00208	58.8 JH	<44.8	58.8 JH
East Equalization Pond	EP-31	Upgradient	5/26/2016	N	3.56	4.14	438	156	2.65	3260	5820	<0.0004	0.00758	0.0139	0.0737	0.0181	0.0016 J	0.123	<0.0006	0.616	<0.00004	<0.0006	0.00934	0.00112 J	0.41 ± 0.17	1.38 ± 0.46	1.79
East Equalization Pond	EP-31	Upgradient	8/17/2016	N	3.8	4.49	410	139	2.04	3430	7060	<0.0004	0.00918	0.00734	0.128	0.016	0.000816 J	0.107	0.000608 J	0.95	<0.00004	<0.0006	0.00903	0.00116 J	0.31 ± 0.2	1.28 ± 0.56	1.59
East Equalization Pond	EP-31	Upgradient	10/25/2016	N	3.49	3.88	462	243	3.03	3180	5600	<0.0004	0.0103	0.0068	0.0818	0.0291	0.000872 J	0.146	0.000991 J	0.693	<0.00004	<0.0006	0.0148	0.00107 J	ND ± 0.13	0.76 ± 0.34	0.76
East Equalization Pond	EP-31	Upgradient	2/13/2017	N	3.43	4.15 J	406	113	1.87	3100	4420	<0.0008	0.0115	0.00647 J	0.0699	0.0145	<0.002	0.111	0.000439 J	0.571	<0.00008	<0.002	0.0571	0.00126 J	0.253 ± 0.375	-0.188 ± 0.474 U	0.253 U
East Equalization Pond	EP-31	Upgradient	3/21/2017	N	3.5	4.39 J	394	115	1.73	3660 J-	4360	<0.0008	0.015	0.00596 J	0.0571 J	0.0147	<0.002	0.106	0.000313 J	0.481	<0.00008	<0.002	0.0463 J	0.00134 J	0.521 ± 0.202 U	0.929 ± 0.517	1.45
East Equalization Pond	EP-31	Upgradient	5/9/2017	N	3.8	4.34 J	426	107	<0.1	2950	4930	<0.0008	0.0114	0.00493 J	0.0738	0.0152	<0.002	0.107	<0.0003	0.572	<0.00008	<0.002	0.0448	0.00125 J	0.184 ± 0.169	0.907 ± 0.515	1.09
East Equalization Pond	EP-31	Upgradient	7/26/2017	N	4.09	4.26 J	425	115	1.4 J	3420	4640	<0.0008	0.0163	0.00494 J	0.0611	0.0143	<0.002	0.109	<0.0003	0.499	<0.00008	<0.002	0.0583	0.00138 J	0.160 ± 0.250 U	0.837 ± 0.463 U	1 U
East Equalization Pond	EP-31	Upgradient	7/26/2017	Dup	-	4.53 J	425	124	1.42 J	3590	4580	<0.0008	0.0162	0.00493 J	0.0625	0.0141	<0.002	0.11	<0.0003	0.505	<0.00008	<0.002	0.0569	0.0014 J	0.188 ± 0.195 U	1.25 ± 0.488 U	1.44 U
East Equalization Pond	EP-31	Upgradient	8/22/2017	N	3.71	4.12 J	437	122	0.549 J	3220	4980	<0.0008	0.0155	0.00511 J	0.0596 J	0.0144	<0.002	0.102	<0.0003	0.464	<0.00008	<0.002	0.0462 J	0.00127 J	0.054 ± 0.139	0.817 ± 0.450	0.871
East Equalization Pond	EP-31	Upgradient	3/21/2018	N	3.58	4.15	451	108 J+	<5	3160	4770	<0.01	0.0191	<0.02	0.0766	0.0156	-	0.112	<0.01	0.624	<0.0002 J	<0.025	0.0794	<0.01	0.23 ± 0.17 U	1.04 ± 0.48 U	ND
East Equalization Pond	EP-31	Upgradient	3/21/2018	Dup	-	4.3	428	104 J+	<5	3050	4830	<0.01	0.0166	<0.02	0.0735	0.015	-	0.112	<0.01	0.587	<0.0002 J	<0.025	0.0699	<0.01	0.28 ± 0.19	0.92 ± 0.45 U	0.28
East Equalization Pond	EP-31	Upgradient	6/7/2018	N	3.75	4.25	439	172	1.6	3520	4990	<0.01	<0.01	<0.02	<0.1	0.0162	-	0.1	<0.01	0.517	<0.0002 J	<0.025	0.0183	<0.01	0.24 ± 0.19 U	0.94 ± 0.4	0.94
East Equalization Pond	EP-31	Upgradient	9/6/2018	N	3.27	4.46	411	146	1.79	3110	4920	<0.002	0.0118	0.00488	<0.1	0.0156 J	<0.004	0.101 J	<0.002	0.56	<0.0002 J	<0.005	0.0176 J	<0.002	0.39 ± 0.23 U	0.95 ± 0.44 U	ND
East Equalization Pond	EP-31	Upgradient	2/19/2019	N	4.17	5.34	427	258	2.22	3360	4960	<0.00265 JL	0.0187	0.00705 J	0.0886	0.0258	<0.00126 JH	0.142	0.00161 J	0.827	0.000039 J	<0.00245	0.0196	0.00175 J	0.4 ± 0.28 J	<0.54 ± 0.35	0.4 ± 0.63 J
East Equalization Pond	EP-31	Upgradient	8/20/2019	N	3.52	5.2	417	352	2.09	3340	5180	<0.0008	0.0195	0.00634 J	0.0804	0.0245	<0.002	0.122	0.000775 JH	0.833 JL	0.0000883 J	<0.002	0.0838	0.00172	0.0362 ± 0.159	1.25 ± 0.415 JH	1.29 ± 0.574 JH
East Equalization Pond	EP-31	Upgradient	1/21/2020	N	-	5.46	432																				

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents															
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium
					SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L
Area	Well ID	Well Type	Sample Date	Type																							
East Equalization Pond	EP-33	Downgradient	8/5/2020	N	6.54	82.7	580	3360	<0.5	3120	10500	<0.0008	<0.002	0.0162	<0.0003	<0.0003	0.00288 J	<0.003	<0.0003	0.629	<0.00008	0.0494	<0.002	<0.0005	0.472 ± 0.264	2.81 ± 0.615	3.28 ± 0.879
East Equalization Pond	EP-33	Downgradient	2/24/2021	N	7.01	82.7	556	3210	1.36 J	2970	10200	<0.0008	<0.002	0.0165	<0.0015	<0.0003	<0.002	<0.003	<0.0003	0.594	<0.00008	0.0363	0.00226 J	<0.0005	0.501 ± 0.285	1.48 ± 0.457 B	1.98 ± 0.742 B
East Equalization Pond	EP-33	Downgradient	8/18/2021	N	6.45	93.7 B	721	2980	0.235 J	3330	9210	<0.00589	0.00972 J	0.00932 J	0.00136 J	<0.00243	<0.000811	0.00627 J	<0.00237	0.672	<0.0000263	0.0267	<0.00439	<0.00621	33.3 ± 17.2	13.6 ± 21.9	46.9 ± 39.1
East Equalization Pond	EP-33	Downgradient	8/18/2021	Dup	-	95.7 B	788	2920	0.231 J	3270	9110	<0.00589	0.00618 J	0.0098 J	0.00145 J	<0.00243	<0.000811	0.00683 J	<0.00237	0.707	<0.0000263	0.0299	<0.00439	<0.00621	11.5 ± 18.4	8.82 ± 24.2	20.32 ± 42.6
East Equalization Pond	EP-33	Downgradient	2/8/2022	N	6.58	55	446 B	2620	5.8	3220	10900	<0.0589	0.0628 J	<0.0135	<0.0049	<0.0243	<0.00811	<0.00673	<0.0237	0.671	<0.0000263	<0.0123	<0.0439	<0.0621	0.77	3.1 ± 0.818	3.87
East Equalization Pond	EP-33	Downgradient	2/8/2022	Dup	-	58.6	480 B	2590	<1	3210	12100	<0.0589	<0.055	<0.0135	<0.0049	<0.0243	<0.00811	<0.00673	<0.0237	0.51	<0.0000263	0.0133 J	<0.0439	<0.0621	0.62	2.17 ± 0.727	2.79
East Equalization Pond	EP-33	Downgradient	9/28/2022	N	6.61	61	449	2290	0.154 J	3200	8110	<0.15	<0.12	<0.07 J	<0.092	<0.065	<0.1 J	<0.056	<0.081	0.542 J	0.00103	<0.13 J	<0.082	<0.046	0.45	1.88 ± 0.578	2.33
East Equalization Pond	EP-33	Downgradient	9/28/2022	Dup	-	70.5 B	475	2300	<1	3180	8850	<0.0075 J	<0.006	0.0182 J	<0.0046	<0.00325	0.00765 J	<0.0028	<0.00405	0.791 J	0.00103	0.0112 J	<0.0041	<0.0023	0.4	2.71 ± 0.602	3.11
East Equalization Pond	EP-33	Downgradient	2/21/2023	N	6.52	63.7	521	2190	<10	3170	8930	<0.00484	<0.00141	0.0158 J	<0.00137	<0.00109	<0.00765	<0.00131	<0.00188	0.736	<0.00013	0.0119 J	<0.0037	<0.00236	0.95	2.76 ± 0.628 JH	3.71
East Equalization Pond	EP-33	Downgradient	2/21/2023	Dup	-	57.3	467	2220	<10	4230	8510	<0.00484	<0.00141	<0.0157	<0.00137	<0.00109	<0.00765	<0.00131	<0.00188	0.669	<0.00013	0.0108 J	<0.0037	<0.00236	0.88	1.46 ± 0.457 JH	2.34
East Equalization Pond	EP-33	Downgradient	9/6/2023	N	6.6	61.7	512	1950	<0.1	2890	9370	<0.0193	0.000647 J	0.0131	<0.000274	<0.000217	0.00195 J	0.000273 J	<0.000376	0.692	<0.00013	0.0186	0.00157 J	<0.000472	<0.28	1.89	1.89
East Equalization Pond	EP-33	Downgradient	9/6/2023	Dup	-	55.2	500	1870	0.475 J	2860	9480	<0.0193	0.000661 J	0.0125	<0.000274	<0.000217	<0.00153	<0.000261	<0.000376	0.729	<0.00013	0.0131	0.00145 J	<0.000472	0.93	1.14	2.07
East Equalization Pond	EP-33	Downgradient	2/7/2024	N	6.71	52.6	481	2380	<8	3210 JH	8600	<0.000967	0.000869 J	0.0134	<0.000274	<0.000217	<0.00153	<0.000261	<0.000376	0.812 J	<0.00013	0.0062	0.00275 J	<0.000472	1.21	2.71 JH	3.92
East Equalization Pond	EP-33	Downgradient	2/7/2024	Dup	6.71	47.4	477	2320	<8	3100 JH	9520	<0.000967	0.000755 J	0.0137	<0.000274	<0.000217	<0.0306	<0.000261	<0.000376	0.529 J	<0.00013	0.00611	0.00219 J	<0.000472	1.22	2.19 JH	3.47
East Equalization Pond	EP-33	Downgradient	8/14/2024	N	6.48	46.8	476	2110 JH	<1	3140	7800	<0.0967	<0.0563	<0.314	<0.0274	<0.0217	<0.153	<0.0261	<0.0376	0.919	<0.00013	<0.061	<0.0472	0.81	1.99 JH	2.8	
East Equalization Pond	EP-33	Downgradient	2/12/2025	N	-	62.6	424	2050	<10	3080	9020	<0.0075	<0.0069	<0.0134	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	0.979	<0.0000706	0.0138 J	<0.0059	<0.00415	0.53	2.28	2.81
East Equalization Pond	EP-33	Downgradient	2/12/2025	Dup	-	62.1	423	2030	<10	3040	9050	<0.0075	<0.0069	<0.0134	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	0.968	<0.0000706	0.0134 J	<0.0059	<0.00415	0.8	2.06	2.86
East Equalization Pond	EP-33	Downgradient	8/20/2025	N	-	43.8	378	1810	<1	3260 B	7050	<0.00375	<0.00345	0.0113 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.385	<0.0000706	0.00744 J	<0.00295	<0.00208	84 JH	<40.8	84 JH
East Equalization Pond	EP-33	Downgradient	8/20/2025	Dup	-	52.7	391	1770	<1	3200 B	7970	<0.00375	<0.00345	0.0104 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.396	<0.0000706	0.00786 J	<0.00295	<0.00208	24.6 JH	<50.8	24.6 JH
East Equalization Pond	EP-34	Downgradient	5/24/2016	N	6.79	50.2	517	3640	<0.5	2910	10800	<0.004	0.00596 J	0.0294 J	<0.002	<0.002	<0.004	<0.002	<0.006	0.874	<0.00004	0.0227 J	<0.011	<0.002	0.7 ± 0.26	1.51 ± 0.47	2.21
East Equalization Pond	EP-34	Downgradient	8/18/2016	N	6.66	74.6	483	3900	0.589 J	3000	10700	<0.002	<0.002	0.0227 J	<0.001	<0.001	<0.002	0.00174 J	<0.003	0.698	<0.00004	0.029	<0.0055	<0.001	0.7 ± 0.29	1.79 ± 0.62	2.49
East Equalization Pond	EP-34	Downgradient	10/26/2016	N	6.74	61.6	533	3780	0.651 J	3150	10700	<0.004	<0.004	<0.019	<0.002	<0.002	<0.004	<0.006	0.78	<0.00004	0.0249 J	<0.011	<0.002	0.76 ± 0.3	1.61 ± 0.6	2.37	
East Equalization Pond	EP-34	Downgradient	2/15/2017	N	6.37	51.7 J	448	3660	<0.5	3100	11300	<0.0008	<0.002	0.02	<0.0003	<0.0003	0.00298 J	<0.003	<0.0003	0.852	<0.00008	0.0174	<0.002	<0.0005	1.17 ± 0.464 U	5.11 ± 0.541	6.28
East Equalization Pond	EP-34	Downgradient	2/15/2017	Dup	-	54.6 J	457	3670	<0.5	3090	10700	<0.0008	<0.002	0.01													

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents																
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium	
Area	Well ID	Well Type	Sample Date	Type	SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L				
East Equalization Pond	EP-36	Downgradient	6/7/2018	N	6.28	21.5	435	3620	0.176	2580	10100	<0.01	<0.01	0.0251	<0.1	<0.01	-	<0.025	<0.01	1.07	<0.0002 J	<0.025	<0.01	<0.01	0.35 ± 0.27 U	3.46 ± 0.93	3.46	
East Equalization Pond	EP-36	Downgradient	9/6/2018	N	6.01	20.3	475	3850	<0.5	2720	10300	<0.01	<0.01	0.0245	<0.2	<0.01	<0.02	<0.025	<0.01	1.11	<0.0002 J	<0.025	<0.01	<0.01	0.94 ± 0.51 U	2.7 ± 0.78 U	3.64 U	
East Equalization Pond	EP-36	Downgradient	2/20/2019	N	7.25	33.2	439	3810	<0.5	2610	10300	<0.0053	<0.0025	0.0214 J	<0.00091	<0.00077	0.00395 J	0.000602 JH	<0.0012	1.35	<0.00003	<0.0049	<0.0086	0.00469 J	0.4 ± 0.3	2.26 ± 0.66	2.66 ± 0.96	
East Equalization Pond	EP-36	Downgradient	6/20/2019	N	-	29	450	3470	<0.1	2490	9420	<0.00265	0.00449 J	0.0285	<0.000455	<0.000385	<0.00126	0.000605 J	0.00451 J	1.09 n	0.00003 U	<0.00245	<0.0043	<0.00125	0.74 ± 0.52	2.55 ± 0.73	3.29 ± 1.25	
East Equalization Pond	EP-36	Downgradient	8/20/2019	N	6.01	26.1	455	3530	<0.5	2450	10600	<0.0008	<0.002	0.0238	<0.0003	<0.0003 JH	<0.002	<0.003 JH	<0.0003 JH	1.25	<0.00008	<0.002	<0.002	<0.0005	0.899 ± 0.46	4.03 ± 0.524 J	4.93 ± 0.984	
East Equalization Pond	EP-36	Downgradient	2/27/2020	N	6.75	27.2	387	3960	<0.5	2710	10800	<0.0008	<0.002	0.0241	<0.0003	<0.0003	<0.002	<0.003	0.00407	1.19	<0.00008	<0.002	<0.002	<0.0005	0.837 ± 0.375	4.46 ± 0.418 JH	5.3 ± 0.793 JH	
East Equalization Pond	EP-36	Downgradient	8/6/2020	N	5.58	25.7	462	3920	<0.5	2720	10600	<0.0008	<0.002	0.025	<0.0003	<0.0003	<0.002	<0.003	<0.0003	1.18	<0.00008	<0.002	<0.002	<0.0005	0.649 ± 0.343	2.92 ± 0.645	3.57 ± 0.988	
East Equalization Pond	EP-36	Downgradient	2/24/2021	N	6.57	24.2	436	3830	<0.5	2490	10500	<0.0008	<0.002	0.0222	<0.0015	<0.0003	<0.002	<0.003	0.000386 J	1.17	<0.00008	<0.002	<0.002	<0.0005	0.686 ± 0.323	3.47 ± 0.385 B	4.15 ± 0.708 B	
East Equalization Pond	EP-36	Downgradient	8/18/2021	N	6.22	40.1 B	596	3900	<0.1	2520	8700	<0.00589	0.00972 J	0.0188	0.0013 J	<0.00243	<0.000811	0.00586 J	<0.00237	1.22	<0.0000263	0.00266 J	<0.00439	<0.00621	65.2 ± 23.9 JH	15.5 ± 25.5	80.7 ± 49.4 JH	
East Equalization Pond	EP-36	Downgradient	2/8/2022	N	6.24	28.5	423 B	3900	1.44 J	2730	10700	0.0617 J	<0.055	0.0152 J	<0.0049	<0.0243	<0.00811	<0.00673	<0.0237	1.23	<0.0000263	<0.0123	<0.0439	<0.0621	1.12	3.3 ± 0.882	4.42	
East Equalization Pond	EP-36	Downgradient	9/28/2022	N	6.31	22.9	497	2170	<1	1570	9060	<0.06	<0.048	0.0394 J	<0.0368	<0.026	<0.04	<0.0224	<0.0324	1.1	<0.00015	<0.052	<0.0328	<0.0184	0.72	4.53 ± 0.841	5.25	
East Equalization Pond	EP-36	Downgradient	2/21/2023	N	6.36	28.6	544	3530	<10	2610	9880	<0.00484	<0.00141	0.0274 J	<0.00137	<0.00109	<0.00765	<0.00131	<0.00188	1.18	<0.00013	<0.00305	<0.0037	<0.00236	0.37	4.27 ± 0.867	4.64	
East Equalization Pond	EP-36	Downgradient	9/6/2023	N	6.19	31.5	492	<2.5	<1	<2	9430	<0.0193	0.000458 J	0.0226	<0.000274	<0.000217	0.00155 J	<0.000261	<0.000376	1.18	<0.00013	<0.00061	<0.000739	<0.000472	0.54	3.06	3.06	
East Equalization Pond	EP-36	Downgradient	2/7/2024	N	6.59	36.2	501	3630	<8	2240 JH	8650	<0.000967	0.00038 J	0.023	<0.000274	<0.000217	<0.00153	<0.000261	<0.000376	1.17	<0.00013	<0.00061	0.00087 J	<0.000472	1.42	3.52 JH	4.94	
East Equalization Pond	EP-36	Downgradient	8/14/2024	N	6.32	40.1	555	3440 JH	<1	2420	9600	<0.0967	<0.0563	<0.314	<0.0274	<0.0217	<0.153	<0.0261	<0.0376	1.28	<0.00013	<0.061	<0.153	<0.0472	0.78	3.76 JH	4.54	
East Equalization Pond	EP-36	Downgradient	2/12/2025	N	-	42.4	509	3260	<10	2130	9440	<0.0075	<0.0069	0.0218 J	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	1.56	<0.0000706	<0.00255	<0.0059	<0.00415	0.96	3.93	4.89	
East Equalization Pond	EP-36	Downgradient	8/20/2025	N	-	44.7	473	3530	<1	2420 B	9120	<0.00375	<0.00345	0.0236	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.797	<0.0000706	<0.00128	<0.00295	<0.00208	90.1 JH	<61.7	90.1 JH	
East Equalization Pond	EP-37	Downgradient	5/24/2016	N	6.56	7.15	534	4270	<0.5	3130	11700	<0.004	0.0092 J	0.0412 J	<0.002	<0.002	<0.004	0.00318 J	<0.006	1.46	<0.00004	<0.006	<0.011	<0.002	0.89 ± 0.29	3.67 ± 0.96	4.56	
East Equalization Pond	EP-37	Downgradient	8/18/2016	N	6.3	9.47	479	4500	<0.5	3040	11300	<0.002	0.00233 J	0.0232 J	<0.001	<0.001	<0.002	<0.003	<0.001	1.64	<0.00004	<0.003	<0.0055	<0.001	0.65 ± 0.27	0.85 ± 0.45	1.5	
East Equalization Pond	EP-37	Downgradient	10/24/2016	N	6.47	7.48	518	4340	0.528 J	3010	11300	<0.004	<0.004	0.0259 J	<0.002	<0.002	<0.004	<0.002	<0.006	1.47	<0.00004	<0.006	<0.011	<0.002	0.68 ± 0.29	1.95 ± 0.66	2.63	
East Equalization Pond	EP-37	Downgradient	2/16/2017	N	6.06	7.52	540	4040	<0.5 J	2750	11500	<0.0008	0.00269 J	0.0263 J	<0.0003	<0.0003	<0.002	<0.003	0.000346 J	1.35	<0.00008	<0.002	<0.002 J	<0.0005	0.460 ± 0.294	3.13 ± 0.482	3.59	
East Equalization Pond	EP-37	Downgradient	3/22/2017	N	6.17	7.69	481	4190	<0.5	2850	12500	<0.0008	<0.002	0.0216	<0.0003	<0.0003	<0.002	<0.003	<0.0003	1.14 J-	<0.00008	<0.002	<0.002	<0.0005	0.753 ± 0.341	3.61 ± 0.518	4.36	
East Equalization Pond	EP-37	Downgradient	5/10/2017	N	6.34	7.24 J	500	4120	<0.1	2770	9840	<0.0008	<0.002	0.0219	<0.0003	<0.0003	<0.002	<0.003	<0.0003	1.37	<0.00008	<0.002	<0.002	<0.0005	1.09 ± 0.326	3.27 ± 0.409	4.36	
East Equalization Pond	EP-37	Downgradient	7/26/2017	N	6.32	6.72 J	491	4330	<0.5	2990	9240	<0.0008	<0.002	0.0218	<0.0003	<0.0003	<0.002	<0.003	<0.0003									

APPENDIX A
Cumulative Groundwater Analytical Results for CCR Monitoring Network Wells

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Analyte: Units:					Appendix III Constituents							Appendix IV Constituents															
					pH (field)	Boron	Calcium	Chloride	Fluoride*	Sulfate	TDS	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Lead	Lithium	Mercury	Molybdenum	Selenium	Thallium	Radium-226	Radium-228	Combined Radium
					SU	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	pCi/L	pCi/L	pCi/L
Area	Well ID	Well Type	Sample Date	Type																							
East Equalization Pond	MW-04	Downgradient	8/12/2020	N	5.42	8.42	320	1790	<0.5	2280	6430	<0.0008	<0.002	0.0131	<0.0003	<0.0003	<0.002	<0.003	<0.0003	0.735	<0.00008	<0.002	<0.002	<0.0005	1.14 ± 0.467	1.14 ± 0.607 JH	2.28 ± 1.07 JH
East Equalization Pond	MW-04	Downgradient	2/25/2021	N	6.46	8.63	326	1920	1.32 J	2330	6610	<0.0008	<0.002	0.0151	<0.0015	<0.0003	<0.002	<0.003	0.000806 J	0.766	<0.00008	<0.01	<0.002	<0.0005	0.545 ± 0.298	4.96 ± 0.586 B	5.5 ± 0.884 B
East Equalization Pond	MW-04	Downgradient	8/18/2021	N	6.22	8.62 B	445	1690	0.122 J	2400	6220	<0.00589	<0.0055	0.017 JH	0.00138 J	<0.00243	<0.000811	0.00357 JH	<0.00237	0.789	<0.0000263	0.00337 J	<0.00439	<0.00621	36 ± 19.3 JH	17.5 ± 28.3	53.5 ± 47.6 JH
East Equalization Pond	MW-04	Downgradient	2/8/2022	N	6.15	7.31	285 B	1710	0.215 JH	2550	7300	<0.0589	<0.055	<0.0135	<0.0049	<0.0243	<0.00811	<0.00673	<0.0237	0.663	<0.0000263	<0.0123	<0.0439	<0.0621	0.86	3.06 ± 0.846	3.92
East Equalization Pond	MW-04	Downgradient	9/28/2022	N	6.2	8.78	299	1570	<1	2310	5660	<0.0075 J	<0.006	<0.0035	<0.0046	<0.00325	0.00565 J	<0.0028	<0.00405	0.771	<0.00015	<0.0065	0.00858	<0.0023	0.39	2.58 ± 0.592	2.97
East Equalization Pond	MW-04	Downgradient	2/21/2023	N	6.14	12.4	356	1620	<10	2330	5940	<0.00484	<0.00141	<0.0157	<0.00137	<0.00109	<0.00765	<0.00131	<0.00188	0.775	<0.00013	<0.00305	<0.0037	<0.00236	0.7	2.14 ± 0.616 JH	2.84
East Equalization Pond	MW-04	Downgradient	9/6/2023	N	6.01	11.6	321	1400	<0.1	2040	6330	<0.0193	0.000616 J	0.0123	<0.000274	<0.000217	<0.00153	0.000834	<0.000376	0.695	<0.00013	0.00226 J	<0.000739	<0.000472	<0.15	2.45	2.45
East Equalization Pond	MW-04	Downgradient	2/7/2024	N	5.99	7.71	316	1650	<8	2160 JL	5930	<0.000967	<0.000282	0.0112	<0.000274	<0.000217	<0.00153	0.000651	<0.000376	0.662	<0.00013	0.00267 J	<0.000739	<0.000472	<0.39	2.09	2.09
East Equalization Pond	MW-04	Downgradient	8/14/2024	N	6.2	12.7	320	1580 JH	<1	2240	5530	<0.0967	<0.0563	<0.314	<0.0274	<0.0217	<0.153	<0.0261	<0.0376	0.81	<0.00013	<0.061	<0.153	<0.0472	<0.18	8.14	8.14
East Equalization Pond	MW-04	Downgradient	2/12/2025	N	-	12.5	270	1430	<10	1940	5790	<0.0075	<0.0069	<0.0134	<0.00271	<0.0024	<0.0056	<0.00355	<0.00367	0.964	<0.0000706	0.00286 J	<0.059	<0.00415	0.66	2.07	2.73
East Equalization Pond	MW-04	Downgradient	8/20/2025	N	-	11.5	270	1570	<1	2320 B	6270	<0.00375	<0.00345	0.0114 J	<0.00136	<0.0012	<0.0028	<0.00178	<0.00184	0.521	<0.0000706	0.00221 J	<0.00295	<0.00208	30.4 JH	<55	30.4 JH

- Notes:
1. This table includes cumulative groundwater monitoring results (Appendix III and IV) from all CCR groundwater monitoring network wells.
 2. Fluoride is included in both Appendix III and Appendix IV analyte lists.
 3. TDS = Total Dissolved Solids; mg/L = milligrams per liter; SU = standard units; SDL = sample detection limit; RL = reporting limit.
 4. N = normal sample; Dup = field duplicate; "U or <" = not detected at the SDL; J = analyte detected between the SDL and RL.
 5. B = analyte detected in method blank; JH or J+ = estimated result is biased high; JL or J- = estimated result is biased low; UJ = analyte was analyzed for but was not detected above the reported SDL, the associated value is an estimate and may be inaccurate or imprecise; Dash ("-") = not available or not applicable.
 6. *2 = calibration blank is outside acceptance limits; E = result exceeded calibration range; G = sample minimum detectable concentration is greater than the requested RL; F1 = MS and/or MSD recovery exceeds control limits.

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Appendix B. Data Usability Summaries and Laboratory Analytical Reports

Appendix B.1 Data Usability Summaries – February 2025

Appendix B.2 Data Usability Summaries – August 2025

Appendix B.3 Laboratory NELAP Accreditation

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Appendix B.1 Data Usability Summaries – February 2025

DATA USABILITY SUMMARY

February 2025 Sampling Event (Job ID: 860-93695-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **seven groundwater samples collected at the Ash Pile on 12 February 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). GSI certifies that at the time the laboratory data were generated for the project, EET HOU was National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU's NELAP certificate applicable to the period during which the laboratory generated the data in this report is included as Attachment A. No radiochemistry analyses were performed because the Ash Pile is in detection monitoring.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 6020A - Metals (Inductively Coupled Plasma (ICP)/Mass Spectrometry)
- Method 300.0 – Anions, Ion Chromatography
- Method SM2320B - Alkalinity
- Method SM2540C - Total Dissolved Solids (TDS)

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

¹ Five samples plus one field duplicate and one field blank.

INTRODUCTION

Seven (7) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	MS/MSD		LCS/LCSD		Lab Dup RPD	Field Precision RPD
	% R	RPD	% R	RPD		
Metals	75 – 125	20	80 – 120	20	-	≤ 30%
Inorganic Anions	90 – 110	15	90 – 110	20	-	≤ 30%
Alkalinity	-	-	85 – 115	20	20	≤ 30%
Total Dissolved Solids (TDS)	-	-	80 – 120	-	-	≤ 30%

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times, with exceptions noted below. Items related to the C-O-C are also listed below.

- The sample identified as Dup-01 on the C-O-C is a field duplicate of sample SP-02.

Items related to sample preparation are listed below.

- Samples SP-34, SP-01, SP-02, SP-03, SP-32, and Dup-01 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples SP-34, SP-01, SP-02, SP-03, SP-32, and Dup-01 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

The following issues were noted with the laboratory calibrations in the LCN or lab report:

- For Method 300.0, the continuing calibration blank (CCB) for analytical batch 860-217269 contained Sulfate greater than the MDL, and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the CCB.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues with the method blanks were noted in the LCN or during review of the laboratory data package.

Field Blanks

The following issues were noted with the blank collected in the field:

- Boron, Chloride, and Sulfate were detected in the Field Blank at concentrations above the MDL. The field blank sample (FB-01) consists of distilled water that is exposed to ambient air on the day of sample collection. All field samples collected contained concentrations of Boron, Chloride, and Sulfate that were greater than 5X the associated field blank concentration and did not require qualifiers.

Finding: No qualifiers were added per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

No issues were noted with the Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries in the LCN or lab report.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- By Method 300.0, the recoveries for analytical batch 217269 analyzed using sample FB-01 were outside control limits for Chloride (MS), Fluoride (MSD) and Sulfate (MS/MSD). Recovery of Chloride in the MS sample was 111%, above the desired range of 90-110%. Recovery of Fluoride in the MSD sample was 125%, above the desired range of 90-110%. Recoveries of Sulfate in the MS/MSD samples were 117%, above the desired range of 90-110%. Sample matrix interference and/or non-homogeneity are suspected because the associated LCS/LCSD recoveries were within acceptance limits. "JH" flags were given

to samples with detected results for Chloride, Fluoride, and Sulfate in the same analytical batch (SP-02, SP-03, SP-32, Dup-01, and FB-01).

- By Method 6020A, the recoveries for analytical batch 217788 and preparation batch 217342 analyzed using sample SP-34 were outside control limits for Magnesium (MS/MSD), Potassium (MS/MSD), Boron (MS/MSD), Calcium (MS/MSD) and Sodium (MS/MSD). Recoveries of Magnesium in the MS/MSD samples were 161% and 148%, respectively, above the desired range of 75-125%. Recoveries of Potassium in the MS/MSD samples were 139% and 132%, respectively, above the desired range of 75-125%. Recoveries of Boron in the MS/MSD samples were -392% and -497%, respectively, below the desired range of 75-125%. Recoveries of Calcium in the MS/MSD samples were 702% and 327%, respectively, above the desired range of 75-125%. Recoveries of Sodium in the MS/MSD samples were 2063% and 1180%, respectively, above the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated LCS/LCSD recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.

Finding: “JH” flags were given to the Chloride and Sulfate results for samples SP-02, SP-03, SP-32, Dup-01 and FB-01 and the Fluoride results for samples SP-03, SP-32.

Field Duplicates (Field Precision)

One field duplicate, identified as Dup-01, was collected with sample SP-02. Results indicate that RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes with concentrations less than five times the MQL for the majority of analyses. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: No qualifiers were added per this evaluation.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. In addition, qualifiers were added based on this review and evaluation (see Table 3).

REFERENCES

GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
02/12/2025	EET HOU	860-93695-1	SP-34	Water
02/12/2025	EET HOU	860-93695-2	SP-01	Water
02/12/2025	EET HOU	860-93695-3	SP-02	Water
02/12/2025	EET HOU	860-93695-4	SP-03	Water
02/12/2025	EET HOU	860-93695-5	SP-32	Water
02/12/2025	EET HOU	860-93695-6	DUP-01	Water
02/12/2025	EET HOU	860-93695-7	FB-01	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas

TABLE 2
Field Duplicate Detections

Analyte	MDL (mg/L)	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference (RPD)
Chloride	2.50	2750	2770	0.7
Fluoride	1.00	<1.00	<1.00	0.0
Sulfate	2.00	2120	2120	0.0
Boron	0.401	12.7	14.4	12.5
Calcium	3.01	910	812	11.4
Magnesium	0.164	36.2	37.4	3.3
Sodium	5.64	1720	1840	6.7
Potassium	0.220	41.2	43.3	5.0
Total Alkalinity	4.00	49.2	49.0	0.4
Bicarbonate Alkalinity as CaCO ₃	4.00	49.2	49.0	0.4
Carbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Hydroxide Alkalinity	4.00	<4.00	<4.00	0.0
Total Dissolved Solids	100	8120	8080	0.5

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. < = analyte not detected at the stated limit; J = result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value
5. CaCO₃: Calcium carbonate

TABLE 3
Qualifiers Added During Data Usability Review

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
SP-02	Chloride	2750	mg/L	JH	MS %R above specifications	217269	860-93695-1
SP-02	Sulfate	2120	mg/L	JH	MS/MSD %R above specifications	217269	860-93695-1
SP-03	Chloride	4850	mg/L	JH	MS %R above specifications	217269	860-93695-1
SP-03	Fluoride	1.83 J	mg/L	JH	MSD %R above specifications	217269	860-93695-1
SP-03	Sulfate	2610	mg/L	JH	MS/MSD %R above specifications	217269	860-93695-1
SP-32	Chloride	2420	mg/L	JH	MS %R above specifications	217269	860-93695-1
SP-32	Fluoride	7.56	mg/L	JH	MSD %R above specifications	217269	860-93695-1
SP-32	Sulfate	6340	mg/L	JH	MS/MSD %R above specifications	217269	860-93695-1
Dup-01	Chloride	2770	mg/L	JH	MS %R above specifications	217269	860-93695-1
Dup-01	Sulfate	2120	mg/L	JH	MSD %R above specifications	217269	860-93695-1
FB-01	Chloride	0.289 J F1	mg/L	JH	MS %R above specifications	217269	860-93695-1
FB-01	Sulfate	0.252 J F1	mg/L	JH	MSD %R above specifications	217269	860-93695-1

Notes:

1. mg/L: milligrams per liter
2. J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
3. F1: MS and/or MSD recovery exceeds control limits
4. JH: estimated value, biased high
5. MS/MSD: matrix spike/matrix spike duplicate
6. %R: percent recovery

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 01/28/2025
Expiration Date: 06/30/2025
Certificate ID: TX-C25-00028

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/28/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-93695-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 2/24/2025 1:33:31 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op
Ash Pile

JOB NUMBER

860-93695-1

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
2/24/2025 1:33:31 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	7
Client Sample Results	9
QC Sample Results	13
QC Association Summary	21
Lab Chronicle	24
Certification Summary	27
Method Summary	28
Sample Summary	29
Chain of Custody	30
Receipt Checklists	31

Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Qualifiers

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.

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.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93695-1

Job ID: 860-93695-1

Eurofins Houston

Job Narrative 860-93695-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/13/2025 9:39 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 3.2°C.

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SP-34 (860-93695-1) and SP-01 (860-93695-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-217269 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 following samples were diluted to bring the concentration of target analytes within the calibration range: SP-02 (860-93695-3), SP-03 (860-93695-4), SP-32 (860-93695-5) and Dup-01 (860-93695-6). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-217269 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 reported.

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

Metals

Method 6020A: The following sample was diluted due to the nature of the sample matrix: SP-34 (860-93695-1). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-217342 and analytical batch 860-217788 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: SP-34 (860-93695-1) and Dup-01 (860-93695-6). Elevated reporting limits (RLs) are provided.

Method 6020A: Due to the high concentration of Boron, Calcium and Sodium, the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 860-217342 and analytical batch 860-217788 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: SP-01 (860-93695-2), SP-02 (860-93695-3), SP-03 (860-93695-4) and SP-32 (860-93695-5). 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.

General Chemistry

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

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93695-1

Job ID: 860-93695-1 (Continued)

Eurofins Houston

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: SP-34

Lab Sample ID: 860-93695-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2100		50.0	25.0	mg/L	100			300.0	Total/NA
Sulfate	2700		50.0	20.0	mg/L	100			300.0	Total/NA
Boron	13.0		0.500	0.200	mg/L	50			6020A	Total/NA
Calcium	625		5.00	1.50	mg/L	50			6020A	Total/NA
Magnesium	67.8		1.00	0.164	mg/L	10			6020A	Total/NA
Sodium	1430		5.00	2.82	mg/L	50			6020A	Total/NA
Potassium	31.7		1.00	0.220	mg/L	10			6020A	Total/NA
Total Dissolved Solids	7630		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: SP-01

Lab Sample ID: 860-93695-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2980		50.0	25.0	mg/L	100			300.0	Total/NA
Fluoride	15.2	J	50.0	10.0	mg/L	100			300.0	Total/NA
Sulfate	6560		50.0	20.0	mg/L	100			300.0	Total/NA
Boron	8.14		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	665		10.0	3.01	mg/L	100			6020A	Total/NA
Magnesium	263		1.00	0.164	mg/L	10			6020A	Total/NA
Sodium	3030		10.0	5.64	mg/L	100			6020A	Total/NA
Potassium	15.6		1.00	0.220	mg/L	10			6020A	Total/NA
Total Dissolved Solids	16000		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: SP-02

Lab Sample ID: 860-93695-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2750		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	2120		5.00	2.00	mg/L	10			300.0	Total/NA
Boron	12.7		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	910		10.0	3.01	mg/L	100			6020A	Total/NA
Magnesium	36.2		1.00	0.164	mg/L	10			6020A	Total/NA
Sodium	1720		10.0	5.64	mg/L	100			6020A	Total/NA
Potassium	41.2		1.00	0.220	mg/L	10			6020A	Total/NA
Total Alkalinity	49.2		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	49.2		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	8120		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: SP-03

Lab Sample ID: 860-93695-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	4850		5.00	2.50	mg/L	10			300.0	Total/NA
Fluoride	1.83	J	5.00	1.00	mg/L	10			300.0	Total/NA
Sulfate	2610		5.00	2.00	mg/L	10			300.0	Total/NA
Boron	8.28		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	1040		10.0	3.01	mg/L	100			6020A	Total/NA
Magnesium	106		10.0	1.64	mg/L	100			6020A	Total/NA
Sodium	3120		10.0	5.64	mg/L	100			6020A	Total/NA
Potassium	59.1		1.00	0.220	mg/L	10			6020A	Total/NA
Total Dissolved Solids	12400		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: SP-32

Lab Sample ID: 860-93695-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2420		5.00	2.50	mg/L	10			300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: SP-32 (Continued)

Lab Sample ID: 860-93695-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Fluoride	7.56		5.00	1.00	mg/L	10			300.0	Total/NA
Sulfate - DL	6340		50.0	20.0	mg/L	100			300.0	Total/NA
Boron	9.23		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	609		10.0	3.01	mg/L	100			6020A	Total/NA
Magnesium	157		1.00	0.164	mg/L	10			6020A	Total/NA
Sodium	2350		10.0	5.64	mg/L	100			6020A	Total/NA
Potassium	16.1		1.00	0.220	mg/L	10			6020A	Total/NA
Total Dissolved Solids	12000		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: Dup-01

Lab Sample ID: 860-93695-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2770		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	2120		5.00	2.00	mg/L	10			300.0	Total/NA
Boron	14.4		0.500	0.200	mg/L	50			6020A	Total/NA
Calcium	812		5.00	1.50	mg/L	50			6020A	Total/NA
Magnesium	37.4		1.00	0.164	mg/L	10			6020A	Total/NA
Sodium	1840		5.00	2.82	mg/L	50			6020A	Total/NA
Potassium	43.3		1.00	0.220	mg/L	10			6020A	Total/NA
Total Alkalinity	49.0		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	49.0		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	8080		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FB-01

Lab Sample ID: 860-93695-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	0.289	J F1	0.500	0.250	mg/L	1			300.0	Total/NA
Sulfate	0.252	J F1	0.500	0.200	mg/L	1			300.0	Total/NA
Boron	0.0101		0.0100	0.00401	mg/L	1			6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: SP-34

Lab Sample ID: 860-93695-1

Date Collected: 02/12/25 11:45

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		50.0	25.0	mg/L			02/17/25 21:04	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 21:04	100
Sulfate	2700		50.0	20.0	mg/L			02/17/25 21:04	100

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	13.0		0.500	0.200	mg/L		02/18/25 13:00	02/19/25 19:25	50
Calcium	625		5.00	1.50	mg/L		02/18/25 13:00	02/19/25 19:25	50
Magnesium	67.8		1.00	0.164	mg/L		02/18/25 13:00	02/19/25 19:19	10
Sodium	1430		5.00	2.82	mg/L		02/18/25 13:00	02/19/25 19:25	50
Potassium	31.7		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 19:19	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:53	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:53	1
Total Dissolved Solids (SM 2540C)	7630		100	100	mg/L			02/19/25 08:57	1

Client Sample ID: SP-01

Lab Sample ID: 860-93695-2

Date Collected: 02/12/25 09:55

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		50.0	25.0	mg/L			02/17/25 21:26	100
Fluoride	15.2	J	50.0	10.0	mg/L			02/17/25 21:26	100
Sulfate	6560		50.0	20.0	mg/L			02/17/25 21:26	100

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	8.14		1.00	0.401	mg/L		02/18/25 08:30	02/19/25 22:57	100
Calcium	665		10.0	3.01	mg/L		02/18/25 08:30	02/19/25 22:57	100
Magnesium	263		1.00	0.164	mg/L		02/18/25 08:30	02/18/25 19:54	10
Sodium	3030		10.0	5.64	mg/L		02/18/25 08:30	02/19/25 22:57	100
Potassium	15.6		1.00	0.220	mg/L		02/18/25 08:30	02/18/25 19:54	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:27	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:27	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:27	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:27	1
Total Dissolved Solids (SM 2540C)	16000		100	100	mg/L			02/19/25 08:57	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: SP-02

Lab Sample ID: 860-93695-3

Date Collected: 02/12/25 11:10

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2750		5.00	2.50	mg/L			02/18/25 14:30	10
Fluoride	1.00	U	5.00	1.00	mg/L			02/18/25 14:30	10
Sulfate	2120		5.00	2.00	mg/L			02/18/25 14:30	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	12.7		1.00	0.401	mg/L		02/18/25 08:30	02/19/25 23:01	100
Calcium	910		10.0	3.01	mg/L		02/18/25 08:30	02/19/25 23:01	100
Magnesium	36.2		1.00	0.164	mg/L		02/18/25 08:30	02/18/25 20:00	10
Sodium	1720		10.0	5.64	mg/L		02/18/25 08:30	02/19/25 23:01	100
Potassium	41.2		1.00	0.220	mg/L		02/18/25 08:30	02/18/25 20:00	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	49.2		4.00	4.00	mg/L			02/17/25 11:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	49.2		4.00	4.00	mg/L			02/17/25 11:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:37	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:37	1
Total Dissolved Solids (SM 2540C)	8120		100	100	mg/L			02/19/25 08:57	1

Client Sample ID: SP-03

Lab Sample ID: 860-93695-4

Date Collected: 02/12/25 10:30

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4850		5.00	2.50	mg/L			02/18/25 14:52	10
Fluoride	1.83	J	5.00	1.00	mg/L			02/18/25 14:52	10
Sulfate	2610		5.00	2.00	mg/L			02/18/25 14:52	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	8.28		1.00	0.401	mg/L		02/18/25 08:30	02/19/25 23:04	100
Calcium	1040		10.0	3.01	mg/L		02/18/25 08:30	02/19/25 23:04	100
Magnesium	106		10.0	1.64	mg/L		02/18/25 08:30	02/18/25 20:10	100
Sodium	3120		10.0	5.64	mg/L		02/18/25 08:30	02/19/25 23:04	100
Potassium	59.1		1.00	0.220	mg/L		02/18/25 08:30	02/18/25 20:07	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:15	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:15	1
Total Dissolved Solids (SM 2540C)	12400		100	100	mg/L			02/19/25 08:57	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: SP-32

Lab Sample ID: 860-93695-5

Date Collected: 02/12/25 09:10

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2420		5.00	2.50	mg/L			02/18/25 15:03	10
Fluoride	7.56		5.00	1.00	mg/L			02/18/25 15:03	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	6340		50.0	20.0	mg/L			02/18/25 15:08	100

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	9.23		1.00	0.401	mg/L		02/18/25 08:30	02/19/25 23:07	100
Calcium	609		10.0	3.01	mg/L		02/18/25 08:30	02/19/25 23:07	100
Magnesium	157		1.00	0.164	mg/L		02/18/25 08:30	02/18/25 20:13	10
Sodium	2350		10.0	5.64	mg/L		02/18/25 08:30	02/19/25 23:07	100
Potassium	16.1		1.00	0.220	mg/L		02/18/25 08:30	02/18/25 20:13	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:41	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:41	1
Total Dissolved Solids (SM 2540C)	12000		100	100	mg/L			02/19/25 08:57	1

Client Sample ID: Dup-01

Lab Sample ID: 860-93695-6

Date Collected: 02/12/25 09:30

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2770		5.00	2.50	mg/L			02/18/25 15:14	10
Fluoride	1.00	U	5.00	1.00	mg/L			02/18/25 15:14	10
Sulfate	2120		5.00	2.00	mg/L			02/18/25 15:14	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	14.4		0.500	0.200	mg/L		02/18/25 13:00	02/19/25 19:48	50
Calcium	812		5.00	1.50	mg/L		02/18/25 13:00	02/19/25 19:48	50
Magnesium	37.4		1.00	0.164	mg/L		02/18/25 13:00	02/19/25 19:38	10
Sodium	1840		5.00	2.82	mg/L		02/18/25 13:00	02/19/25 19:48	50
Potassium	43.3		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 19:38	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	49.0		4.00	4.00	mg/L			02/17/25 11:29	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	49.0		4.00	4.00	mg/L			02/17/25 11:29	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:29	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:29	1
Total Dissolved Solids (SM 2540C)	8080		100	100	mg/L			02/19/25 08:57	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: FB-01

Lab Sample ID: 860-93695-7

Date Collected: 02/12/25 10:40

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.289	J F1	0.500	0.250	mg/L			02/18/25 15:25	1
Fluoride	0.100	U F1	0.500	0.100	mg/L			02/18/25 15:25	1
Sulfate	0.252	J F1	0.500	0.200	mg/L			02/18/25 15:25	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0101		0.0100	0.00401	mg/L		02/19/25 10:00	02/20/25 20:19	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 10:00	02/20/25 20:19	1
Magnesium	0.164	U	1.00	0.164	mg/L		02/19/25 10:00	02/20/25 03:46	10
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 10:00	02/20/25 20:19	1
Potassium	0.220	U	1.00	0.220	mg/L		02/19/25 10:00	02/20/25 03:46	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:34	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:34	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:34	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:34	1
Total Dissolved Solids (SM 2540C)	5.00	U	5.00	5.00	mg/L			02/19/25 08:57	1

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-217020/3

Matrix: Water

Analysis Batch: 217020

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			02/17/25 10:13	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 10:13	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 10:13	1

Lab Sample ID: MB 860-217020/45

Matrix: Water

Analysis Batch: 217020

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			02/17/25 16:47	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 16:47	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 16:47	1

Lab Sample ID: LCS 860-217020/46

Matrix: Water

Analysis Batch: 217020

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	10.07		mg/L		101	90 - 110
Fluoride	10.0	10.75		mg/L		108	90 - 110
Sulfate	10.0	10.12		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-217020/47

Matrix: Water

Analysis Batch: 217020

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	10.13		mg/L		101	90 - 110	1	20
Fluoride	10.0	10.83		mg/L		108	90 - 110	1	20
Sulfate	10.0	10.19		mg/L		102	90 - 110	1	20

Lab Sample ID: LLCS 860-217020/7

Matrix: Water

Analysis Batch: 217020

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	0.6089		mg/L		122	50 - 150
Fluoride	0.500	0.4827	J	mg/L		97	50 - 150
Sulfate	0.500	0.5721		mg/L		114	50 - 150

Lab Sample ID: 860-93695-1 MS

Matrix: Water

Analysis Batch: 217020

Client Sample ID: SP-34

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2100		1000	3040		mg/L		94	90 - 110
Fluoride	10.0	U	1000	1011		mg/L		101	90 - 110
Sulfate	2700		1000	3610		mg/L		91	90 - 110

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-93695-1 MSD

Matrix: Water

Analysis Batch: 217020

Client Sample ID: SP-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	2100		1000	3041		mg/L		94	90 - 110	0	15
Fluoride	10.0	U	1000	1010		mg/L		101	90 - 110	0	15
Sulfate	2700		1000	3612		mg/L		91	90 - 110	0	15

Lab Sample ID: MB 860-217269/27

Matrix: Water

Analysis Batch: 217269

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			02/18/25 12:41	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/18/25 12:41	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/18/25 12:41	1

Lab Sample ID: MB 860-217269/71

Matrix: Water

Analysis Batch: 217269

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			02/18/25 16:47	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/18/25 16:47	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/18/25 16:47	1

Lab Sample ID: LCS 860-217269/28

Matrix: Water

Analysis Batch: 217269

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	9.951		mg/L		100	90 - 110
Fluoride	10.0	10.63		mg/L		106	90 - 110
Sulfate	10.0	10.00		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-217269/29

Matrix: Water

Analysis Batch: 217269

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	10.05		mg/L		100	90 - 110	1	20
Fluoride	10.0	10.73		mg/L		107	90 - 110	1	20
Sulfate	10.0	10.10		mg/L		101	90 - 110	1	20

Lab Sample ID: LLCS 860-217269/75

Matrix: Water

Analysis Batch: 217269

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	0.6261		mg/L		125	50 - 150
Fluoride	0.500	0.5007		mg/L		100	50 - 150
Sulfate	0.500	0.5892		mg/L		118	50 - 150

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-93695-7 MS

Matrix: Water

Analysis Batch: 217269

Client Sample ID: FB-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.289	J F1	10.0	11.39	F1	mg/L		111	90 - 110
Fluoride	0.100	U F1	10.0	10.98		mg/L		110	90 - 110
Sulfate	0.252	J F1	10.0	11.99	F1	mg/L		117	90 - 110

Lab Sample ID: 860-93695-7 MSD

Matrix: Water

Analysis Batch: 217269

Client Sample ID: FB-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	0.289	J F1	10.0	11.31		mg/L		110	90 - 110	1	15
Fluoride	0.100	U F1	10.0	12.46	F1	mg/L		125	90 - 110	13	15
Sulfate	0.252	J F1	10.0	11.94	F1	mg/L		117	90 - 110	0	15

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-217248/1-A

Matrix: Water

Analysis Batch: 217501

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	0.0301	U	0.100	0.0301	mg/L		02/18/25 08:30	02/18/25 19:27	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/18/25 08:30	02/18/25 19:27	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/18/25 08:30	02/18/25 19:27	1

Lab Sample ID: MB 860-217248/1-A

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		02/18/25 08:30	02/19/25 21:59	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/18/25 08:30	02/19/25 21:59	1

Lab Sample ID: LCS 860-217248/2-A

Matrix: Water

Analysis Batch: 217501

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	2.50	2.374		mg/L		95	80 - 120
Magnesium	2.50	2.449		mg/L		98	80 - 120
Potassium	1.00	0.9510		mg/L		95	80 - 120

Lab Sample ID: LCS 860-217248/2-A

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09320		mg/L		93	80 - 120
Sodium	2.50	2.464		mg/L		99	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

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

Lab Sample ID: LCSD 860-217248/3-A
Matrix: Water
Analysis Batch: 217501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217248

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Calcium	2.50	2.370		mg/L		95	80 - 120	0		20
Magnesium	2.50	2.459		mg/L		98	80 - 120	0		20
Potassium	1.00	0.9539		mg/L		95	80 - 120	0		20

Lab Sample ID: LCSD 860-217248/3-A
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217248

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Boron	0.100	0.09528		mg/L		95	80 - 120	2		20
Sodium	2.50	2.435		mg/L		97	80 - 120	1		20

Lab Sample ID: MB 860-217342/1-A
Matrix: Water
Analysis Batch: 217788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217342

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Boron	0.00401	U	0.0100	0.00401	mg/L		02/18/25 13:00	02/19/25 19:13	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/18/25 13:00	02/19/25 19:13	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/18/25 13:00	02/19/25 19:13	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/18/25 13:00	02/19/25 19:13	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/18/25 13:00	02/19/25 19:13	1

Lab Sample ID: LCS 860-217342/2-A
Matrix: Water
Analysis Batch: 217788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Boron	0.100	0.09598		mg/L		96	80 - 120			
Calcium	2.50	2.261		mg/L		90	80 - 120			
Magnesium	2.50	2.608		mg/L		104	80 - 120			
Sodium	2.50	2.608		mg/L		104	80 - 120			
Potassium	1.00	0.9858		mg/L		99	80 - 120			

Lab Sample ID: LCSD 860-217342/3-A
Matrix: Water
Analysis Batch: 217788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217342

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Boron	0.100	0.09837		mg/L		98	80 - 120	2		20
Calcium	2.50	2.233		mg/L		89	80 - 120	1		20
Magnesium	2.50	2.581		mg/L		103	80 - 120	1		20
Sodium	2.50	2.581		mg/L		103	80 - 120	1		20
Potassium	1.00	0.9745		mg/L		97	80 - 120	1		20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

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

Lab Sample ID: 860-93695-1 MS

Matrix: Water

Analysis Batch: 217788

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 217342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	67.8		2.50	71.85	4	mg/L		161	75 - 125
Potassium	31.7		1.00	33.12	4	mg/L		139	75 - 125

Lab Sample ID: 860-93695-1 MS

Matrix: Water

Analysis Batch: 217788

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 217342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	13.0		0.100	12.57	4	mg/L		-392	75 - 125
Calcium	625		2.50	642.7	4	mg/L		702	75 - 125
Sodium	1430		2.50	1483	4	mg/L		2063	75 - 125

Lab Sample ID: 860-93695-1 MSD

Matrix: Water

Analysis Batch: 217788

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 217342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	67.8		2.50	71.52	4	mg/L		148	75 - 125	0	20
Potassium	31.7		1.00	33.05	4	mg/L		132	75 - 125	0	20

Lab Sample ID: 860-93695-1 MSD

Matrix: Water

Analysis Batch: 217788

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 217342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	13.0		0.100	12.47	4	mg/L		-497	75 - 125	1	20
Calcium	625		2.50	633.3	4	mg/L		327	75 - 125	1	20
Sodium	1430		2.50	1461	4	mg/L		1180	75 - 125	1	20

Lab Sample ID: MB 860-217225/1-B

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/19/25 10:00	02/20/25 01:38	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/19/25 10:00	02/20/25 01:38	1

Lab Sample ID: MB 860-217225/1-B

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		02/19/25 10:00	02/20/25 19:39	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 10:00	02/20/25 19:39	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 10:00	02/20/25 19:39	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

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

Lab Sample ID: LCS 860-217225/2-B

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	2.50	2.593		mg/L		104	80 - 120
Potassium	1.00	1.017		mg/L		102	80 - 120

Lab Sample ID: LCS 860-217225/2-B

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09994		mg/L		100	80 - 120
Calcium	2.50	2.297		mg/L		92	80 - 120
Sodium	2.50	2.523		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-217225/3-B

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	2.50	2.550		mg/L		102	80 - 120	2	20
Potassium	1.00	1.002		mg/L		100	80 - 120	2	20

Lab Sample ID: LCSD 860-217225/3-B

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.09948		mg/L		99	80 - 120	0	20
Calcium	2.50	2.291		mg/L		92	80 - 120	0	20
Sodium	2.50	2.537		mg/L		101	80 - 120	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-217127/3

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1

Lab Sample ID: MB 860-217127/31

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 860-217127/32
Matrix: Water
Analysis Batch: 217127

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	242.1		mg/L		97	85 - 115

Lab Sample ID: LCS 860-217127/4
Matrix: Water
Analysis Batch: 217127

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	239.4		mg/L		96	85 - 115

Lab Sample ID: LCSD 860-217127/33
Matrix: Water
Analysis Batch: 217127

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
Total Alkalinity	250	241.4		mg/L		97	85 - 115	0	20

Lab Sample ID: LCSD 860-217127/5
Matrix: Water
Analysis Batch: 217127

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
Total Alkalinity	250	240.1		mg/L		96	85 - 115	0	20

Lab Sample ID: 860-93695-1 DU
Matrix: Water
Analysis Batch: 217127

Client Sample ID: SP-34
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	4.00	U	4.00	U	mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	U	mg/L		NC	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

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-217545/1
Matrix: Water
Analysis Batch: 217545

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			02/19/25 08:56	1

Lab Sample ID: LCS 860-217545/2
Matrix: Water
Analysis Batch: 217545

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	861.0		mg/L		86	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LLCS 860-217545/3				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 217545							
Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	5.00	5.500		mg/L		110	50 - 150

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

HPLC/IC

Analysis Batch: 217020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-1	SP-34	Total/NA	Water	300.0	
860-93695-2	SP-01	Total/NA	Water	300.0	
MB 860-217020/3	Method Blank	Total/NA	Water	300.0	
MB 860-217020/45	Method Blank	Total/NA	Water	300.0	
LCS 860-217020/46	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-217020/47	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-217020/7	Lab Control Sample	Total/NA	Water	300.0	
860-93695-1 MS	SP-34	Total/NA	Water	300.0	
860-93695-1 MSD	SP-34	Total/NA	Water	300.0	

Analysis Batch: 217269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-3	SP-02	Total/NA	Water	300.0	
860-93695-4	SP-03	Total/NA	Water	300.0	
860-93695-5	SP-32	Total/NA	Water	300.0	
860-93695-5 - DL	SP-32	Total/NA	Water	300.0	
860-93695-6	Dup-01	Total/NA	Water	300.0	
860-93695-7	FB-01	Total/NA	Water	300.0	
MB 860-217269/27	Method Blank	Total/NA	Water	300.0	
MB 860-217269/71	Method Blank	Total/NA	Water	300.0	
LCS 860-217269/28	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-217269/29	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-217269/75	Lab Control Sample	Total/NA	Water	300.0	
860-93695-7 MS	FB-01	Total/NA	Water	300.0	
860-93695-7 MSD	FB-01	Total/NA	Water	300.0	

Metals

Filtration Batch: 217225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-217225/1-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 217248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-2	SP-01	Total/NA	Water	3010A	
860-93695-3	SP-02	Total/NA	Water	3010A	
860-93695-4	SP-03	Total/NA	Water	3010A	
860-93695-5	SP-32	Total/NA	Water	3010A	
MB 860-217248/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217248/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217248/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 217342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-1	SP-34	Total/NA	Water	3010A	
860-93695-6	Dup-01	Total/NA	Water	3010A	
MB 860-217342/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217342/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217342/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Metals (Continued)

Prep Batch: 217342 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-1 MS	SP-34	Total/NA	Water	3010A	
860-93695-1 MSD	SP-34	Total/NA	Water	3010A	

Analysis Batch: 217501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-2	SP-01	Total/NA	Water	6020A	217248
860-93695-3	SP-02	Total/NA	Water	6020A	217248
860-93695-4	SP-03	Total/NA	Water	6020A	217248
860-93695-4	SP-03	Total/NA	Water	6020A	217248
860-93695-5	SP-32	Total/NA	Water	6020A	217248
MB 860-217248/1-A	Method Blank	Total/NA	Water	6020A	217248
LCS 860-217248/2-A	Lab Control Sample	Total/NA	Water	6020A	217248
LCSD 860-217248/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217248

Prep Batch: 217600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-7	FB-01	Total/NA	Water	3010A	
MB 860-217225/1-B	Method Blank	Total/NA	Water	3010A	217225
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	3010A	217225
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	217225

Analysis Batch: 217788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-1	SP-34	Total/NA	Water	6020A	217342
860-93695-1	SP-34	Total/NA	Water	6020A	217342
860-93695-6	Dup-01	Total/NA	Water	6020A	217342
860-93695-6	Dup-01	Total/NA	Water	6020A	217342
MB 860-217342/1-A	Method Blank	Total/NA	Water	6020A	217342
LCS 860-217342/2-A	Lab Control Sample	Total/NA	Water	6020A	217342
LCSD 860-217342/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217342
860-93695-1 MS	SP-34	Total/NA	Water	6020A	217342
860-93695-1 MS	SP-34	Total/NA	Water	6020A	217342
860-93695-1 MSD	SP-34	Total/NA	Water	6020A	217342
860-93695-1 MSD	SP-34	Total/NA	Water	6020A	217342

Analysis Batch: 217789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-2	SP-01	Total/NA	Water	6020A	217248
860-93695-3	SP-02	Total/NA	Water	6020A	217248
860-93695-4	SP-03	Total/NA	Water	6020A	217248
860-93695-5	SP-32	Total/NA	Water	6020A	217248
860-93695-7	FB-01	Total/NA	Water	6020A	217600
MB 860-217225/1-B	Method Blank	Total/NA	Water	6020A	217600
MB 860-217248/1-A	Method Blank	Total/NA	Water	6020A	217248
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	6020A	217600
LCS 860-217248/2-A	Lab Control Sample	Total/NA	Water	6020A	217248
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	217600
LCSD 860-217248/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217248

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Metals

Analysis Batch: 217988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-7	FB-01	Total/NA	Water	6020A	217600
MB 860-217225/1-B	Method Blank	Total/NA	Water	6020A	217600
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	6020A	217600
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	217600

General Chemistry

Analysis Batch: 217127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-1	SP-34	Total/NA	Water	SM 2320B	
860-93695-2	SP-01	Total/NA	Water	SM 2320B	
860-93695-3	SP-02	Total/NA	Water	SM 2320B	
860-93695-4	SP-03	Total/NA	Water	SM 2320B	
860-93695-5	SP-32	Total/NA	Water	SM 2320B	
860-93695-6	Dup-01	Total/NA	Water	SM 2320B	
860-93695-7	FB-01	Total/NA	Water	SM 2320B	
MB 860-217127/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-217127/31	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-217127/32	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-217127/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-217127/33	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-217127/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-93695-1 DU	SP-34	Total/NA	Water	SM 2320B	

Analysis Batch: 217545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93695-1	SP-34	Total/NA	Water	SM 2540C	
860-93695-2	SP-01	Total/NA	Water	SM 2540C	
860-93695-3	SP-02	Total/NA	Water	SM 2540C	
860-93695-4	SP-03	Total/NA	Water	SM 2540C	
860-93695-5	SP-32	Total/NA	Water	SM 2540C	
860-93695-6	Dup-01	Total/NA	Water	SM 2540C	
860-93695-7	FB-01	Total/NA	Water	SM 2540C	
MB 860-217545/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-217545/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LLCS 860-217545/3	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: SP-34

Lab Sample ID: 860-93695-1

Date Collected: 02/12/25 11:45

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 21:04	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 19:19	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		50			217788	02/19/25 19:25	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 10:53	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217545	02/19/25 08:57	TR	EET HOU

Client Sample ID: SP-01

Lab Sample ID: 860-93695-2

Date Collected: 02/12/25 09:55

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 21:26	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217501	02/18/25 19:54	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217789	02/19/25 22:57	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:27	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217545	02/19/25 08:57	TR	EET HOU

Client Sample ID: SP-02

Lab Sample ID: 860-93695-3

Date Collected: 02/12/25 11:10

Matrix: Water

Date Received: 02/13/25 09:39

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		10			217269	02/18/25 14:30	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217501	02/18/25 20:00	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217789	02/19/25 23:01	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:37	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217545	02/19/25 08:57	TR	EET HOU

Client Sample ID: SP-03

Lab Sample ID: 860-93695-4

Date Collected: 02/12/25 10:30

Matrix: Water

Date Received: 02/13/25 09:39

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		10			217269	02/18/25 14:52	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217501	02/18/25 20:07	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217501	02/18/25 20:10	SHZ	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Client Sample ID: SP-03

Date Collected: 02/12/25 10:30

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93695-4

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	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217789	02/19/25 23:04	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:15	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217545	02/19/25 08:57	TR	EET HOU

Client Sample ID: SP-32

Date Collected: 02/12/25 09:10

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93695-5

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		10			217269	02/18/25 15:03	WP	EET HOU
Total/NA	Analysis	300.0	DL	100			217269	02/18/25 15:08	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217501	02/18/25 20:13	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217248	02/18/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217789	02/19/25 23:07	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:41	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217545	02/19/25 08:57	TR	EET HOU

Client Sample ID: Dup-01

Date Collected: 02/12/25 09:30

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93695-6

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	300.0		10			217269	02/18/25 15:14	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 19:38	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		50			217788	02/19/25 19:48	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:29	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217545	02/19/25 08:57	TR	EET HOU

Client Sample ID: FB-01

Date Collected: 02/12/25 10:40

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93695-7

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	300.0		1			217269	02/18/25 15:25	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 03:46	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217988	02/20/25 20:19	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:34	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	217545	02/19/25 08:57	TR	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

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	07-01-26

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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	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: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93695-1
SDG: Ash Pile

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-93695-1	SP-34	Water	02/12/25 11:45	02/13/25 09:39
860-93695-2	SP-01	Water	02/12/25 09:55	02/13/25 09:39
860-93695-3	SP-02	Water	02/12/25 11:10	02/13/25 09:39
860-93695-4	SP-03	Water	02/12/25 10:30	02/13/25 09:39
860-93695-5	SP-32	Water	02/12/25 09:10	02/13/25 09:39
860-93695-6	Dup-01	Water	02/12/25 09:30	02/13/25 09:39
860-93695-7	FB-01	Water	02/12/25 10:40	02/13/25 09:39

Stafford, TX 77477
Phone (281) 240-4200

[illegible]

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-93695-1

SDG Number: Ash Pile

Login Number: 93695

List Number: 1

Creator: Grandits, Corey

List Source: Eurofins Houston

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	

DATA USABILITY SUMMARY

February 2025 Sampling Event (Job ID: 860-93686-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **fourteen groundwater samples collected from the Ash Ponds on 12 February 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). The majority of analyses were conducted by EET HOU, while the Radium analyses were conducted by the Eurofins St. Louis, Missouri (EET SL) and Eurofins South Bend, Indiana (EA SB) laboratories. GSI certifies that at the time the laboratory data were generated for the project, EET HOU, EET SL, and EA SB were National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215, T104704193, and T104704187, respectively) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU, EET SL, and EA SB's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 300.0 – Anions, Ion Chromatography
- Method 6020A – Metals (Inductively Coupled Plasma [ICP]/Mass Spectrometry[MS])
- Method 7470A – Mercury (Cold Vapor Atomic Absorption [CVAA] Spectroscopy)
- Method SM2320B – Alkalinity
- Method SM2540C – Total Dissolved Solids (TDS)
- Method 904.0 – Radium-228 (GFPC)
- Method SM7500 Ra B – Radium-226

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and

¹ Eleven samples plus one field duplicate, one field blank and one equipment blank.

- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Fourteen (14) water samples were submitted to the laboratory, and all requested analyses were completed, with exceptions noted below. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

- Samples AP-31 and AP-32 were spilled and the laboratory was unable to analyze for Radium-226.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	MS/MSD		LCS/LCSD		Lab Dup RPD	Field Precision RPD
	% R	RPD/RER	% R	RPD		
Metals	75 – 125	20	80 – 120	20	-	≤ 30%
Inorganic Anions	90 – 110	15	90 – 110	20	-	≤ 30%
Alkalinity	-	-	85 – 115	20	20	≤ 30%
Total Dissolved Solids (TDS)	-	-	80 – 120	-	10	≤ 30%
Radium-228	60 – 140	1	75 – 125	-	-	≤ 30%
Radium-226	80 – 120	1	90 – 110	-	-	≤ 30%

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times, with exceptions noted below. Items related to the C-O-C are also listed below.

- The sample identified as Dup-02 on the C-O-C is a field duplicate of sample MW-03.

Items related to sample preparation are listed below.

- Samples PZ-02, PZ-03, AP-31, AP-32, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06 and Dup-02 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples PZ-02, PZ-03, AP-31, AP-32, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06 and Dup-02 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

The following issues were noted with the laboratory calibrations in the LCN or lab report:

- For Method 300.0, the continuing calibration blank (CCB) for analytical batch 860-216711 contained Sulfate greater than the MDL and were not reanalyzed because associated sample results were greater than 10X the value found in the CCB.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues were noted with the laboratory blanks in the LCN or lab report.

Field Blanks

The following issues were noted with the blank collected in the field:

- Sulfate, Boron, and Radium-226 were detected in the Field Blank at concentrations above the MDL. The field blank sample (FB-02) consists of distilled water that is exposed to ambient air on the day of sample collection. Most field samples collected contained concentrations of Sulfate, Boron, and Radium-226 that were greater than 5X the associated field blank concentration and did not require qualifiers. Samples PZ-02, PZ-03, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06 and Dup-02 were detected for concentrations of Radium-226 less than 5X the field blank concentration and were therefore given "JH" flags.
- Boron and Radium-226 were detected in the Equipment Blank at concentrations above the MDL. The equipment blank sample (EB-01) consists of distilled water that was poured over decontaminated non-dedicated sampling equipment. All field samples collected contained concentrations of Boron that were greater than 5X the associated equipment blank concentration and did not require qualifiers. PZ-02, PZ-03, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06 and Dup-02 were detected for concentrations of Radium-226 less than 5X the field blank concentration and were therefore given "JH" flags.

Finding: “JH” flags were given to the Radium-226 results for samples PZ-02, PZ-03, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06, and Dup-02 per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- The recoveries for preparation batch 217600 and analytical batch 217988 analyzed using sample PZ-03 were outside control limits for Boron (MS/MSD), Calcium (MS/MSD) and Sodium (MS/MSD). Recoveries of Boron in the MS/MSD samples were -442% and -1042%, respectively, below the desired range of 75-125%. Recoveries of Calcium in the MS/MSD samples were -1516% and -2052%, respectively, below the desired range of 75-125%. Recoveries of Sodium in the MS/MSD samples were -7132% and -9796%, respectively, below the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.
- The recoveries for preparation batch 217600 and analytical batch 217789 analyzed using sample PZ-03 were outside control limits for Cobalt (MSD), Potassium (MS/MSD) and Magnesium (MSD). Recovery of Cobalt in the MSD sample was 41%, below the desired range of 75-125%. Recoveries of Potassium in the MS/MSD samples were -25% and -12%, respectively, below the desired range of 75-125%. Recovery of Magnesium in the MSD samples was -237%, below the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.
- The recoveries for preparation batch 134082 and analytical batch 137083 analyzed using sample PZ-03 were outside control limits for Ra-226 (MS/MSD). Recoveries of Ra-226 in the MS/MSD samples were 42% and 28%, respectively, below the desired range of 80-120%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no additional qualifiers were added as part of this evaluation.

Findings: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

One field duplicate, identified as Dup-02, was collected with sample MW-03. Results indicate that, RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes with concentrations less than five times the MQL. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: No qualifiers were added per this evaluation.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. In addition, qualifiers were added based on this review and evaluation (see Table 3).

REFERENCES

GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rq/rq-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-1	PZ-02	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-2	PZ-03	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-3	AP-31	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-4	AP-32	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-5	AP-33	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-6	AP-34	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-7	AP-35	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-8	AP-36	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-9	MW-03	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-10	PZ-05	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-11	PZ-06	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-12	Dup-02	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-13	FB-02	Water
02/12/2025	EET HOU/ EET SL/EA SB	860-93686-14	EB-02	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas; EET SL: Eurofins St. Louis, Earth City, Missouri; EA SB: Eurofins Eaton South Bend, South Bend, Indiana

TABLE 2
Field Duplicate Detections

Analyte	MDL (mg/L)	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference (RPD)
Antimony	0.00375	<0.00375	<0.0075	0.0
Arsenic	0.00069	0.0146	0.0181 J	21.4
Barium	0.00671	0.0125 J	<0.0134	6.9
Beryllium	0.00136	0.0255	0.0236	7.7
Bicarbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Boron	2.00	10.3	12.5	19.3
Cadmium	0.0012	0.0429	0.0436	1.6
Calcium	15.0	531	476	10.9
Carbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Chloride	2.50	2340	2050	13.2
Chromium	0.0028	0.0183 J	0.0163 J	11.6
Cobalt	0.00178	0.304	0.302	0.7
Fluoride	1.00	1.65 J	1.41 J	15.7
Hydroxide Alkalinity	4.00	<4.00	<4.00	0.0
Lead	0.00184	<0.00184	<0.00367	0.0
Lithium	0.0174	1.32	1.4	5.9
Magnesium	0.819	105	95.1	9.9
Mercury	0.0000706	<0.0000706	<0.0000706	0.0
Molybdenum	0.00128	<0.00128	<0.00255	0.0
Potassium	0.110	37.9	33.8	11.4
Ra-226	0.330	0.900	0.470	62.8
Radium-228	0.717	4.55	4.63	1.7
Selenium	0.00295	0.169	0.163	3.6
Sodium	28.2	2160	2200	1.8
Sulfate	2.00	4440 ^2	3980 ^2	10.9
Thallium	0.00208	<0.00208	<0.00415	0.0
Total Alkalinity	4.00	<4.00	<4.00	0.0
Total Dissolved Solids	100	9380	8370	11.4

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. < = analyte not detected at the stated limit; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value; ^2 = calibration blank is outside acceptance limits
5. CaCO₃: Calcium carbonate

TABLE 3
Qualifiers Added During Data Usability Review

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
PZ-02	Radium-226	0.64	pCi/L	JH	Detected result within 5X field blank concentration	136941	860-93686-1
PZ-03	Radium-226	1.63	pCi/L	JH	Detected result within 5X field blank concentration	137080	860-93686-1
AP-33	Radium-226	0.42	pCi/L	JH	Detected result within 5X field blank concentration	137080	860-93686-1
AP-34	Radium-226	<0.20	pCi/L	JH	Detected result within 5X field blank concentration	136941	860-93686-1
AP-35	Radium-226	2.78	pCi/L	JH	Detected result within 5X field blank concentration	136941	860-93686-1
AP-36	Radium-226	<0.32	pCi/L	JH	Detected result within 5X field blank concentration	136941	860-93686-1
MW-03	Radium-226	0.90	pCi/L	JH	Detected result within 5X field blank concentration	137080	860-93686-1
PZ-05	Radium-226	0.46	pCi/L	JH	Detected result within 5X field blank concentration	136941	860-93686-1
PZ-06	Radium-226	0.74	pCi/L	JH	Detected result within 5X field blank concentration	136941	860-93686-1
Dup-02	Radium-226	0.47	pCi/L	JH	Detected result within 5X field blank concentration	136941	860-93686-1

Notes:

1. mg/L: milligrams per liter; pCi/L: picocuries per liter
2. JH: estimated value, biased high

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 01/28/2025
Expiration Date: 06/30/2025
Certificate ID: TX-C25-00028

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/28/2025

TCEQ Accreditation Certificate
Eurofins St. Louis
State Lab ID: T104704193

Certificate ID: TX-C24-00256
Effective Date: 08/01/2024
Expiration Date: 07/31/2025



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2024
Expiration Date: 07/31/2025
Certificate ID: TX-C24-00256

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink that reads "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2024



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Eaton Analytical, LLC - South Bend
110 South Hill Street,
South Bend, IN 46617-2702

State Lab ID: T104704187
Effective Date: 01/01/2025
Expiration Date: 12/31/2025
Certificate ID: TX-C24-00386

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/01/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-93686-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 4/28/2025 5:12:58 PM Revision 1

JOB DESCRIPTION

San Miguel Electrical Co-Op
Ash Pond

JOB NUMBER

860-93686-1

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
4/28/2025 5:12:58 PM
Revision 1

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Detection Summary	9
Client Sample Results	14
Tracer Carrier Summary	31
QC Sample Results	32
QC Association Summary	53
Lab Chronicle	62
Certification Summary	69
Method Summary	71
Sample Summary	72
Chain of Custody	73
Receipt Checklists	79

Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Qualifiers

HPLC/IC

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.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
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
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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)

Eurofins Houston

Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Glossary (Continued)

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

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93686-1

Job ID: 860-93686-1

Eurofins Houston

Job Narrative 860-93686-1

REVISION

The report being provided is a revision of the original report sent on 3/18/2025. The report (revision 1) is being revised due to reanalysis required.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/13/2025 9:39 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 1.6°C, 2.0°C, 2.0°C, 2.9°C, 3.4°C and 3.9°C.

Receipt Exceptions

Both bottles spilled in transit. Method needs to be cancelled.

AP-31 (860-93686-3) and AP-32 (860-93686-4)

1 bottle spilled in transit. Proceed with analysis.

AP-35 (860-93686-7), AP-36 (860-93686-8) and Dup-02 (860-93686-12)

HPLC/IC

Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: PZ-02 (860-93686-1). 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: AP-31 (860-93686-3), AP-32 (860-93686-4), AP-33 (860-93686-5), AP-34 (860-93686-6), AP-35 (860-93686-7), AP-36 (860-93686-8), MW-03 (860-93686-9), PZ-05 (860-93686-10), PZ-06 (860-93686-11) and Dup-02 (860-93686-12). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-216711 contained Sulfate greater than the reporting limit (RL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the CCB. The data have been qualified and reported.

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-216711 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 sample was diluted to bring the concentration of Chloride within the calibration range: PZ-03 (860-93686-2). 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 6020A: The following samples were diluted due to the nature of the sample matrix: PZ-02 (860-93686-1), AP-33 (860-93686-5), MW-03 (860-93686-9), PZ-06 (860-93686-11) and EB-01 (860-93686-14). Elevated reporting limits (RLs) are

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93686-1

Job ID: 860-93686-1 (Continued)

Eurofins Houston

provided.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: PZ-02 (860-93686-1), AP-33 (860-93686-5), MW-03 (860-93686-9) and PZ-06 (860-93686-11). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: AP-35 (860-93686-7), PZ-05 (860-93686-10) and Dup-02 (860-93686-12). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: AP-35 (860-93686-7), PZ-05 (860-93686-10) and Dup-02 (860-93686-12). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: AP-31 (860-93686-3) and AP-32 (860-93686-4). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-217600 and analytical batch 860-217789 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: AP-31 (860-93686-3) and AP-32 (860-93686-4). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: AP-31 (860-93686-3) and AP-32 (860-93686-4). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: AP-31 (860-93686-3) and AP-32 (860-93686-4). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-217600 and analytical batch 860-217988 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following sample was diluted to bring the concentration of target analytes within the calibration range: PZ-03 (860-93686-2). Elevated reporting limits (RLs) are provided.

Method 6020A: The following sample was diluted due to the nature of the sample matrix: PZ-02 (860-93686-1). Elevated reporting limits (RLs) are provided.

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

General Chemistry

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

Gas Flow Proportional Counter

Method 904.0: Radium 228 Batch 704938

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. PZ-02 (860-93686-1) and PZ-03 (860-93686-2)

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

Rad

Method SM7500_Ra_B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for <prep batch 134082> 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.

MSD sample had a high biased barium carrier recovery. Results may be low biased, but because result is less than the detection limit of 1pCi/L sample is unaffected. The barium carrier limits are 16.5-57.1mg. The sample barium precipitate is 66.5 mg.

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

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93686-1

Job ID: 860-93686-1 (Continued)

Eurofins Houston

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-02

Lab Sample ID: 860-93686-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3910		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2850		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.11		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0323	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Boron	7.99		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	855		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	0.00420	J	0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	46.6		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	120		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2490		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	109		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	109		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	13200		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: PZ-03

Lab Sample ID: 860-93686-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	5.72		5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3650		5.00	2.00	mg/L	10		300.0	Total/NA
Chloride - DL	6180		50.0	25.0	mg/L	100		300.0	Total/NA
Lithium	2.93		0.400	0.174	mg/L	10		6010D	Total/NA
Arsenic	0.0662		0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0228	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.278		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	11.3		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.532		0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	885		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	1.53		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	30.7		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	308		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	3770		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.573		0.0200	0.00590	mg/L	10		6020A	Total/NA
Thallium	0.00964	J	0.0200	0.00415	mg/L	10		6020A	Total/NA
Mercury	0.00228		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	15900		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-31

Lab Sample ID: 860-93686-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2550		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	1.00	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	2840	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.13		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0132	J	0.0400	0.00690	mg/L	10		6020A	Total/NA
Beryllium	0.0135	J	0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	71.6		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.00583	J	0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	667		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	0.272		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	11.9		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	76.5		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2070		10.0	5.64	mg/L	100		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-31 (Continued)

Lab Sample ID: 860-93686-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.120		0.0200	0.00590	mg/L	10		6020A	Total/NA
Mercury	0.000307		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	8290		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-32

Lab Sample ID: 860-93686-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2920		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	2.18	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3380	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.67		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0481		0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0200	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.0652		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	22.5		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.0737		0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	647		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	0.593		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	39.9		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	94.3		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2320		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.538		0.0200	0.00590	mg/L	10		6020A	Total/NA
Mercury	0.000960		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	9540		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-33

Lab Sample ID: 860-93686-5

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
Fluoride	6.31		5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3380	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.296		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0594		0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0188	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.298		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	50.2		5.00	2.00	mg/L	500		6020A	Total/NA
Cadmium	0.0818		0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	680		50.0	15.0	mg/L	500		6020A	Total/NA
Cobalt	1.09		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	26.2		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	176		50.0	8.19	mg/L	500		6020A	Total/NA
Sodium	2370		50.0	28.2	mg/L	500		6020A	Total/NA
Selenium	0.571		0.0100	0.00295	mg/L	5		6020A	Total/NA
Thallium	0.00530	J	0.0100	0.00208	mg/L	5		6020A	Total/NA
Mercury	0.00367		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	11700		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-34

Lab Sample ID: 860-93686-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2990		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	8.15		5.00	1.00	mg/L	10		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-34 (Continued)

Lab Sample ID: 860-93686-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	3300	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.789		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0556		0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0158	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.274		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	20.7		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.0174	J	0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	724		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	1.17		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	16.7		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	145		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	1760		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.671		0.0200	0.00590	mg/L	10		6020A	Total/NA
Mercury	0.00302		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	9790		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-35

Lab Sample ID: 860-93686-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2590		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	11.5		5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3390	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.02		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0180	J	0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0199	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.285		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	5.24		0.500	0.200	mg/L	50		6020A	Total/NA
Calcium	553		5.00	1.50	mg/L	50		6020A	Total/NA
Cobalt	0.0177	J	0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	52.0		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	176		5.00	0.819	mg/L	50		6020A	Total/NA
Sodium	1740		5.00	2.82	mg/L	50		6020A	Total/NA
Selenium	0.244		0.0200	0.00590	mg/L	10		6020A	Total/NA
Mercury	0.000253		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	9020		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-36

Lab Sample ID: 860-93686-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1770		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	1.10	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	2920	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.534		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.00691	J	0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0176	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.0118	J	0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	2.54		0.500	0.200	mg/L	50		6020A	Total/NA
Calcium	656		5.00	1.50	mg/L	50		6020A	Total/NA
Cobalt	0.0649		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	36.9		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	98.7		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	1350		5.00	2.82	mg/L	50		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-36 (Continued)

Lab Sample ID: 860-93686-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.0537		0.0200	0.00590	mg/L	10		6020A	Total/NA
Total Dissolved Solids	6510		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-03

Lab Sample ID: 860-93686-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2340		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	1.65	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	4440	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.32		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0146		0.00400	0.000690	mg/L	1		6020A	Total/NA
Barium	0.0125	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.0255		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	10.3		5.00	2.00	mg/L	500		6020A	Total/NA
Cadmium	0.0429		0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	531		50.0	15.0	mg/L	500		6020A	Total/NA
Chromium	0.0183	J	0.0200	0.00280	mg/L	5		6020A	Total/NA
Cobalt	0.304		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	37.9		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	105		5.00	0.819	mg/L	50		6020A	Total/NA
Sodium	2160		50.0	28.2	mg/L	500		6020A	Total/NA
Selenium	0.169		0.0100	0.00295	mg/L	5		6020A	Total/NA
Total Dissolved Solids	9380		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: PZ-05

Lab Sample ID: 860-93686-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2470		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	4.36	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3120	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.361		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0404		0.0400	0.00690	mg/L	10		6020A	Total/NA
Beryllium	0.208		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	26.4		0.500	0.200	mg/L	50		6020A	Total/NA
Cadmium	0.0632		0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	569		5.00	1.50	mg/L	50		6020A	Total/NA
Cobalt	0.936		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	19.5		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	121		5.00	0.819	mg/L	50		6020A	Total/NA
Sodium	1770		5.00	2.82	mg/L	50		6020A	Total/NA
Selenium	0.478		0.0200	0.00590	mg/L	10		6020A	Total/NA
Mercury	0.000139	J	0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	8610		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: PZ-06

Lab Sample ID: 860-93686-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2440		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	1.01	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	2970	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.596		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0237		0.0200	0.00671	mg/L	5		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-06 (Continued)

Lab Sample ID: 860-93686-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.00676	J	0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	3.28	J	5.00	2.00	mg/L	500		6020A	Total/NA
Calcium	634		50.0	15.0	mg/L	500		6020A	Total/NA
Cobalt	0.00642	J	0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	48.9		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	113		5.00	0.819	mg/L	50		6020A	Total/NA
Sodium	1620		50.0	28.2	mg/L	500		6020A	Total/NA
Selenium	0.00350	J	0.0100	0.00295	mg/L	5		6020A	Total/NA
Total Alkalinity	68.1		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	68.1		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7800		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-02

Lab Sample ID: 860-93686-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2050		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	1.41	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3980	^2	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.40		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0181	J	0.0400	0.00690	mg/L	10		6020A	Total/NA
Beryllium	0.0236		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	12.5		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.0436		0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	476		10.0	3.01	mg/L	100		6020A	Total/NA
Chromium	0.0163	J	0.0400	0.00560	mg/L	10		6020A	Total/NA
Cobalt	0.302		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	33.8		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	95.1		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2200		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.163		0.0200	0.00590	mg/L	10		6020A	Total/NA
Total Dissolved Solids	8370		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-02

Lab Sample ID: 860-93686-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	0.229	J	0.500	0.200	mg/L	1		300.0	Total/NA
Boron	0.0319		0.0100	0.00401	mg/L	1		6020A	Total/NA

Client Sample ID: EB-01

Lab Sample ID: 860-93686-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.00518	J	0.0100	0.00401	mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-02

Lab Sample ID: 860-93686-1

Date Collected: 02/12/25 10:35

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3910		5.00	2.50	mg/L			02/14/25 14:25	10
Fluoride	1.00	U	5.00	1.00	mg/L			02/14/25 14:25	10
Sulfate	2850		5.00	2.00	mg/L			02/14/25 14:25	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.11		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 19:52	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		04/25/25 10:30	04/25/25 20:56	10
Barium	0.0323	J	0.0400	0.0134	mg/L		04/25/25 10:30	04/25/25 20:56	10
Beryllium	0.00271	U	0.0200	0.00271	mg/L		04/25/25 10:30	04/25/25 20:56	10
Boron	7.99		1.00	0.401	mg/L		04/25/25 10:30	04/28/25 13:03	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		04/25/25 10:30	04/25/25 20:56	10
Calcium	855		10.0	3.01	mg/L		04/25/25 10:30	04/28/25 13:03	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		04/25/25 10:30	04/25/25 20:56	10
Cobalt	0.00420	J	0.0200	0.00355	mg/L		04/25/25 10:30	04/25/25 20:56	10
Potassium	46.6		1.00	0.220	mg/L		04/25/25 10:30	04/25/25 20:56	10
Magnesium	120		1.00	0.164	mg/L		04/25/25 10:30	04/25/25 20:56	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		04/25/25 10:30	04/25/25 20:56	10
Sodium	2490		10.0	5.64	mg/L		04/25/25 10:30	04/28/25 13:03	100
Lead	0.00367	U	0.0200	0.00367	mg/L		04/25/25 10:30	04/25/25 20:56	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		04/25/25 10:30	04/25/25 20:56	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		04/25/25 10:30	04/25/25 20:56	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		04/25/25 10:30	04/25/25 20:56	10

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		02/18/25 05:52	02/18/25 15:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	109		4.00	4.00	mg/L			02/14/25 11:53	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	109		4.00	4.00	mg/L			02/14/25 11:53	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/14/25 11:53	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/14/25 11:53	1
Total Dissolved Solids (SM 2540C)	13200		100	100	mg/L			02/19/25 08:55	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	2.77	G	0.970	1.00	1.00	1.21	pCi/L	02/26/25 08:23	03/07/25 14:38	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.1		30 - 110					02/26/25 08:23	03/07/25 14:38	1
Y Carrier	78.5		30 - 110					02/26/25 08:23	03/07/25 14:38	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-02

Date Collected: 02/12/25 10:35

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-1

Matrix: Water

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.640		0.740		1.00	0.290	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Client Sample ID: PZ-03

Date Collected: 02/12/25 11:20

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	5.72		5.00	1.00	mg/L			02/14/25 16:23	10
Sulfate	3650		5.00	2.00	mg/L			02/14/25 16:23	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6180		50.0	25.0	mg/L			02/14/25 16:36	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	2.93		0.400	0.174	mg/L		02/20/25 09:30	02/21/25 16:18	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0662		0.0400	0.00690	mg/L		02/19/25 10:00	02/20/25 03:28	10
Barium	0.0228	J	0.0400	0.0134	mg/L		02/19/25 10:00	02/20/25 03:28	10
Beryllium	0.278		0.0200	0.00271	mg/L		02/19/25 10:00	02/20/25 20:07	10
Boron	11.3		1.00	0.401	mg/L		02/19/25 10:00	02/20/25 20:13	100
Cadmium	0.532		0.0200	0.00240	mg/L		02/19/25 10:00	02/20/25 03:28	10
Calcium	885		10.0	3.01	mg/L		02/19/25 10:00	02/20/25 20:13	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 10:00	02/20/25 03:28	10
Cobalt	1.53		0.0200	0.00355	mg/L		02/19/25 10:00	02/20/25 03:28	10
Potassium	30.7		1.00	0.220	mg/L		02/19/25 10:00	02/20/25 03:28	10
Magnesium	308		1.00	0.164	mg/L		02/19/25 10:00	02/20/25 03:28	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 10:00	02/20/25 03:28	10
Sodium	3770		10.0	5.64	mg/L		02/19/25 10:00	02/20/25 20:13	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 10:00	02/20/25 03:28	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 10:00	02/20/25 03:28	10
Selenium	0.573		0.0200	0.00590	mg/L		02/19/25 10:00	02/20/25 20:07	10
Thallium	0.00964	J	0.0200	0.00415	mg/L		02/19/25 10:00	02/20/25 03:28	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00228		0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 15:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:46	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:46	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-03

Lab Sample ID: 860-93686-2

Date Collected: 02/12/25 11:20

Matrix: Water

Date Received: 02/13/25 09:39

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15900		100	100	mg/L			02/19/25 08:55	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	5.43	G	1.16	1.26	1.00	1.20	pCi/L	02/26/25 08:23	03/07/25 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.5		30 - 110					02/26/25 08:23	03/07/25 14:39	1
Y Carrier	83.0		30 - 110					02/26/25 08:23	03/07/25 14:39	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	1.63		1.02		1.00	0.330	pCi/L	02/21/25 09:23	03/18/25 11:22	1

Client Sample ID: AP-31

Lab Sample ID: 860-93686-3

Date Collected: 02/12/25 08:45

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2550		5.00	2.50	mg/L			02/14/25 15:17	10
Fluoride	1.00	J	5.00	1.00	mg/L			02/14/25 15:17	10
Sulfate	2840	^2	5.00	2.00	mg/L			02/14/25 15:17	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.13		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 16:06	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0132	J	0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 00:29	10
Barium	0.0134	U	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 00:29	10
Beryllium	0.0135	J	0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 18:30	10
Boron	71.6		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 18:34	100
Cadmium	0.00583	J	0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 00:29	10
Calcium	667		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 18:34	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 00:29	10
Cobalt	0.272		0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 00:29	10
Potassium	11.9		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 00:29	10
Magnesium	76.5		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 00:29	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 00:29	10
Sodium	2070		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 18:34	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 00:29	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 00:29	10
Selenium	0.120		0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 00:29	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 00:29	10

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-31

Lab Sample ID: 860-93686-3

Date Collected: 02/12/25 08:45

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000307		0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:51	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:51	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:51	1
Total Dissolved Solids (SM 2540C)	8290		100	100	mg/L			02/19/25 08:55	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	2.31		0.627	0.663	1.00	0.679	pCi/L	02/26/25 08:23	03/07/25 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.0		30 - 110					02/26/25 08:23	03/07/25 14:39	1
Y Carrier	82.2		30 - 110					02/26/25 08:23	03/07/25 14:39	1

Client Sample ID: AP-32

Lab Sample ID: 860-93686-4

Date Collected: 02/12/25 10:05

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2920		5.00	2.50	mg/L			02/14/25 15:31	10
Fluoride	2.18	J	5.00	1.00	mg/L			02/14/25 15:31	10
Sulfate	3380	^2	5.00	2.00	mg/L			02/14/25 15:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.67		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 16:08	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0481		0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 00:35	10
Barium	0.0200	J	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 00:35	10
Beryllium	0.0652		0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 18:32	10
Boron	22.5		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 18:36	100
Cadmium	0.0737		0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 00:35	10
Calcium	647		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 18:36	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 00:35	10
Cobalt	0.593		0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 00:35	10
Potassium	39.9		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 00:35	10
Magnesium	94.3		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 00:35	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 00:35	10
Sodium	2320		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 18:36	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 00:35	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 00:35	10

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-32

Lab Sample ID: 860-93686-4

Date Collected: 02/12/25 10:05

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.538		0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 00:35	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 00:35	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000960		0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:48	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:48	1
Total Dissolved Solids (SM 2540C)	9540		100	100	mg/L			02/19/25 08:55	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	10.7		1.15	1.51	1.00	0.635	pCi/L	02/26/25 08:23	03/07/25 14:39	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.1		30 - 110					02/26/25 08:23	03/07/25 14:39	1
Y Carrier	80.7		30 - 110					02/26/25 08:23	03/07/25 14:39	1

Client Sample ID: AP-33

Lab Sample ID: 860-93686-5

Date Collected: 02/12/25 09:05

Matrix: Water

Date Received: 02/13/25 09:39

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			02/14/25 15:46	10
Fluoride	6.31		5.00	1.00	mg/L			02/14/25 15:46	10
Sulfate	3380	^2	5.00	2.00	mg/L			02/14/25 15:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.296		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 19:54	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0594		0.0200	0.00345	mg/L		02/17/25 13:00	02/18/25 19:42	5
Barium	0.0188	J	0.0200	0.00671	mg/L		02/17/25 13:00	02/18/25 19:42	5
Beryllium	0.298		0.0100	0.00136	mg/L		02/17/25 13:00	02/18/25 19:42	5
Boron	50.2		5.00	2.00	mg/L		02/17/25 13:00	02/18/25 19:24	500
Cadmium	0.0818		0.0100	0.00120	mg/L		02/17/25 13:00	02/18/25 19:42	5
Calcium	680		50.0	15.0	mg/L		02/17/25 13:00	02/18/25 19:24	500
Chromium	0.00280	U	0.0200	0.00280	mg/L		02/17/25 13:00	02/18/25 19:42	5
Cobalt	1.09		0.0100	0.00178	mg/L		02/17/25 13:00	02/18/25 19:42	5
Potassium	26.2		0.500	0.110	mg/L		02/17/25 13:00	02/18/25 19:42	5

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-33

Date Collected: 02/12/25 09:05

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-5

Matrix: Water

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	176		50.0	8.19	mg/L		02/17/25 13:00	02/18/25 19:24	500
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		02/17/25 13:00	02/18/25 19:42	5
Sodium	2370		50.0	28.2	mg/L		02/17/25 13:00	02/18/25 19:24	500
Lead	0.00184	U	0.0100	0.00184	mg/L		02/17/25 13:00	02/18/25 19:42	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		02/17/25 13:00	02/18/25 19:42	5
Selenium	0.571		0.0100	0.00295	mg/L		02/17/25 13:00	02/18/25 19:42	5
Thallium	0.00530	J	0.0100	0.00208	mg/L		02/17/25 13:00	02/18/25 19:42	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00367		0.000200	0.0000706	mg/L		02/18/25 05:52	02/18/25 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:48	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:48	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:48	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:48	1
Total Dissolved Solids (SM 2540C)	11700		100	100	mg/L			02/19/25 08:55	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	6.79		1.01	1.19	1.00	0.704	pCi/L	02/26/25 08:23	03/07/25 14:40	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					02/26/25 08:23	03/07/25 14:40	1
Y Carrier	81.1		30 - 110					02/26/25 08:23	03/07/25 14:40	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.420		0.980		1.00	0.310	pCi/L	02/21/25 09:23	03/18/25 11:22	1

Client Sample ID: AP-34

Date Collected: 02/12/25 11:00

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-6

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2990		5.00	2.50	mg/L			02/14/25 16:16	10
Fluoride	8.15		5.00	1.00	mg/L			02/14/25 16:16	10
Sulfate	3300	^2	5.00	2.00	mg/L			02/14/25 16:16	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.789		0.0400	0.0174	mg/L		02/18/25 09:30	02/18/25 18:00	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-34

Lab Sample ID: 860-93686-6

Date Collected: 02/12/25 11:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0556		0.0400	0.00690	mg/L		04/25/25 10:30	04/25/25 21:02	10
Barium	0.0158	J	0.0400	0.0134	mg/L		04/25/25 10:30	04/25/25 21:02	10
Beryllium	0.274		0.0200	0.00271	mg/L		04/25/25 10:30	04/25/25 21:02	10
Boron	20.7		1.00	0.401	mg/L		04/25/25 10:30	04/28/25 13:05	100
Cadmium	0.0174	J	0.0200	0.00240	mg/L		04/25/25 10:30	04/25/25 21:02	10
Calcium	724		10.0	3.01	mg/L		04/25/25 10:30	04/28/25 13:05	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		04/25/25 10:30	04/25/25 21:02	10
Cobalt	1.17		0.0200	0.00355	mg/L		04/25/25 10:30	04/25/25 21:02	10
Potassium	16.7		1.00	0.220	mg/L		04/25/25 10:30	04/25/25 21:02	10
Magnesium	145		1.00	0.164	mg/L		04/25/25 10:30	04/25/25 21:02	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		04/25/25 10:30	04/25/25 21:02	10
Sodium	1760		10.0	5.64	mg/L		04/25/25 10:30	04/28/25 13:05	100
Lead	0.00367	U	0.0200	0.00367	mg/L		04/25/25 10:30	04/25/25 21:02	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		04/25/25 10:30	04/25/25 21:02	10
Selenium	0.671		0.0200	0.00590	mg/L		04/25/25 10:30	04/25/25 21:02	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		04/25/25 10:30	04/25/25 21:02	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00302		0.000200	0.0000706	mg/L		02/18/25 05:52	02/18/25 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:59	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:59	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:59	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 14:59	1
Total Dissolved Solids (SM 2540C)	9790		100	100	mg/L			02/19/25 08:55	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	3.63		0.746	0.817	1.00	0.692	pCi/L	02/26/25 08:23	03/07/25 14:48	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.1		30 - 110					02/26/25 08:23	03/07/25 14:48	1
Y Carrier	83.0		30 - 110					02/26/25 08:23	03/07/25 14:48	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.200	U	1.01		1.00	0.370	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-35

Lab Sample ID: 860-93686-7

Date Collected: 02/12/25 10:15

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2590		5.00	2.50	mg/L			02/14/25 16:31	10
Fluoride	11.5		5.00	1.00	mg/L			02/14/25 16:31	10
Sulfate	3390	^2	5.00	2.00	mg/L			02/14/25 16:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.02		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 19:56	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0180	J	0.0400	0.00690	mg/L		02/18/25 13:00	02/19/25 19:40	10
Barium	0.0199	J	0.0400	0.0134	mg/L		02/18/25 13:00	02/19/25 19:40	10
Beryllium	0.285		0.0200	0.00271	mg/L		02/18/25 13:00	02/19/25 19:40	10
Boron	5.24		0.500	0.200	mg/L		02/18/25 13:00	02/19/25 19:50	50
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/18/25 13:00	02/19/25 19:40	10
Calcium	553		5.00	1.50	mg/L		02/18/25 13:00	02/19/25 19:50	50
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/18/25 13:00	02/19/25 19:40	10
Cobalt	0.0177	J	0.0200	0.00355	mg/L		02/18/25 13:00	02/19/25 19:40	10
Potassium	52.0		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 19:40	10
Magnesium	176		5.00	0.819	mg/L		02/18/25 13:00	02/19/25 19:50	50
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/18/25 13:00	02/19/25 19:40	10
Sodium	1740		5.00	2.82	mg/L		02/18/25 13:00	02/19/25 19:50	50
Lead	0.00367	U	0.0200	0.00367	mg/L		02/18/25 13:00	02/19/25 19:40	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/18/25 13:00	02/19/25 19:40	10
Selenium	0.244		0.0200	0.00590	mg/L		02/18/25 13:00	02/19/25 19:40	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/18/25 13:00	02/19/25 19:40	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000253		0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 16:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:01	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:01	1
Total Dissolved Solids (SM 2540C)	9020		100	100	mg/L			02/19/25 08:55	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	13.6		1.44	1.90	1.00	0.875	pCi/L	02/26/25 08:23	03/07/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					02/26/25 08:23	03/07/25 14:44	1
Y Carrier	75.5		30 - 110					02/26/25 08:23	03/07/25 14:44	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-35

Date Collected: 02/12/25 10:15

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-7

Matrix: Water

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	2.78		1.44		1.00	0.330	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Client Sample ID: AP-36

Date Collected: 02/12/25 09:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-8

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		5.00	2.50	mg/L			02/14/25 16:45	10
Fluoride	1.10	J	5.00	1.00	mg/L			02/14/25 16:45	10
Sulfate	2920	^2	5.00	2.00	mg/L			02/14/25 16:45	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.534		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 19:58	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00691	J	0.0400	0.00690	mg/L		04/25/25 10:30	04/25/25 21:12	10
Barium	0.0176	J	0.0400	0.0134	mg/L		04/25/25 10:30	04/25/25 21:12	10
Beryllium	0.0118	J	0.0200	0.00271	mg/L		04/25/25 10:30	04/25/25 21:12	10
Boron	2.54		0.500	0.200	mg/L		04/25/25 10:30	04/28/25 13:08	50
Cadmium	0.00240	U	0.0200	0.00240	mg/L		04/25/25 10:30	04/25/25 21:12	10
Calcium	656		5.00	1.50	mg/L		04/25/25 10:30	04/28/25 13:08	50
Chromium	0.00560	U	0.0400	0.00560	mg/L		04/25/25 10:30	04/25/25 21:12	10
Cobalt	0.0649		0.0200	0.00355	mg/L		04/25/25 10:30	04/25/25 21:12	10
Potassium	36.9		1.00	0.220	mg/L		04/25/25 10:30	04/25/25 21:12	10
Magnesium	98.7		1.00	0.164	mg/L		04/25/25 10:30	04/25/25 21:12	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		04/25/25 10:30	04/25/25 21:12	10
Sodium	1350		5.00	2.82	mg/L		04/25/25 10:30	04/28/25 13:08	50
Lead	0.00367	U	0.0200	0.00367	mg/L		04/25/25 10:30	04/25/25 21:12	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		04/25/25 10:30	04/25/25 21:12	10
Selenium	0.0537		0.0200	0.00590	mg/L		04/25/25 10:30	04/25/25 21:12	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		04/25/25 10:30	04/25/25 21:12	10

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		02/18/25 05:52	02/18/25 15:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:03	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:03	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:03	1
Total Dissolved Solids (SM 2540C)	6510		40.0	40.0	mg/L			02/19/25 08:55	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-36

Date Collected: 02/12/25 09:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-8

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	2.59		0.624	0.667	1.00	0.642	pCi/L	02/26/25 08:23	03/07/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.0		30 - 110					02/26/25 08:23	03/07/25 14:44	1
Y Carrier	83.0		30 - 110					02/26/25 08:23	03/07/25 14:44	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.320	U	0.870		1.00	0.330	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Client Sample ID: MW-03

Date Collected: 02/12/25 09:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-9

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2340		5.00	2.50	mg/L			02/14/25 17:00	10
Fluoride	1.65	J	5.00	1.00	mg/L			02/14/25 17:00	10
Sulfate	4440	^2	5.00	2.00	mg/L			02/14/25 17:00	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.32		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:00	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0146		0.00400	0.000690	mg/L		02/17/25 13:00	02/17/25 23:09	1
Barium	0.0125	J	0.0200	0.00671	mg/L		02/17/25 13:00	02/18/25 19:46	5
Beryllium	0.0255		0.0100	0.00136	mg/L		02/17/25 13:00	02/18/25 19:46	5
Boron	10.3		5.00	2.00	mg/L		02/17/25 13:00	02/18/25 19:28	500
Cadmium	0.0429		0.0100	0.00120	mg/L		02/17/25 13:00	02/18/25 19:46	5
Calcium	531		50.0	15.0	mg/L		02/17/25 13:00	02/18/25 19:28	500
Chromium	0.0183	J	0.0200	0.00280	mg/L		02/17/25 13:00	02/18/25 19:46	5
Cobalt	0.304		0.0100	0.00178	mg/L		02/17/25 13:00	02/18/25 19:46	5
Potassium	37.9		0.500	0.110	mg/L		02/17/25 13:00	02/18/25 19:46	5
Magnesium	105		5.00	0.819	mg/L		02/17/25 13:00	02/18/25 19:54	50
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		02/17/25 13:00	02/18/25 19:46	5
Sodium	2160		50.0	28.2	mg/L		02/17/25 13:00	02/18/25 19:28	500
Lead	0.00184	U	0.0100	0.00184	mg/L		02/17/25 13:00	02/18/25 19:46	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		02/17/25 13:00	02/18/25 19:46	5
Selenium	0.169		0.0100	0.00295	mg/L		02/17/25 13:00	02/18/25 19:46	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		02/17/25 13:00	02/18/25 19:46	5

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		02/18/25 05:52	02/18/25 15:52	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: MW-03

Date Collected: 02/12/25 09:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-9

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:05	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:05	1
Total Dissolved Solids (SM 2540C)	9380		100	100	mg/L			02/19/25 08:55	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	4.55		0.865	0.961	1.00	0.717	pCi/L	02/26/25 08:23	03/07/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					02/26/25 08:23	03/07/25 14:44	1
Y Carrier	82.2		30 - 110					02/26/25 08:23	03/07/25 14:44	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.900		0.930		1.00	0.330	pCi/L	02/21/25 09:23	03/18/25 11:22	1

Client Sample ID: PZ-05

Date Collected: 02/12/25 09:45

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-10

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2470		5.00	2.50	mg/L			02/14/25 17:15	10
Fluoride	4.36	J	5.00	1.00	mg/L			02/14/25 17:15	10
Sulfate	3120	^2	5.00	2.00	mg/L			02/14/25 17:15	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.361		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:02	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0404		0.0400	0.00690	mg/L		02/18/25 13:00	02/19/25 19:42	10
Barium	0.0134	U	0.0400	0.0134	mg/L		02/18/25 13:00	02/19/25 19:42	10
Beryllium	0.208		0.0200	0.00271	mg/L		02/18/25 13:00	02/19/25 19:42	10
Boron	26.4		0.500	0.200	mg/L		02/18/25 13:00	02/19/25 19:52	50
Cadmium	0.0632		0.0200	0.00240	mg/L		02/18/25 13:00	02/19/25 19:42	10
Calcium	569		5.00	1.50	mg/L		02/18/25 13:00	02/19/25 19:52	50
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/18/25 13:00	02/19/25 19:42	10
Cobalt	0.936		0.0200	0.00355	mg/L		02/18/25 13:00	02/19/25 19:42	10
Potassium	19.5		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 19:42	10
Magnesium	121		5.00	0.819	mg/L		02/18/25 13:00	02/19/25 19:52	50
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/18/25 13:00	02/19/25 19:42	10
Sodium	1770		5.00	2.82	mg/L		02/18/25 13:00	02/19/25 19:52	50

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-05

Lab Sample ID: 860-93686-10

Date Collected: 02/12/25 09:45

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.00367	U	0.0200	0.00367	mg/L		02/18/25 13:00	02/19/25 19:42	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/18/25 13:00	02/19/25 19:42	10
Selenium	0.478		0.0200	0.00590	mg/L		02/18/25 13:00	02/19/25 19:42	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/18/25 13:00	02/19/25 19:42	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000139	J	0.000200	0.0000706	mg/L		02/18/25 05:52	02/18/25 15:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:40	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:40	1
Total Dissolved Solids (SM 2540C)	8610		100	100	mg/L			02/19/25 08:55	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	2.93		0.682	0.733	1.00	0.670	pCi/L	02/26/25 08:26	03/07/25 14:44	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.1		30 - 110					02/26/25 08:26	03/07/25 14:44	1
Y Carrier	83.0		30 - 110					02/26/25 08:26	03/07/25 14:44	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.460		0.840		1.00	0.360	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Client Sample ID: PZ-06

Lab Sample ID: 860-93686-11

Date Collected: 02/12/25 08:30

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2440		5.00	2.50	mg/L			02/14/25 18:32	10
Fluoride	1.01	J	5.00	1.00	mg/L			02/14/25 18:32	10
Sulfate	2970	^2	5.00	2.00	mg/L			02/14/25 18:32	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.596		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:04	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/17/25 13:00	02/17/25 23:07	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-06

Lab Sample ID: 860-93686-11

Date Collected: 02/12/25 08:30

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0237		0.0200	0.00671	mg/L		02/17/25 13:00	02/18/25 19:44	5
Beryllium	0.00676	J	0.0100	0.00136	mg/L		02/17/25 13:00	02/18/25 19:44	5
Boron	3.28	J	5.00	2.00	mg/L		02/17/25 13:00	02/18/25 19:26	500
Cadmium	0.00120	U	0.0100	0.00120	mg/L		02/17/25 13:00	02/18/25 19:44	5
Calcium	634		50.0	15.0	mg/L		02/17/25 13:00	02/18/25 19:26	500
Chromium	0.00280	U	0.0200	0.00280	mg/L		02/17/25 13:00	02/18/25 19:44	5
Cobalt	0.00642	J	0.0100	0.00178	mg/L		02/17/25 13:00	02/18/25 19:44	5
Potassium	48.9		0.500	0.110	mg/L		02/17/25 13:00	02/18/25 19:44	5
Magnesium	113		5.00	0.819	mg/L		02/17/25 13:00	02/18/25 19:52	50
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		02/17/25 13:00	02/18/25 19:44	5
Sodium	1620		50.0	28.2	mg/L		02/17/25 13:00	02/18/25 19:26	500
Lead	0.00184	U	0.0100	0.00184	mg/L		02/17/25 13:00	02/18/25 19:44	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		02/17/25 13:00	02/18/25 19:44	5
Selenium	0.00350	J	0.0100	0.00295	mg/L		02/17/25 13:00	02/18/25 19:44	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		02/17/25 13:00	02/18/25 19:44	5

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		02/18/25 05:52	02/18/25 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	68.1		4.00	4.00	mg/L			02/17/25 12:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	68.1		4.00	4.00	mg/L			02/17/25 12:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 12:18	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 12:18	1
Total Dissolved Solids (SM 2540C)	7800		100	100	mg/L			02/19/25 08:55	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	3.45		0.592	0.671	1.00	0.452	pCi/L	02/26/25 08:08	03/11/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.1		30 - 110					02/26/25 08:08	03/11/25 11:41	1
Y Carrier	84.1		30 - 110					02/26/25 08:08	03/11/25 11:41	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.740		0.720		1.00	0.310	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: Dup-02

Lab Sample ID: 860-93686-12

Date Collected: 02/12/25 08:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		5.00	2.50	mg/L			02/14/25 18:46	10
Fluoride	1.41	J	5.00	1.00	mg/L			02/14/25 18:46	10
Sulfate	3980	^2	5.00	2.00	mg/L			02/14/25 18:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.40		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:05	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0181	J	0.0400	0.00690	mg/L		02/18/25 13:00	02/19/25 19:44	10
Barium	0.0134	U	0.0400	0.0134	mg/L		02/18/25 13:00	02/19/25 19:44	10
Beryllium	0.0236		0.0200	0.00271	mg/L		02/18/25 13:00	02/19/25 19:44	10
Boron	12.5		1.00	0.401	mg/L		02/18/25 13:00	02/19/25 19:54	100
Cadmium	0.0436		0.0200	0.00240	mg/L		02/18/25 13:00	02/19/25 19:44	10
Calcium	476		10.0	3.01	mg/L		02/18/25 13:00	02/19/25 19:54	100
Chromium	0.0163	J	0.0400	0.00560	mg/L		02/18/25 13:00	02/19/25 19:44	10
Cobalt	0.302		0.0200	0.00355	mg/L		02/18/25 13:00	02/19/25 19:44	10
Potassium	33.8		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 19:44	10
Magnesium	95.1		1.00	0.164	mg/L		02/18/25 13:00	02/19/25 19:44	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/18/25 13:00	02/19/25 19:44	10
Sodium	2200		10.0	5.64	mg/L		02/18/25 13:00	02/19/25 19:54	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/18/25 13:00	02/19/25 19:44	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/18/25 13:00	02/19/25 19:44	10
Selenium	0.163		0.0200	0.00590	mg/L		02/18/25 13:00	02/19/25 19:44	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/18/25 13:00	02/19/25 19:44	10

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		02/20/25 05:45	02/20/25 16:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:36	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:36	1
Total Dissolved Solids (SM 2540C)	8370		100	100	mg/L			02/19/25 08:55	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	4.63		0.664	0.789	1.00	0.505	pCi/L	02/26/25 08:08	03/11/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	99.7		30 - 110					02/26/25 08:08	03/11/25 11:41	1
Y Carrier	82.6		30 - 110					02/26/25 08:08	03/11/25 11:41	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: Dup-02

Date Collected: 02/12/25 08:00

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-12

Matrix: Water

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.470		1.06		1.00	0.340	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Client Sample ID: FB-02

Date Collected: 02/12/25 10:15

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-13

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.250	U	0.500	0.250	mg/L			02/14/25 19:01	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/14/25 19:01	1
Sulfate	0.229	J	0.500	0.200	mg/L			02/17/25 15:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:11	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/18/25 13:00	02/19/25 19:46	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/18/25 13:00	02/19/25 19:46	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/18/25 13:00	02/19/25 19:46	1
Boron	0.0319		0.0100	0.00401	mg/L		02/18/25 13:00	02/19/25 19:46	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/18/25 13:00	02/19/25 19:46	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/18/25 13:00	02/19/25 19:46	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/18/25 13:00	02/19/25 19:46	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/18/25 13:00	02/19/25 19:46	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/18/25 13:00	02/19/25 19:46	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/18/25 13:00	02/19/25 19:46	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/18/25 13:00	02/19/25 19:46	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/18/25 13:00	02/19/25 19:46	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/18/25 13:00	02/19/25 19:46	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/18/25 13:00	02/19/25 19:46	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/18/25 13:00	02/19/25 19:46	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/18/25 13:00	02/19/25 19:46	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		02/20/25 05:45	02/20/25 16:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:45	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:45	1
Total Dissolved Solids (SM 2540C)	5.00	U	5.00	5.00	mg/L			02/19/25 08:55	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: FB-02

Lab Sample ID: 860-93686-13

Date Collected: 02/12/25 10:15

Matrix: Water

Date Received: 02/13/25 09:39

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	0.0112	U	0.270	0.270	1.00	0.508	pCi/L	02/26/25 08:08	03/11/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.5		30 - 110					02/26/25 08:08	03/11/25 11:41	1
Y Carrier	81.5		30 - 110					02/26/25 08:08	03/11/25 11:41	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.780		0.550		1.00	0.450	pCi/L	02/24/25 10:29	03/12/25 09:15	1

Client Sample ID: EB-01

Lab Sample ID: 860-93686-14

Date Collected: 02/12/25 08:55

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.250	U	0.500	0.250	mg/L			02/14/25 17:43	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/14/25 17:43	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/14/25 17:43	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 19:24	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/17/25 13:00	02/17/25 23:01	1
Barium	0.00134	U ^+	0.00400	0.00134	mg/L		02/17/25 13:00	02/17/25 23:01	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/17/25 13:00	02/18/25 19:22	1
Boron	0.00518	J	0.0100	0.00401	mg/L		02/17/25 13:00	02/18/25 19:22	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/17/25 13:00	02/18/25 19:22	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/17/25 13:00	02/18/25 19:22	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/17/25 13:00	02/18/25 19:22	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/17/25 13:00	02/17/25 23:01	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/17/25 13:00	02/18/25 19:22	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/17/25 13:00	02/18/25 19:22	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/17/25 13:00	02/18/25 19:22	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/17/25 13:00	02/18/25 19:22	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/17/25 13:00	02/18/25 19:22	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/17/25 13:00	02/18/25 19:22	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/17/25 13:00	02/18/25 19:22	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/17/25 13:00	02/18/25 19:22	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		02/18/25 05:52	02/18/25 15:56	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: EB-01

Lab Sample ID: 860-93686-14

Date Collected: 02/12/25 08:55

Matrix: Water

Date Received: 02/13/25 09:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:08	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:08	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:08	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 15:08	1
Total Dissolved Solids (SM 2540C)	5.00	U	5.00	5.00	mg/L			02/19/25 08:55	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	0.0923	U	0.346	0.346	1.00	0.619	pCi/L	02/26/25 08:08	03/11/25 11:41	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					02/26/25 08:08	03/11/25 11:41	1
Y Carrier	78.5		30 - 110					02/26/25 08:08	03/11/25 11:41	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.590		0.540		1.00	0.520	pCi/L	02/24/25 10:29	03/12/25 09:15	1

Tracer/Carrier Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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)
860-93686-1	PZ-02	80.1	78.5
860-93686-2	PZ-03	83.5	83.0
860-93686-2 MS	PZ-03	90.1	81.1
860-93686-2 MSD	PZ-03	91.1	81.9
860-93686-3	AP-31	94.0	82.2
860-93686-4	AP-32	96.1	80.7
860-93686-5	AP-33	84.0	81.1
860-93686-6	AP-34	91.1	83.0
860-93686-7	AP-35	84.0	75.5
860-93686-8	AP-36	99.0	83.0
860-93686-9	MW-03	83.2	82.2
860-93686-10	PZ-05	91.1	83.0
860-93686-11	PZ-06	90.1	84.1
860-93686-12	Dup-02	99.7	82.6
860-93686-13	FB-02	88.5	81.5
860-93686-14	EB-01	86.6	78.5
LCS 160-704932/2-A	Lab Control Sample	86.6	82.2
LCS 160-704938/2-A	Lab Control Sample	91.9	85.6
MB 160-704932/1-A	Method Blank	90.1	84.9
MB 160-704938/1-A	Method Blank	92.9	80.4

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-216704/3

Matrix: Water

Analysis Batch: 216704

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			02/14/25 09:36	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/14/25 09:36	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/14/25 09:36	1

Lab Sample ID: LCS 860-216704/4

Matrix: Water

Analysis Batch: 216704

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	9.623		mg/L		96	90 - 110
Fluoride	10.0	10.41		mg/L		104	90 - 110
Sulfate	10.0	9.623		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-216704/5

Matrix: Water

Analysis Batch: 216704

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	9.821		mg/L		98	90 - 110	2	20
Fluoride	10.0	10.60		mg/L		106	90 - 110	2	20
Sulfate	10.0	9.836		mg/L		98	90 - 110	2	20

Lab Sample ID: LLCS 860-216704/7

Matrix: Water

Analysis Batch: 216704

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	0.5908		mg/L		118	50 - 150
Fluoride	0.500	0.4688	J	mg/L		94	50 - 150
Sulfate	0.500	0.5573		mg/L		111	50 - 150

Lab Sample ID: MB 860-216711/18

Matrix: Water

Analysis Batch: 216711

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			02/14/25 11:26	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/14/25 11:26	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/14/25 11:26	1

Lab Sample ID: LCS 860-216711/19

Matrix: Water

Analysis Batch: 216711

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	10.06		mg/L		101	90 - 110
Fluoride	10.0	10.32		mg/L		103	90 - 110
Sulfate	10.0	10.33		mg/L		103	90 - 110

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-216711/20

Matrix: Water

Analysis Batch: 216711

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	10.48		mg/L		105	90 - 110	4	20
Fluoride	10.0	10.76		mg/L		108	90 - 110	4	20
Sulfate	10.0	10.79		mg/L		108	90 - 110	4	20

Lab Sample ID: LLCS 860-216711/22

Matrix: Water

Analysis Batch: 216711

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	0.4756	J	mg/L		95	50 - 150
Fluoride	0.500	0.5122		mg/L		102	50 - 150
Sulfate	0.500	0.4898	J	mg/L		98	50 - 150

Lab Sample ID: MB 860-216810/3

Matrix: Water

Analysis Batch: 216810

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			02/14/25 15:17	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/14/25 15:17	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/14/25 15:17	1

Lab Sample ID: LCS 860-216810/4

Matrix: Water

Analysis Batch: 216810

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	10.22		mg/L		102	90 - 110
Fluoride	10.0	9.789		mg/L		98	90 - 110
Sulfate	10.0	9.812		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-216810/5

Matrix: Water

Analysis Batch: 216810

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	10.22		mg/L		102	90 - 110	0	20
Fluoride	10.0	9.924		mg/L		99	90 - 110	1	20
Sulfate	10.0	9.897		mg/L		99	90 - 110	1	20

Lab Sample ID: LLCS 860-216810/74

Matrix: Water

Analysis Batch: 216810

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	0.5579		mg/L		112	50 - 150
Fluoride	0.500	0.5129		mg/L		103	50 - 150
Sulfate	0.500	0.5188		mg/L		104	50 - 150

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-93686-2 MS

Matrix: Water

Analysis Batch: 216810

Client Sample ID: PZ-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6180		1000	7207	4	mg/L		103	90 - 110
Fluoride	12.7	J	1000	924.6		mg/L		91	90 - 110
Sulfate	3710		1000	4760		mg/L		105	90 - 110

Lab Sample ID: 860-93686-2 MSD

Matrix: Water

Analysis Batch: 216810

Client Sample ID: PZ-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6180		1000	7193	4	mg/L		101	90 - 110	0	15
Fluoride	12.7	J	1000	1001		mg/L		99	90 - 110	8	15
Sulfate	3710		1000	4782		mg/L		107	90 - 110	0	15

Lab Sample ID: MB 860-217020/3

Matrix: Water

Analysis Batch: 217020

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			02/17/25 10:13	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 10:13	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 10:13	1

Lab Sample ID: LCS 860-217020/4

Matrix: Water

Analysis Batch: 217020

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	9.974		mg/L		100	90 - 110
Fluoride	10.0	10.69		mg/L		107	90 - 110
Sulfate	10.0	9.989		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-217020/5

Matrix: Water

Analysis Batch: 217020

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	1	20
Fluoride	10.0	10.76		mg/L		108	90 - 110	1	20
Sulfate	10.0	10.07		mg/L		101	90 - 110	1	20

Lab Sample ID: LLCS 860-217020/7

Matrix: Water

Analysis Batch: 217020

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	0.6089		mg/L		122	50 - 150
Fluoride	0.500	0.4827	J	mg/L		97	50 - 150
Sulfate	0.500	0.5721		mg/L		114	50 - 150

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-217090/1-A

Matrix: Water

Analysis Batch: 217274

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 19:18	1

Lab Sample ID: LCS 860-217090/2-A

Matrix: Water

Analysis Batch: 217274

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9570		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-217090/3-A

Matrix: Water

Analysis Batch: 217274

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217090

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9590		mg/L		96	80 - 120	0	20

Lab Sample ID: 860-93686-14 MS

Matrix: Water

Analysis Batch: 217274

Client Sample ID: EB-01

Prep Type: Total/NA

Prep Batch: 217090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0174	U	1.00	0.9370		mg/L		94	75 - 125

Lab Sample ID: 860-93686-14 MSD

Matrix: Water

Analysis Batch: 217274

Client Sample ID: EB-01

Prep Type: Total/NA

Prep Batch: 217090

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0174	U	1.00	0.9390		mg/L		94	75 - 125	0	20

Lab Sample ID: LB 860-217018/1-B

Matrix: Water

Analysis Batch: 217598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217271

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0868	U	0.200	0.0868	mg/L		02/18/25 09:30	02/18/25 17:12	1

Lab Sample ID: MB 860-217271/1-A

Matrix: Water

Analysis Batch: 217598

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/18/25 09:30	02/18/25 17:06	1

Lab Sample ID: LCS 860-217271/2-A

Matrix: Water

Analysis Batch: 217598

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9600		mg/L		96	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 6010D - Metals (ICP)

Lab Sample ID: LCSD 860-217271/3-A
Matrix: Water
Analysis Batch: 217598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217271

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9620		mg/L		96	80 - 120	0	20

Lab Sample ID: MB 860-217861/1-A
Matrix: Water
Analysis Batch: 218514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:22	1

Lab Sample ID: LCS 860-217861/2-A
Matrix: Water
Analysis Batch: 218514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9630		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-217861/3-A
Matrix: Water
Analysis Batch: 218514

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9650		mg/L		97	80 - 120	0	20

Lab Sample ID: 860-93686-2 MS
Matrix: Water
Analysis Batch: 218514

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	2.93		1.00	3.950		mg/L		102	75 - 125

Lab Sample ID: 860-93686-2 MSD
Matrix: Water
Analysis Batch: 218514

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	2.93		1.00	4.000		mg/L		107	75 - 125	1	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-217089/1-A
Matrix: Water
Analysis Batch: 217390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217089

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/17/25 13:00	02/17/25 22:10	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/17/25 13:00	02/17/25 22:10	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/17/25 13:00	02/17/25 22:10	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/17/25 13:00	02/17/25 22:10	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/17/25 13:00	02/17/25 22:10	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/17/25 13:00	02/17/25 22:10	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: MB 860-217089/1-A
Matrix: Water
Analysis Batch: 217390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217089

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/17/25 13:00	02/17/25 22:10	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/17/25 13:00	02/17/25 22:10	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/17/25 13:00	02/17/25 22:10	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/17/25 13:00	02/17/25 22:10	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/17/25 13:00	02/17/25 22:10	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/17/25 13:00	02/17/25 22:10	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/17/25 13:00	02/17/25 22:10	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/17/25 13:00	02/17/25 22:10	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/17/25 13:00	02/17/25 22:10	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/17/25 13:00	02/17/25 22:10	1

Lab Sample ID: LCS 860-217089/2-A
Matrix: Water
Analysis Batch: 217390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217089

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1020		mg/L		102	80 - 120
Barium	0.100	0.1023		mg/L		102	80 - 120
Beryllium	0.100	0.1034		mg/L		103	80 - 120
Boron	0.100	0.09597		mg/L		96	80 - 120
Cadmium	0.100	0.1003		mg/L		100	80 - 120
Calcium	2.50	2.370		mg/L		95	80 - 120
Chromium	0.100	0.1004		mg/L		100	80 - 120
Cobalt	0.100	0.1042		mg/L		104	80 - 120
Potassium	1.00	1.013		mg/L		101	80 - 120
Magnesium	2.50	2.540		mg/L		102	80 - 120
Molybdenum	0.100	0.1005		mg/L		101	80 - 120
Sodium	2.50	2.539		mg/L		102	80 - 120
Lead	0.100	0.1005		mg/L		101	80 - 120
Antimony	0.100	0.09940		mg/L		99	80 - 120
Selenium	0.100	0.1003		mg/L		100	80 - 120
Thallium	0.100	0.1004		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-217089/3-A
Matrix: Water
Analysis Batch: 217390

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217089

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.1011		mg/L		101	80 - 120	1	20
Barium	0.100	0.1025		mg/L		103	80 - 120	0	20
Beryllium	0.100	0.1024		mg/L		102	80 - 120	1	20
Boron	0.100	0.09674		mg/L		97	80 - 120	1	20
Cadmium	0.100	0.09970		mg/L		100	80 - 120	1	20
Calcium	2.50	2.365		mg/L		95	80 - 120	0	20
Chromium	0.100	0.09991		mg/L		100	80 - 120	1	20
Cobalt	0.100	0.1027		mg/L		103	80 - 120	1	20
Potassium	1.00	1.011		mg/L		101	80 - 120	0	20
Magnesium	2.50	2.548		mg/L		102	80 - 120	0	20
Molybdenum	0.100	0.1006		mg/L		101	80 - 120	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: LCSD 860-217089/3-A
Matrix: Water
Analysis Batch: 217390

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217089

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	2.50	2.515		mg/L		101	80 - 120	1	20
Lead	0.100	0.1008		mg/L		101	80 - 120	0	20
Antimony	0.100	0.09989		mg/L		100	80 - 120	0	20
Selenium	0.100	0.1000		mg/L		100	80 - 120	0	20
Thallium	0.100	0.1003		mg/L		100	80 - 120	0	20

Lab Sample ID: MB 860-217342/1-A
Matrix: Water
Analysis Batch: 217788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/18/25 13:00	02/19/25 19:13	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/18/25 13:00	02/19/25 19:13	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/18/25 13:00	02/19/25 19:13	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/18/25 13:00	02/19/25 19:13	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/18/25 13:00	02/19/25 19:13	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/18/25 13:00	02/19/25 19:13	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/18/25 13:00	02/19/25 19:13	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/18/25 13:00	02/19/25 19:13	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/18/25 13:00	02/19/25 19:13	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/18/25 13:00	02/19/25 19:13	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/18/25 13:00	02/19/25 19:13	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/18/25 13:00	02/19/25 19:13	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/18/25 13:00	02/19/25 19:13	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/18/25 13:00	02/19/25 19:13	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/18/25 13:00	02/19/25 19:13	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/18/25 13:00	02/19/25 19:13	1

Lab Sample ID: LCS 860-217342/2-A
Matrix: Water
Analysis Batch: 217788

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09919		mg/L		99	80 - 120
Barium	0.100	0.09603		mg/L		96	80 - 120
Beryllium	0.100	0.09634		mg/L		96	80 - 120
Boron	0.100	0.09598		mg/L		96	80 - 120
Cadmium	0.100	0.09974		mg/L		100	80 - 120
Calcium	2.50	2.261		mg/L		90	80 - 120
Chromium	0.100	0.09881		mg/L		99	80 - 120
Cobalt	0.100	0.09967		mg/L		100	80 - 120
Potassium	1.00	0.9858		mg/L		99	80 - 120
Magnesium	2.50	2.608		mg/L		104	80 - 120
Molybdenum	0.100	0.1005		mg/L		100	80 - 120
Sodium	2.50	2.608		mg/L		104	80 - 120
Lead	0.100	0.09902		mg/L		99	80 - 120
Antimony	0.100	0.09890		mg/L		99	80 - 120
Selenium	0.100	0.09779		mg/L		98	80 - 120
Thallium	0.100	0.09873		mg/L		99	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: LCSD 860-217342/3-A
Matrix: Water
Analysis Batch: 217788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217342

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09902		mg/L		99	80 - 120	0	20
Barium	0.100	0.09582		mg/L		96	80 - 120	0	20
Beryllium	0.100	0.09849		mg/L		98	80 - 120	2	20
Boron	0.100	0.09837		mg/L		98	80 - 120	2	20
Cadmium	0.100	0.09990		mg/L		100	80 - 120	0	20
Calcium	2.50	2.233		mg/L		89	80 - 120	1	20
Chromium	0.100	0.09900		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.1001		mg/L		100	80 - 120	0	20
Potassium	1.00	0.9745		mg/L		97	80 - 120	1	20
Magnesium	2.50	2.581		mg/L		103	80 - 120	1	20
Molybdenum	0.100	0.1007		mg/L		101	80 - 120	0	20
Sodium	2.50	2.581		mg/L		103	80 - 120	1	20
Lead	0.100	0.09888		mg/L		99	80 - 120	0	20
Antimony	0.100	0.09876		mg/L		99	80 - 120	0	20
Selenium	0.100	0.09772		mg/L		98	80 - 120	0	20
Thallium	0.100	0.09833		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 860-217553/1-A
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/19/25 08:30	02/19/25 23:19	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/19/25 08:30	02/19/25 23:19	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/19/25 08:30	02/19/25 23:19	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/19/25 08:30	02/19/25 23:19	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/19/25 08:30	02/19/25 23:19	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/19/25 08:30	02/19/25 23:19	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/19/25 08:30	02/19/25 23:19	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/19/25 08:30	02/19/25 23:19	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/19/25 08:30	02/19/25 23:19	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/19/25 08:30	02/19/25 23:19	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 08:30	02/19/25 23:19	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/19/25 08:30	02/19/25 23:19	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/19/25 08:30	02/19/25 23:19	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/19/25 08:30	02/19/25 23:19	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/19/25 08:30	02/19/25 23:19	1

Lab Sample ID: MB 860-217553/1-A
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 08:30	02/20/25 18:17	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: LCS 860-217553/2-A
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09750		mg/L		98	80 - 120
Barium	0.100	0.09352		mg/L		94	80 - 120
Beryllium	0.100	0.09902		mg/L		99	80 - 120
Boron	0.100	0.09516		mg/L		95	80 - 120
Cadmium	0.100	0.1010		mg/L		101	80 - 120
Chromium	0.100	0.09926		mg/L		99	80 - 120
Cobalt	0.100	0.1011		mg/L		101	80 - 120
Potassium	1.00	0.9809		mg/L		98	80 - 120
Magnesium	2.50	2.545		mg/L		102	80 - 120
Molybdenum	0.100	0.1011		mg/L		101	80 - 120
Sodium	2.50	2.451		mg/L		98	80 - 120
Lead	0.100	0.09881		mg/L		99	80 - 120
Antimony	0.100	0.09023		mg/L		90	80 - 120
Selenium	0.100	0.09615		mg/L		96	80 - 120
Thallium	0.100	0.1024		mg/L		102	80 - 120

Lab Sample ID: LCS 860-217553/2-A
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	2.50	2.296		mg/L		92	80 - 120

Lab Sample ID: LCSD 860-217553/3-A
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09886		mg/L		99	80 - 120	1	20
Barium	0.100	0.09282		mg/L		93	80 - 120	1	20
Beryllium	0.100	0.1014		mg/L		101	80 - 120	2	20
Boron	0.100	0.09913		mg/L		99	80 - 120	4	20
Cadmium	0.100	0.1020		mg/L		102	80 - 120	1	20
Chromium	0.100	0.1000		mg/L		100	80 - 120	1	20
Cobalt	0.100	0.1029		mg/L		103	80 - 120	2	20
Potassium	1.00	1.007		mg/L		101	80 - 120	3	20
Magnesium	2.50	2.611		mg/L		104	80 - 120	3	20
Molybdenum	0.100	0.1016		mg/L		102	80 - 120	1	20
Sodium	2.50	2.508		mg/L		100	80 - 120	2	20
Lead	0.100	0.09932		mg/L		99	80 - 120	1	20
Antimony	0.100	0.09065		mg/L		91	80 - 120	0	20
Selenium	0.100	0.09251		mg/L		93	80 - 120	4	20
Thallium	0.100	0.1023		mg/L		102	80 - 120	0	20

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: LCSD 860-217553/3-A
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	2.50	2.277		mg/L		91	80 - 120	1	20

Lab Sample ID: MB 860-217225/1-B
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/19/25 10:00	02/20/25 01:38	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/19/25 10:00	02/20/25 01:38	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/19/25 10:00	02/20/25 01:38	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/19/25 10:00	02/20/25 01:38	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/19/25 10:00	02/20/25 01:38	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/19/25 10:00	02/20/25 01:38	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/19/25 10:00	02/20/25 01:38	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/19/25 10:00	02/20/25 01:38	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/19/25 10:00	02/20/25 01:38	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/19/25 10:00	02/20/25 01:38	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/19/25 10:00	02/20/25 01:38	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/19/25 10:00	02/20/25 01:38	1

Lab Sample ID: MB 860-217225/1-B
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/19/25 10:00	02/20/25 19:39	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/19/25 10:00	02/20/25 19:39	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 10:00	02/20/25 19:39	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 10:00	02/20/25 19:39	1

Lab Sample ID: LCS 860-217225/2-B
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09728		mg/L		97	80 - 120
Barium	0.100	0.09876		mg/L		99	80 - 120
Cadmium	0.100	0.09953		mg/L		100	80 - 120
Chromium	0.100	0.09820		mg/L		98	80 - 120
Cobalt	0.100	0.09812		mg/L		98	80 - 120
Potassium	1.00	1.017		mg/L		102	80 - 120
Magnesium	2.50	2.593		mg/L		104	80 - 120
Molybdenum	0.100	0.09864		mg/L		99	80 - 120
Lead	0.100	0.09853		mg/L		99	80 - 120
Antimony	0.100	0.09396		mg/L		94	80 - 120
Selenium	0.100	0.09896		mg/L		99	80 - 120
Thallium	0.100	0.1014		mg/L		101	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: LCS 860-217225/2-B
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.09769		mg/L		98	80 - 120
Boron	0.100	0.09994		mg/L		100	80 - 120
Calcium	2.50	2.297		mg/L		92	80 - 120
Sodium	2.50	2.523		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-217225/3-B
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09685		mg/L		97	80 - 120	0	20
Barium	0.100	0.09901		mg/L		99	80 - 120	0	20
Cadmium	0.100	0.09896		mg/L		99	80 - 120	1	20
Chromium	0.100	0.09708		mg/L		97	80 - 120	1	20
Cobalt	0.100	0.09734		mg/L		97	80 - 120	1	20
Potassium	1.00	1.002		mg/L		100	80 - 120	2	20
Magnesium	2.50	2.550		mg/L		102	80 - 120	2	20
Molybdenum	0.100	0.09768		mg/L		98	80 - 120	1	20
Lead	0.100	0.09929		mg/L		99	80 - 120	1	20
Antimony	0.100	0.09618		mg/L		96	80 - 120	2	20
Selenium	0.100	0.09895		mg/L		99	80 - 120	0	20
Thallium	0.100	0.1013		mg/L		101	80 - 120	0	20

Lab Sample ID: LCSD 860-217225/3-B
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	0.100	0.09820		mg/L		98	80 - 120	1	20
Boron	0.100	0.09948		mg/L		99	80 - 120	0	20
Calcium	2.50	2.291		mg/L		92	80 - 120	0	20
Sodium	2.50	2.537		mg/L		101	80 - 120	1	20

Lab Sample ID: 860-93686-2 MS
Matrix: Water
Analysis Batch: 217789

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0662		0.100	0.1585		mg/L		92	75 - 125
Barium	0.0228	J	0.100	0.1262		mg/L		103	75 - 125
Cadmium	0.532		0.100	0.6087	4	mg/L		77	75 - 125
Chromium	0.00560	U	0.100	0.09173		mg/L		92	75 - 125
Cobalt	1.53		0.100	1.615	4	mg/L		86	75 - 125
Potassium	30.7		1.00	30.48	4	mg/L		-25	75 - 125
Magnesium	308		2.50	310.2	4	mg/L		107	75 - 125
Molybdenum	0.00255	U	0.100	0.09656		mg/L		97	75 - 125
Lead	0.00367	U	0.100	0.1023		mg/L		102	75 - 125
Antimony	0.00750	U	0.100	0.1074		mg/L		107	75 - 125
Thallium	0.00964	J	0.100	0.1062		mg/L		97	75 - 125

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: 860-93686-2 MS

Matrix: Water

Analysis Batch: 217988

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.278		0.100	0.3685		mg/L		90	75 - 125
Selenium	0.573		0.100	0.6789	4	mg/L		106	75 - 125

Lab Sample ID: 860-93686-2 MS

Matrix: Water

Analysis Batch: 217988

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	11.3		0.100	10.88	4	mg/L		-442	75 - 125
Calcium	885		2.50	847.3	4	mg/L		-1516	75 - 125
Sodium	3770		2.50	3587	4	mg/L		-7132	75 - 125

Lab Sample ID: 860-93686-2 MSD

Matrix: Water

Analysis Batch: 217789

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.0662		0.100	0.1579		mg/L		92	75 - 125	0	20
Barium	0.0228	J	0.100	0.1254		mg/L		103	75 - 125	1	20
Cadmium	0.532		0.100	0.6199	4	mg/L		88	75 - 125	2	20
Chromium	0.00560	U	0.100	0.09199		mg/L		92	75 - 125	0	20
Cobalt	1.53		0.100	1.570	4	mg/L		41	75 - 125	3	20
Potassium	30.7		1.00	30.62	4	mg/L		-12	75 - 125	0	20
Magnesium	308		2.50	301.6	4	mg/L		-237	75 - 125	3	20
Molybdenum	0.00255	U	0.100	0.09499		mg/L		95	75 - 125	2	20
Lead	0.00367	U	0.100	0.1023		mg/L		102	75 - 125	0	20
Antimony	0.00750	U	0.100	0.09931		mg/L		99	75 - 125	8	20
Thallium	0.00964	J	0.100	0.1060		mg/L		96	75 - 125	0	20

Lab Sample ID: 860-93686-2 MSD

Matrix: Water

Analysis Batch: 217988

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	0.278		0.100	0.3699		mg/L		92	75 - 125	0	20
Selenium	0.573		0.100	0.6543	4	mg/L		81	75 - 125	4	20

Lab Sample ID: 860-93686-2 MSD

Matrix: Water

Analysis Batch: 217988

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	11.3		0.100	10.28	4	mg/L		-1042	75 - 125	6	20
Calcium	885		2.50	833.9	4	mg/L		-2052	75 - 125	2	20
Sodium	3770		2.50	3520	4	mg/L		-9796	75 - 125	2	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: MB 860-231604/1-A
Matrix: Water
Analysis Batch: 231703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 231604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		04/25/25 10:30	04/25/25 18:50	1
Barium	0.00134	U	0.00400	0.00134	mg/L		04/25/25 10:30	04/25/25 18:50	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		04/25/25 10:30	04/25/25 18:50	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		04/25/25 10:30	04/25/25 18:50	1
Calcium	0.0301	U	0.100	0.0301	mg/L		04/25/25 10:30	04/25/25 18:50	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		04/25/25 10:30	04/25/25 18:50	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		04/25/25 10:30	04/25/25 18:50	1
Potassium	0.0220	U	0.100	0.0220	mg/L		04/25/25 10:30	04/25/25 18:50	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		04/25/25 10:30	04/25/25 18:50	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		04/25/25 10:30	04/25/25 18:50	1
Lead	0.000367	U	0.00200	0.000367	mg/L		04/25/25 10:30	04/25/25 18:50	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		04/25/25 10:30	04/25/25 18:50	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		04/25/25 10:30	04/25/25 18:50	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		04/25/25 10:30	04/25/25 18:50	1

Lab Sample ID: MB 860-231604/1-A
Matrix: Water
Analysis Batch: 232084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 231604

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		04/25/25 10:30	04/28/25 12:48	1
Sodium	0.0564	U	0.100	0.0564	mg/L		04/25/25 10:30	04/28/25 12:48	1

Lab Sample ID: LCS 860-231604/2-A
Matrix: Water
Analysis Batch: 231703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 231604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1020		mg/L		102	80 - 120
Barium	0.100	0.1010		mg/L		101	80 - 120
Beryllium	0.100	0.09675		mg/L		97	80 - 120
Cadmium	0.100	0.09933		mg/L		99	80 - 120
Calcium	2.50	2.607		mg/L		104	80 - 120
Chromium	0.100	0.1007		mg/L		101	80 - 120
Cobalt	0.100	0.1015		mg/L		101	80 - 120
Potassium	1.00	1.008		mg/L		101	80 - 120
Magnesium	2.50	2.503		mg/L		100	80 - 120
Molybdenum	0.100	0.09975		mg/L		100	80 - 120
Lead	0.100	0.09904		mg/L		99	80 - 120
Antimony	0.100	0.09826		mg/L		98	80 - 120
Selenium	0.100	0.09963		mg/L		100	80 - 120
Thallium	0.100	0.1011		mg/L		101	80 - 120

Lab Sample ID: LCS 860-231604/2-A
Matrix: Water
Analysis Batch: 232084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 231604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.1005		mg/L		100	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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

Lab Sample ID: LCS 860-231604/2-A

Matrix: Water

Analysis Batch: 232084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 231604

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	2.50	2.494		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-231604/3-A

Matrix: Water

Analysis Batch: 231703

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 231604

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Arsenic	0.100	0.1024		mg/L		102	80 - 120	0	20
Barium	0.100	0.1007		mg/L		101	80 - 120	0	20
Beryllium	0.100	0.09653		mg/L		97	80 - 120	0	20
Cadmium	0.100	0.09964		mg/L		100	80 - 120	0	20
Calcium	2.50	2.618		mg/L		105	80 - 120	0	20
Chromium	0.100	0.1011		mg/L		101	80 - 120	0	20
Cobalt	0.100	0.1024		mg/L		102	80 - 120	1	20
Potassium	1.00	1.023		mg/L		102	80 - 120	1	20
Magnesium	2.50	2.505		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1001		mg/L		100	80 - 120	0	20
Lead	0.100	0.1000		mg/L		100	80 - 120	1	20
Antimony	0.100	0.09926		mg/L		99	80 - 120	1	20
Selenium	0.100	0.1008		mg/L		101	80 - 120	1	20
Thallium	0.100	0.1020		mg/L		102	80 - 120	1	20

Lab Sample ID: LCSD 860-231604/3-A

Matrix: Water

Analysis Batch: 232084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 231604

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Boron	0.100	0.1041		mg/L		104	80 - 120	4	20
Sodium	2.50	2.509		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-217219/1-A

Matrix: Water

Analysis Batch: 217453

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		02/18/25 05:52	02/18/25 15:16	1

Lab Sample ID: LCS 860-217219/2-A

Matrix: Water

Analysis Batch: 217453

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002006		mg/L		100	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 860-217219/3-A
Matrix: Water
Analysis Batch: 217453

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217219

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001945		mg/L		97	80 - 120	3	20

Lab Sample ID: MB 860-217579/12-B
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217794

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		02/20/25 09:49	02/20/25 16:08	1

Lab Sample ID: MB 860-217794/1-A
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217794

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 15:22	1

Lab Sample ID: LCS 860-217579/13-B
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.00200	0.002128		mg/L		106	80 - 120		

Lab Sample ID: LCS 860-217794/2-A
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.00200	0.001711		mg/L		86	80 - 120		

Lab Sample ID: LCSD 860-217579/14-B
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001909		mg/L		95	80 - 120	11	20

Lab Sample ID: LCSD 860-217794/3-A
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001774		mg/L		89	80 - 120	4	20

Lab Sample ID: 860-93686-2 MS
Matrix: Water
Analysis Batch: 217979

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.00228		0.00200	0.003960		mg/L		84	75 - 125		

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 860-93686-2 MSD
Matrix: Water
Analysis Batch: 217979

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00228		0.00200	0.003856		mg/L		79	75 - 125	3	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-216791/3
Matrix: Water
Analysis Batch: 216791

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/14/25 10:26	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/14/25 10:26	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/14/25 10:26	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/14/25 10:26	1

Lab Sample ID: LCS 860-216791/4
Matrix: Water
Analysis Batch: 216791

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	241.3		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-216791/5
Matrix: Water
Analysis Batch: 216791

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
Total Alkalinity	250	240.3		mg/L		96	85 - 115	0	20

Lab Sample ID: MB 860-217014/3
Matrix: Water
Analysis Batch: 217014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1

Lab Sample ID: MB 860-217014/34
Matrix: Water
Analysis Batch: 217014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 860-217014/35

Matrix: Water

Analysis Batch: 217014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	241.5		mg/L		97	85 - 115

Lab Sample ID: LCS 860-217014/4

Matrix: Water

Analysis Batch: 217014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	240.9		mg/L		96	85 - 115

Lab Sample ID: LCSD 860-217014/36

Matrix: Water

Analysis Batch: 217014

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
Total Alkalinity	250	242.6		mg/L		97	85 - 115	0	20

Lab Sample ID: 860-93686-10 DU

Matrix: Water

Analysis Batch: 217014

Client Sample ID: PZ-05

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	4.00	U	4.00	U	mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	U	mg/L		NC	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

Lab Sample ID: 860-93686-12 DU

Matrix: Water

Analysis Batch: 217014

Client Sample ID: Dup-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	4.00	U	4.00	U	mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	U	mg/L		NC	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

Lab Sample ID: MB 860-217127/3

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 860-217127/31

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1

Lab Sample ID: LCS 860-217127/32

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	242.1		mg/L		97	85 - 115

Lab Sample ID: LCS 860-217127/4

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	239.4		mg/L		96	85 - 115

Lab Sample ID: LCSD 860-217127/33

Matrix: Water

Analysis Batch: 217127

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
Total Alkalinity	250	241.4		mg/L		97	85 - 115	0	20

Lab Sample ID: LCSD 860-217127/5

Matrix: Water

Analysis Batch: 217127

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
Total Alkalinity	250	240.1		mg/L		96	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-217544/1

Matrix: Water

Analysis Batch: 217544

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			02/19/25 08:55	1

Lab Sample ID: LCS 860-217544/2

Matrix: Water

Analysis Batch: 217544

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	979.0		mg/L		98	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 860-93686-1 DU
Matrix: Water
Analysis Batch: 217544

Client Sample ID: PZ-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	13200		13160		mg/L		0.08	10

Lab Sample ID: 860-93686-2 DU
Matrix: Water
Analysis Batch: 217544

Client Sample ID: PZ-03
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	15900		15650		mg/L		2	10

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-704932/1-A
Matrix: Water
Analysis Batch: 707020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704932

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2051	U	0.317	0.318	1.00	0.538	pCi/L	02/26/25 08:08	03/11/25 11:41	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.1		30 - 110					02/26/25 08:08	03/11/25 11:41	1
Y Carrier	84.9		30 - 110					02/26/25 08:08	03/11/25 11:41	1

Lab Sample ID: LCS 160-704932/2-A
Matrix: Water
Analysis Batch: 707020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 704932

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.03	9.867		1.34	1.00	0.502	pCi/L	123	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	86.6		30 - 110						
Y Carrier	82.2		30 - 110						

Lab Sample ID: MB 160-704938/1-A
Matrix: Water
Analysis Batch: 706561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704938

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.05300	U	0.296	0.296	1.00	0.540	pCi/L	02/26/25 08:23	03/07/25 12:21	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.9		30 - 110					02/26/25 08:23	03/07/25 12:21	1
Y Carrier	80.4		30 - 110					02/26/25 08:23	03/07/25 12:21	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-704938/2-A
Matrix: Water
Analysis Batch: 706561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 704938

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			8.04	7.978		1.14	1.00	0.555	pCi/L	99	75 - 125		
	LCS	LCS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	91.9		30 - 110										
Y Carrier	85.6		30 - 110										

Lab Sample ID: 860-93686-2 MS
Matrix: Water
Analysis Batch: 706559

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 704938

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	5.43	G	10.6	14.97		2.14	1.00	1.02	pCi/L	90	60 - 140		
	MS	MS											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	90.1		30 - 110										
Y Carrier	81.1		30 - 110										

Lab Sample ID: 860-93686-2 MSD
Matrix: Water
Analysis Batch: 706559

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 704938

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228	5.43	G	10.7	15.27		2.15	1.00	0.969	pCi/L	92	60 - 140	0.07	1
	MSD	MSD											
Carrier	%Yield	Qualifier	Limits										
Ba Carrier	91.1		30 - 110										
Y Carrier	81.9		30 - 110										

Method: SM7500 Ra B - Radium-226

Lab Sample ID: MB 810-134082/1-A
Matrix: Water
Analysis Batch: 136469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134082

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.1500	U	0.300		1.00	0.410	pCi/L	02/21/25 09:23	03/12/25 15:47	1

Lab Sample ID: LCS 810-134082/2-A
Matrix: Water
Analysis Batch: 136469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134082

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Ra-226			5.06	4.700			1.00	0.360	pCi/L	93	90 - 110		

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method: SM7500 Ra B - Radium-226 (Continued)

Lab Sample ID: 860-93686-2 MS
Matrix: Water
Analysis Batch: 137083

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 134082

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	1.90		5.41	4.140	F1		1.00	0.160	pCi/L	42	80 - 120

Lab Sample ID: 860-93686-2 MSD
Matrix: Water
Analysis Batch: 137083

Client Sample ID: PZ-03
Prep Type: Total/NA
Prep Batch: 134082

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Ra-226	1.90		5.39	3.400	F1		1.00	0.110	pCi/L	28	80 - 120	0.60	

Lab Sample ID: MB 810-134302/1-A
Matrix: Water
Analysis Batch: 136298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134302

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.6800		0.490		1.00	0.410	pCi/L	02/24/25 10:29	03/12/25 09:15	1

Lab Sample ID: LCS 810-134302/2-A
Matrix: Water
Analysis Batch: 136298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134302

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.06	4.800			1.00	0.380	pCi/L	95	90 - 110

Lab Sample ID: 860-93686-10 MS
Matrix: Water
Analysis Batch: 136298

Client Sample ID: PZ-05
Prep Type: Total/NA
Prep Batch: 134302

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	2.36		7.95	10.05			1.00	0.610	pCi/L	97	80 - 120

Lab Sample ID: 860-93686-10 MSD
Matrix: Water
Analysis Batch: 136298

Client Sample ID: PZ-05
Prep Type: Total/NA
Prep Batch: 134302

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Ra-226	2.36		7.91	8.950			1.00	0.490	pCi/L	83	80 - 120	0.30	

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

HPLC/IC

Analysis Batch: 216704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	300.0	
MB 860-216704/3	Method Blank	Total/NA	Water	300.0	
LCS 860-216704/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-216704/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-216704/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 216711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-3	AP-31	Total/NA	Water	300.0	
860-93686-4	AP-32	Total/NA	Water	300.0	
860-93686-5	AP-33	Total/NA	Water	300.0	
860-93686-6	AP-34	Total/NA	Water	300.0	
860-93686-7	AP-35	Total/NA	Water	300.0	
860-93686-8	AP-36	Total/NA	Water	300.0	
860-93686-9	MW-03	Total/NA	Water	300.0	
860-93686-10	PZ-05	Total/NA	Water	300.0	
860-93686-11	PZ-06	Total/NA	Water	300.0	
860-93686-12	Dup-02	Total/NA	Water	300.0	
860-93686-13	FB-02	Total/NA	Water	300.0	
MB 860-216711/18	Method Blank	Total/NA	Water	300.0	
LCS 860-216711/19	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-216711/20	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-216711/22	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 216810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	300.0	
860-93686-2 - DL	PZ-03	Total/NA	Water	300.0	
860-93686-14	EB-01	Total/NA	Water	300.0	
MB 860-216810/3	Method Blank	Total/NA	Water	300.0	
LCS 860-216810/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-216810/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-216810/74	Lab Control Sample	Total/NA	Water	300.0	
860-93686-2 MS	PZ-03	Total/NA	Water	300.0	
860-93686-2 MSD	PZ-03	Total/NA	Water	300.0	

Analysis Batch: 217020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-13	FB-02	Total/NA	Water	300.0	
MB 860-217020/3	Method Blank	Total/NA	Water	300.0	
LCS 860-217020/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-217020/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-217020/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Leach Batch: 217018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-217018/1-B	Method Blank	Total/NA	Water	1311	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Metals

Prep Batch: 217089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-5	AP-33	Total/NA	Water	3010A	
860-93686-9	MW-03	Total/NA	Water	3010A	
860-93686-11	PZ-06	Total/NA	Water	3010A	
860-93686-14	EB-01	Total/NA	Water	3010A	
MB 860-217089/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217089/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217089/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 217090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	3010A	
860-93686-5	AP-33	Total/NA	Water	3010A	
860-93686-7	AP-35	Total/NA	Water	3010A	
860-93686-8	AP-36	Total/NA	Water	3010A	
860-93686-9	MW-03	Total/NA	Water	3010A	
860-93686-10	PZ-05	Total/NA	Water	3010A	
860-93686-11	PZ-06	Total/NA	Water	3010A	
860-93686-12	Dup-02	Total/NA	Water	3010A	
860-93686-13	FB-02	Total/NA	Water	3010A	
860-93686-14	EB-01	Total/NA	Water	3010A	
MB 860-217090/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217090/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217090/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-93686-14 MS	EB-01	Total/NA	Water	3010A	
860-93686-14 MSD	EB-01	Total/NA	Water	3010A	

Prep Batch: 217219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	7470A	
860-93686-5	AP-33	Total/NA	Water	7470A	
860-93686-6	AP-34	Total/NA	Water	7470A	
860-93686-8	AP-36	Total/NA	Water	7470A	
860-93686-9	MW-03	Total/NA	Water	7470A	
860-93686-10	PZ-05	Total/NA	Water	7470A	
860-93686-11	PZ-06	Total/NA	Water	7470A	
860-93686-14	EB-01	Total/NA	Water	7470A	
MB 860-217219/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-217219/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-217219/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Filtration Batch: 217225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-217225/1-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 217271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-6	AP-34	Total/NA	Water	3010A	
LB 860-217018/1-B	Method Blank	Total/NA	Water	3010A	217018
MB 860-217271/1-A	Method Blank	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Metals (Continued)

Prep Batch: 217271 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-217271/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217271/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 217274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	6010D	217090
860-93686-5	AP-33	Total/NA	Water	6010D	217090
860-93686-7	AP-35	Total/NA	Water	6010D	217090
860-93686-8	AP-36	Total/NA	Water	6010D	217090
860-93686-9	MW-03	Total/NA	Water	6010D	217090
860-93686-10	PZ-05	Total/NA	Water	6010D	217090
860-93686-11	PZ-06	Total/NA	Water	6010D	217090
860-93686-12	Dup-02	Total/NA	Water	6010D	217090
860-93686-13	FB-02	Total/NA	Water	6010D	217090
860-93686-14	EB-01	Total/NA	Water	6010D	217090
MB 860-217090/1-A	Method Blank	Total/NA	Water	6010D	217090
LCS 860-217090/2-A	Lab Control Sample	Total/NA	Water	6010D	217090
LCSD 860-217090/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	217090
860-93686-14 MS	EB-01	Total/NA	Water	6010D	217090
860-93686-14 MSD	EB-01	Total/NA	Water	6010D	217090

Prep Batch: 217342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-7	AP-35	Total/NA	Water	3010A	
860-93686-10	PZ-05	Total/NA	Water	3010A	
860-93686-12	Dup-02	Total/NA	Water	3010A	
860-93686-13	FB-02	Total/NA	Water	3010A	
MB 860-217342/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217342/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217342/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 217390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-9	MW-03	Total/NA	Water	6020A	217089
860-93686-11	PZ-06	Total/NA	Water	6020A	217089
860-93686-14	EB-01	Total/NA	Water	6020A	217089
MB 860-217089/1-A	Method Blank	Total/NA	Water	6020A	217089
LCS 860-217089/2-A	Lab Control Sample	Total/NA	Water	6020A	217089
LCSD 860-217089/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217089

Analysis Batch: 217453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	7470A	217219
860-93686-5	AP-33	Total/NA	Water	7470A	217219
860-93686-6	AP-34	Total/NA	Water	7470A	217219
860-93686-8	AP-36	Total/NA	Water	7470A	217219
860-93686-9	MW-03	Total/NA	Water	7470A	217219
860-93686-10	PZ-05	Total/NA	Water	7470A	217219
860-93686-11	PZ-06	Total/NA	Water	7470A	217219
860-93686-14	EB-01	Total/NA	Water	7470A	217219
MB 860-217219/1-A	Method Blank	Total/NA	Water	7470A	217219

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Metals (Continued)

Analysis Batch: 217453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-217219/2-A	Lab Control Sample	Total/NA	Water	7470A	217219
LCSD 860-217219/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	217219

Analysis Batch: 217499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-5	AP-33	Total/NA	Water	6020A	217089
860-93686-5	AP-33	Total/NA	Water	6020A	217089
860-93686-9	MW-03	Total/NA	Water	6020A	217089
860-93686-9	MW-03	Total/NA	Water	6020A	217089
860-93686-9	MW-03	Total/NA	Water	6020A	217089
860-93686-11	PZ-06	Total/NA	Water	6020A	217089
860-93686-11	PZ-06	Total/NA	Water	6020A	217089
860-93686-11	PZ-06	Total/NA	Water	6020A	217089
860-93686-14	EB-01	Total/NA	Water	6020A	217089

Prep Batch: 217553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-3	AP-31	Total/NA	Water	3010A	
860-93686-4	AP-32	Total/NA	Water	3010A	
MB 860-217553/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217553/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217553/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Filtration Batch: 217579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-217579/12-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-217579/13-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-217579/14-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Analysis Batch: 217598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-6	AP-34	Total/NA	Water	6010D	217271
LB 860-217018/1-B	Method Blank	Total/NA	Water	6010D	217271
MB 860-217271/1-A	Method Blank	Total/NA	Water	6010D	217271
LCS 860-217271/2-A	Lab Control Sample	Total/NA	Water	6010D	217271
LCSD 860-217271/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	217271

Prep Batch: 217600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	3010A	
MB 860-217225/1-B	Method Blank	Total/NA	Water	3010A	217225
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	3010A	217225
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	217225
860-93686-2 MS	PZ-03	Total/NA	Water	3010A	
860-93686-2 MSD	PZ-03	Total/NA	Water	3010A	

Analysis Batch: 217788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-7	AP-35	Total/NA	Water	6020A	217342
860-93686-7	AP-35	Total/NA	Water	6020A	217342
860-93686-10	PZ-05	Total/NA	Water	6020A	217342

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Metals (Continued)

Analysis Batch: 217788 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-10	PZ-05	Total/NA	Water	6020A	217342
860-93686-12	Dup-02	Total/NA	Water	6020A	217342
860-93686-12	Dup-02	Total/NA	Water	6020A	217342
860-93686-13	FB-02	Total/NA	Water	6020A	217342
MB 860-217342/1-A	Method Blank	Total/NA	Water	6020A	217342
LCS 860-217342/2-A	Lab Control Sample	Total/NA	Water	6020A	217342
LCSD 860-217342/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217342

Analysis Batch: 217789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	6020A	217600
860-93686-3	AP-31	Total/NA	Water	6020A	217553
860-93686-4	AP-32	Total/NA	Water	6020A	217553
MB 860-217225/1-B	Method Blank	Total/NA	Water	6020A	217600
MB 860-217553/1-A	Method Blank	Total/NA	Water	6020A	217553
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	6020A	217600
LCS 860-217553/2-A	Lab Control Sample	Total/NA	Water	6020A	217553
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	217600
LCSD 860-217553/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217553
860-93686-2 MS	PZ-03	Total/NA	Water	6020A	217600
860-93686-2 MSD	PZ-03	Total/NA	Water	6020A	217600

Prep Batch: 217794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	7470A	
860-93686-3	AP-31	Total/NA	Water	7470A	
860-93686-4	AP-32	Total/NA	Water	7470A	
860-93686-7	AP-35	Total/NA	Water	7470A	
860-93686-12	Dup-02	Total/NA	Water	7470A	
860-93686-13	FB-02	Total/NA	Water	7470A	
MB 860-217579/12-B	Method Blank	Total/NA	Water	7470A	217579
MB 860-217794/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-217579/13-B	Lab Control Sample	Total/NA	Water	7470A	217579
LCS 860-217794/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-217579/14-B	Lab Control Sample Dup	Total/NA	Water	7470A	217579
LCSD 860-217794/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
860-93686-2 MS	PZ-03	Total/NA	Water	7470A	
860-93686-2 MSD	PZ-03	Total/NA	Water	7470A	

Prep Batch: 217861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	3010A	
860-93686-3	AP-31	Total/NA	Water	3010A	
860-93686-4	AP-32	Total/NA	Water	3010A	
MB 860-217861/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217861/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217861/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-93686-2 MS	PZ-03	Total/NA	Water	3010A	
860-93686-2 MSD	PZ-03	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Metals

Analysis Batch: 217979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	7470A	217794
860-93686-3	AP-31	Total/NA	Water	7470A	217794
860-93686-4	AP-32	Total/NA	Water	7470A	217794
860-93686-7	AP-35	Total/NA	Water	7470A	217794
860-93686-12	Dup-02	Total/NA	Water	7470A	217794
860-93686-13	FB-02	Total/NA	Water	7470A	217794
MB 860-217579/12-B	Method Blank	Total/NA	Water	7470A	217794
MB 860-217794/1-A	Method Blank	Total/NA	Water	7470A	217794
LCS 860-217579/13-B	Lab Control Sample	Total/NA	Water	7470A	217794
LCS 860-217794/2-A	Lab Control Sample	Total/NA	Water	7470A	217794
LCSD 860-217579/14-B	Lab Control Sample Dup	Total/NA	Water	7470A	217794
LCSD 860-217794/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	217794
860-93686-2 MS	PZ-03	Total/NA	Water	7470A	217794
860-93686-2 MSD	PZ-03	Total/NA	Water	7470A	217794

Analysis Batch: 217988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	6020A	217600
860-93686-2	PZ-03	Total/NA	Water	6020A	217600
860-93686-3	AP-31	Total/NA	Water	6020A	217553
860-93686-3	AP-31	Total/NA	Water	6020A	217553
860-93686-4	AP-32	Total/NA	Water	6020A	217553
860-93686-4	AP-32	Total/NA	Water	6020A	217553
MB 860-217225/1-B	Method Blank	Total/NA	Water	6020A	217600
MB 860-217553/1-A	Method Blank	Total/NA	Water	6020A	217553
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	6020A	217600
LCS 860-217553/2-A	Lab Control Sample	Total/NA	Water	6020A	217553
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	217600
LCSD 860-217553/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217553
860-93686-2 MS	PZ-03	Total/NA	Water	6020A	217600
860-93686-2 MS	PZ-03	Total/NA	Water	6020A	217600
860-93686-2 MSD	PZ-03	Total/NA	Water	6020A	217600
860-93686-2 MSD	PZ-03	Total/NA	Water	6020A	217600

Analysis Batch: 218514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	6010D	217861
860-93686-3	AP-31	Total/NA	Water	6010D	217861
860-93686-4	AP-32	Total/NA	Water	6010D	217861
MB 860-217861/1-A	Method Blank	Total/NA	Water	6010D	217861
LCS 860-217861/2-A	Lab Control Sample	Total/NA	Water	6010D	217861
LCSD 860-217861/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	217861
860-93686-2 MS	PZ-03	Total/NA	Water	6010D	217861
860-93686-2 MSD	PZ-03	Total/NA	Water	6010D	217861

Prep Batch: 231604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	3010A	
860-93686-6	AP-34	Total/NA	Water	3010A	
860-93686-8	AP-36	Total/NA	Water	3010A	
MB 860-231604/1-A	Method Blank	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Metals (Continued)

Prep Batch: 231604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-231604/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-231604/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 231703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	6020A	231604
860-93686-6	AP-34	Total/NA	Water	6020A	231604
860-93686-8	AP-36	Total/NA	Water	6020A	231604
MB 860-231604/1-A	Method Blank	Total/NA	Water	6020A	231604
LCS 860-231604/2-A	Lab Control Sample	Total/NA	Water	6020A	231604
LCSD 860-231604/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	231604

Analysis Batch: 232084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	6020A	231604
860-93686-6	AP-34	Total/NA	Water	6020A	231604
860-93686-8	AP-36	Total/NA	Water	6020A	231604
MB 860-231604/1-A	Method Blank	Total/NA	Water	6020A	231604
LCS 860-231604/2-A	Lab Control Sample	Total/NA	Water	6020A	231604
LCSD 860-231604/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	231604

General Chemistry

Analysis Batch: 216791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	SM 2320B	
MB 860-216791/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-216791/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-216791/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 217014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	SM 2320B	
860-93686-3	AP-31	Total/NA	Water	SM 2320B	
860-93686-4	AP-32	Total/NA	Water	SM 2320B	
860-93686-5	AP-33	Total/NA	Water	SM 2320B	
860-93686-6	AP-34	Total/NA	Water	SM 2320B	
860-93686-7	AP-35	Total/NA	Water	SM 2320B	
860-93686-8	AP-36	Total/NA	Water	SM 2320B	
860-93686-9	MW-03	Total/NA	Water	SM 2320B	
860-93686-10	PZ-05	Total/NA	Water	SM 2320B	
860-93686-12	Dup-02	Total/NA	Water	SM 2320B	
860-93686-13	FB-02	Total/NA	Water	SM 2320B	
860-93686-14	EB-01	Total/NA	Water	SM 2320B	
MB 860-217014/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-217014/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-217014/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-217014/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-217014/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-217014/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-93686-10 DU	PZ-05	Total/NA	Water	SM 2320B	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

General Chemistry (Continued)

Analysis Batch: 217014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-12 DU	Dup-02	Total/NA	Water	SM 2320B	

Analysis Batch: 217127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-11	PZ-06	Total/NA	Water	SM 2320B	
MB 860-217127/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-217127/31	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-217127/32	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-217127/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-217127/33	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-217127/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 217544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	SM 2540C	
860-93686-2	PZ-03	Total/NA	Water	SM 2540C	
860-93686-3	AP-31	Total/NA	Water	SM 2540C	
860-93686-4	AP-32	Total/NA	Water	SM 2540C	
860-93686-5	AP-33	Total/NA	Water	SM 2540C	
860-93686-6	AP-34	Total/NA	Water	SM 2540C	
860-93686-7	AP-35	Total/NA	Water	SM 2540C	
860-93686-8	AP-36	Total/NA	Water	SM 2540C	
860-93686-9	MW-03	Total/NA	Water	SM 2540C	
860-93686-10	PZ-05	Total/NA	Water	SM 2540C	
860-93686-11	PZ-06	Total/NA	Water	SM 2540C	
860-93686-12	Dup-02	Total/NA	Water	SM 2540C	
860-93686-13	FB-02	Total/NA	Water	SM 2540C	
860-93686-14	EB-01	Total/NA	Water	SM 2540C	
MB 860-217544/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-217544/2	Lab Control Sample	Total/NA	Water	SM 2540C	
860-93686-1 DU	PZ-02	Total/NA	Water	SM 2540C	
860-93686-2 DU	PZ-03	Total/NA	Water	SM 2540C	

Rad

Prep Batch: 134082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-2	PZ-03	Total/NA	Water	RAD Prep	
860-93686-5	AP-33	Total/NA	Water	RAD Prep	
860-93686-9	MW-03	Total/NA	Water	RAD Prep	
MB 810-134082/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134082/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	
860-93686-2 MS	PZ-03	Total/NA	Water	RAD Prep	
860-93686-2 MSD	PZ-03	Total/NA	Water	RAD Prep	

Prep Batch: 134302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	RAD Prep	
860-93686-6	AP-34	Total/NA	Water	RAD Prep	
860-93686-7	AP-35	Total/NA	Water	RAD Prep	
860-93686-8	AP-36	Total/NA	Water	RAD Prep	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Rad (Continued)

Prep Batch: 134302 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-10	PZ-05	Total/NA	Water	RAD Prep	
860-93686-11	PZ-06	Total/NA	Water	RAD Prep	
860-93686-12	Dup-02	Total/NA	Water	RAD Prep	
860-93686-13	FB-02	Total/NA	Water	RAD Prep	
860-93686-14	EB-01	Total/NA	Water	RAD Prep	
MB 810-134302/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134302/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	
860-93686-10 MS	PZ-05	Total/NA	Water	RAD Prep	
860-93686-10 MSD	PZ-05	Total/NA	Water	RAD Prep	

Prep Batch: 704932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-11	PZ-06	Total/NA	Water	PrecSep_0	
860-93686-12	Dup-02	Total/NA	Water	PrecSep_0	
860-93686-13	FB-02	Total/NA	Water	PrecSep_0	
860-93686-14	EB-01	Total/NA	Water	PrecSep_0	
MB 160-704932/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-704932/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 704938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93686-1	PZ-02	Total/NA	Water	PrecSep_0	
860-93686-2	PZ-03	Total/NA	Water	PrecSep_0	
860-93686-3	AP-31	Total/NA	Water	PrecSep_0	
860-93686-4	AP-32	Total/NA	Water	PrecSep_0	
860-93686-5	AP-33	Total/NA	Water	PrecSep_0	
860-93686-6	AP-34	Total/NA	Water	PrecSep_0	
860-93686-7	AP-35	Total/NA	Water	PrecSep_0	
860-93686-8	AP-36	Total/NA	Water	PrecSep_0	
860-93686-9	MW-03	Total/NA	Water	PrecSep_0	
860-93686-10	PZ-05	Total/NA	Water	PrecSep_0	
MB 160-704938/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-704938/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
860-93686-2 MS	PZ-03	Total/NA	Water	PrecSep_0	
860-93686-2 MSD	PZ-03	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-02

Date Collected: 02/12/25 10:35

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-1

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	300.0		10			216704	02/14/25 14:25	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 19:52	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	231604	04/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		10			231703	04/25/25 20:56	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	231604	04/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			232084	04/28/25 13:03	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:43	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			216791	02/14/25 11:53	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			753.35 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706559	03/07/25 14:38	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
Completed:								03/17/25 16:02	¹	

Client Sample ID: PZ-03

Date Collected: 02/12/25 11:20

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-2

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	300.0		10			216810	02/14/25 16:23	W1N	EET HOU
Total/NA	Analysis	300.0	DL	100			216810	02/14/25 16:36	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		10			218514	02/21/25 16:18	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 03:28	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217988	02/20/25 20:07	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 20:13	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 15:26	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 14:46	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			750.78 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706559	03/07/25 14:39	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137080	03/18/25 11:22	SM	EA SB
Completed:								03/18/25 11:52	¹	

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-31

Date Collected: 02/12/25 08:45

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-3

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	300.0		10			216711	02/14/25 15:17	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 16:06	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 00:29	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217988	02/20/25 18:30	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 18:34	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:20	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:51	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1004.22 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706559	03/07/25 14:39	SWS	EET SL

Client Sample ID: AP-32

Date Collected: 02/12/25 10:05

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-4

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	300.0		10			216711	02/14/25 15:31	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 16:08	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 00:35	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217988	02/20/25 18:32	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 18:36	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:22	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:48	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1012.48 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706559	03/07/25 14:39	SWS	EET SL

Client Sample ID: AP-33

Date Collected: 02/12/25 09:05

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-5

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		10			216711	02/14/25 15:46	HN	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-33

Date Collected: 02/12/25 09:05

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-5

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	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 19:54	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		500			217499	02/18/25 19:24	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		5			217499	02/18/25 19:42	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:48	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 14:48	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1001.23 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706559	03/07/25 14:40	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137080	03/18/25 11:22	SM	EA SB
								Completed: 03/18/25 11:52	1	

Client Sample ID: AP-34

Date Collected: 02/12/25 11:00

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-6

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	300.0		10			216711	02/14/25 16:16	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217271	02/18/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			217598	02/18/25 18:00	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	231604	04/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		10			231703	04/25/25 21:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	231604	04/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			232084	04/28/25 13:05	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:49	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 14:59	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1000.16 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706560	03/07/25 14:48	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
								Completed: 03/17/25 16:02	1	

Client Sample ID: AP-35

Date Collected: 02/12/25 10:15

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-7

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	300.0		10			216711	02/14/25 16:31	HN	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: AP-35

Date Collected: 02/12/25 10:15

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-7

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	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 19:56	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 19:40	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		50			217788	02/19/25 19:50	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:35	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:01	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1005.85 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706561	03/07/25 14:44	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
								Completed: 03/17/25 16:02 ¹		

Client Sample ID: AP-36

Date Collected: 02/12/25 09:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-8

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	300.0		10			216711	02/14/25 16:45	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 19:58	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	231604	04/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		10			231703	04/25/25 21:12	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	231604	04/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		50			232084	04/28/25 13:08	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:50	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:03	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1001.23 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706561	03/07/25 14:44	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
								Completed: 03/17/25 16:02 ¹		

Client Sample ID: MW-03

Date Collected: 02/12/25 09:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-9

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	300.0		10			216711	02/14/25 17:00	HN	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: MW-03

Date Collected: 02/12/25 09:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-9

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	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:00	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217390	02/17/25 23:09	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		500			217499	02/18/25 19:28	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		5			217499	02/18/25 19:46	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		50			217499	02/18/25 19:54	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:52	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:05	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1007.15 mL	1.0 g	704938	02/26/25 08:23	OGC	EET SL
Total/NA	Analysis	904.0		1			706561	03/07/25 14:44	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137080	03/18/25 11:22	SM	EA SB
								Completed:	03/18/25 11:52 ¹	

Client Sample ID: PZ-05

Date Collected: 02/12/25 09:45

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-10

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	300.0		10			216711	02/14/25 17:15	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 19:42	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		50			217788	02/19/25 19:52	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:53	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:40	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1007.26 mL	1.0 g	704938	02/26/25 08:26	OGC	EET SL
Total/NA	Analysis	904.0		1			706561	03/07/25 14:44	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
								Completed:	03/17/25 16:02 ¹	

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: PZ-06

Date Collected: 02/12/25 08:30

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-11

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		10			216711	02/14/25 18:32	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:04	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217390	02/17/25 23:07	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		500			217499	02/18/25 19:26	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		5			217499	02/18/25 19:44	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		50			217499	02/18/25 19:52	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:54	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 12:18	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1002.24 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:41	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
								Completed:	03/17/25 16:02 ¹	

Client Sample ID: Dup-02

Date Collected: 02/12/25 08:00

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-12

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		10			216711	02/14/25 18:46	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:05	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 19:44	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217788	02/19/25 19:54	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:37	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:36	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1001.31 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:41	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
								Completed:	03/17/25 16:02 ¹	

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Client Sample ID: FB-02

Date Collected: 02/12/25 10:15

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-13

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			216711	02/14/25 19:01	HN	EET HOU
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	217020	02/17/25 15:47	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:11	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217788	02/19/25 19:46	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:38	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:45	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1003.73 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:41	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136298	03/12/25 09:15	SM	EA SB
Completed:								03/12/25 09:45 ¹		

Client Sample ID: EB-01

Date Collected: 02/12/25 08:55

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93686-14

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			216810	02/14/25 17:43	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 19:24	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217390	02/17/25 23:01	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217499	02/18/25 19:22	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:56	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 15:08	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1003.34 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:41	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136298	03/12/25 09:15	SM	EA SB
Completed:								03/12/25 09:45 ¹		

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Houston

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

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	07-01-26
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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Laboratory: Eurofins Eaton Analytical South Bend

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-31-26
Alabama	State	40700	06-30-25
Alaska	State	IN00035	04-14-25
Arizona	State	AZ0432	04-03-25
Arkansas (DW)	State	EPA IN00035	06-30-25
California	State	2920	06-30-25
Colorado	State	IN00035	02-28-26
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-25
Florida	NELAP	E87775	04-10-25
Georgia (DW)	State	929	06-30-25
Guam	State	24-012R	07-15-25
Hawaii	State	IN035	06-30-25
Idaho (DW)	State	IN00035	12-31-25
IL Dept. of Public Health (Micro)	State	17767	06-30-25
Illinois	NELAP	200001	09-30-25
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
Iowa	State	098	11-01-25
Kansas	NELAP	E-10233	10-31-25
Kentucky (DW)	State	KY90056	12-31-25
Louisiana (DW)	State	LA014	12-31-25
Maine	State	IN00035	04-10-25
Maryland	State	209	06-30-25
Massachusetts	State	M-IN035	04-14-25
MI - RadChem Recognition	State	9926	06-01-25
Michigan	State	9926	12-31-25
Minnesota	NELAP	018-999-338	12-31-25
Mississippi	State	IN00035	06-30-25
Missouri	State	880	09-30-27
Montana (DW)	State	CERT0026	01-01-26
Nebraska	State	NE-OS-05-04	06-30-25
Nevada	State	NV-C24-00276	07-31-25
New Hampshire	NELAP	2124	11-05-25
New Jersey	NELAP	IN598	03-30-25
New Mexico	State	IN00035	06-30-25
New York	NELAP	11398	03-31-25

Eurofins Houston

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Laboratory: Eurofins Eaton Analytical South Bend (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (DW)	State	18700	07-31-25
North Dakota	State	R-035	06-30-24 *
Northern Mariana Islands (DW)	State	IN00035	06-30-25
Ohio	State	87775	04-01-25
Oklahoma	NELAP	D9508	08-31-25
Oregon	NELAP	4156	09-16-25
Pennsylvania	NELAP	68-00466	04-30-26
Puerto Rico	State	IN00035	04-01-25
Rhode Island	State	LAO00343	12-30-25
South Carolina	State	95005001	06-30-25
South Dakota (DW)	State	IN00035	06-30-25
Tennessee	State	TN02973	06-30-25
Texas	NELAP	T104704187	12-31-25
Texas	TCEQ Water Supply	TX207	06-30-25
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-25
Vermont	State	VT-8775	12-28-25
Virginia	NELAP	460275	03-14-26
Washington	State	C837	01-01-26
West Virginia (DW)	State	9927 C	01-31-26
Wisconsin	State	999766900	08-31-25
Wisconsin (Micro)	State	10121	12-31-25
Wyoming	State	8TMS-L	06-30-25

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
904.0	PrecSep_0	Water	Radium-228

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Houston

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
904.0	Radium-228 (GFPC)	EPA	EET SL
SM7500 Ra B	Radium-226	SM	EA SB
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
RAD Prep	Preparation, Radiologicals	None	EA SB

Protocol References:

EPA = US Environmental Protection Agency

None = None

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:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93686-1
SDG: Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-93686-1	PZ-02	Water	02/12/25 10:35	02/13/25 09:39
860-93686-2	PZ-03	Water	02/12/25 11:20	02/13/25 09:39
860-93686-3	AP-31	Water	02/12/25 08:45	02/13/25 09:39
860-93686-4	AP-32	Water	02/12/25 10:05	02/13/25 09:39
860-93686-5	AP-33	Water	02/12/25 09:05	02/13/25 09:39
860-93686-6	AP-34	Water	02/12/25 11:00	02/13/25 09:39
860-93686-7	AP-35	Water	02/12/25 10:15	02/13/25 09:39
860-93686-8	AP-36	Water	02/12/25 09:25	02/13/25 09:39
860-93686-9	MW-03	Water	02/12/25 09:25	02/13/25 09:39
860-93686-10	PZ-05	Water	02/12/25 09:45	02/13/25 09:39
860-93686-11	PZ-06	Water	02/12/25 08:30	02/13/25 09:39
860-93686-12	Dup-02	Water	02/12/25 08:00	02/13/25 09:39
860-93686-13	FB-02	Water	02/12/25 10:15	02/13/25 09:39
860-93686-14	EB-01	Water	02/12/25 08:55	02/13/25 09:39

Client Information

Client Contact:

Mike Schofield

Company:

GSI Environmental, Inc

Address:

9600 Great Hills Trail Suite 350E

City:

Austin

State, Zip:

TX, 78759

Phone:

512-346-4474 (Tel) 512-346-4476 (Fax)

Email:

mschofield@gsi-net.com

Project Name:

San Miguel Electrical Co-Op GW

Site:

Ash Pond

Sampler:

Brian Hillin and HMI Team

Phone:

713-633-3127

Lab P#: _____

E-Mail:

Sachin.Kudchadkar@Eurofins.com

Due Date Requested:

TAT Requested (days):

PO #:

WD #:

Project #:

86001746

SSONW:

Analysis Requested

Page: 1 of 2

Job #:

Preservation Codes:

A HCL

B NaOH

C Zn Acetate

D Nitric Acid

E NaHSO4

F MeOH

G Anchor

H Ascorbic Acid

I Ice

J DI Water

K EDTA

L EDA

M Hexane

N None

O AsnAO2

P Na2OAS

Q Na2SO3

R Na2S2O3

S H2SO4

T TSP Dodecylhydrate

U Acetone

V MCAA

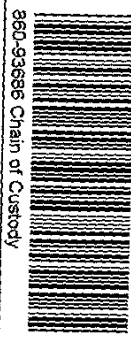
W pH 4.5

Z Other (Specify)

Total Number of Containers

Special Instructions/Note:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Heavy Metal, Organics, Pesticides, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2320B, Alkalinity	6620A 7470 B, Ca, Sb, As, Ba, Be, Cd, Cr, Co, Pb, Li, Mo, Se, Ti, Mg, K, Na, Hg	2640C TDS	300 Cl, F, SO4	001 1_Ra-Rad 228 Eurofins St Louis	SM7500_Ra_B Rad 226 South Bend, In	Preservation Codes:
PZ-02	2-12-25	1035	G	Water	X	X	X	X	X	X	X	X	
PZ-03		1120	G	Water	Y	X	X	X	X	X	X	X	
PZ-03 (MS)		1120	G	Water	X	X	X	X	X	X	X	X	
PZ-03 (MSD)		1120	G	Water	X	X	X	X	X	X	X	X	
AP-31		845	G	Water	X	X	X	X	X	X	X	X	
AP-32		1005	G	Water	X	X	X	X	X	X	X	X	
AP-33		905	G	Water	X	X	X	X	X	X	X	X	
AP-34		1100	G	Water	X	X	X	X	X	X	X	X	
AP-35		1015	G	Water	X	X	X	X	X	X	X	X	
AP-36		925	G	Water	X	X	X	X	X	X	X	X	
MM-03		925	G	Water	X	X	X	X	X	X	X	X	
PZ-05		945	G	Water	X	X	X	X	X	X	X	X	
PZ-06		830	G	Water	X	X	X	X	X	X	X	X	



860-93686 Chain of Custody

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested: I, II, III, IV Other (Specify)

Empty Kit Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Relinquished by

Δ Yes Δ No

Custody Seal Intact:

Custody Seal No.

4/28/2025 (Rev. 1)

Chain of Custody Record



Environment Testing



Client Information (Sub Contract Lab)		Sampler N/A	Lab PM Kudchadkar, Sachin G	Carrier Tracking No(s) N/A	COC No. 860-197376.1
Client Contact Shipping/Receiving		Phone N/A	E-Mail Sachin.Kudchadkar@et.eurofins.com	State of Origin Texas	Page Page 1 of 2
Company TestAmerica Laboratories, Inc.		Accreditations Required (See note) NELAP - Texas			Job # 860-93686-1
Address 13715 Rider Trail North,		Preservation Codes:			
City Earth City	State, Zip MO, 63045	Analysis Requested			
Phone 314-298-8566(Tel) 314-298-8757(Fax)	PO # N/A	Total Number of Containers			
Email N/A	WO # N/A	904.0/PreSep_0 Standard Target List			
Project Name San Miguel Electrical Co-Op 2H23 GW	Project # 86001746	Perform MS/MSD (Yes or No)			
Site N/A	SSOW# N/A	Field Filtered Sample (Yes or No)			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, B=biomass, T=tissue, A=air)
PZ-02 (860-93686-1)		2/12/25	10:35 Central	G	Water
PZ-03 (860-93686-2)		2/12/25	11:20 Central	G	Water
PZ-03 (860-93686-2MS)		2/12/25	11:20 Central	G	Water
PZ-03 (860-93686-2MSD)		2/12/25	11:20 Central	G	Water
AP-31 (860-93686-3)		2/12/25	08:45 Central	G	Water
AP-32 (860-93686-4)		2/12/25	10:05 Central	G	Water
AP-33 (860-93686-5)		2/12/25	09:05 Central	G	Water
AP-34 (860-93686-6)		2/12/25	11:00 Central	G	Water
AP-35 (860-93686-7)		2/12/25	10:15 Central	G	Water
Special Instructions/Note:		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/test/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)		Special Instructions/QC Requirements:	
Primary Deliverable Rank: 2		Method of Shipment:	
Empty Kit Relinquished by:		Date:	
Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:	
Relinquished by:		Date/Time:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:	

Received by:	Date/Time:	Company:
Sena Weorthington	2/17/25 0810	Company
Received by:	Date/Time:	Company:
Received by:	Date/Time:	Company:
Cooler Temperature(s) °C and Other Remarks:		

Chain of Custody Record

Client Information (Sub Contract Lab)		Sampler: N/A	Lab PM: Kudchadkar, Sachin G	Carrier Tracking No(s): N/A	COC No: 860-197376-2
Client Contact: Shipping/Receiving		Phone: N/A	E-Mail: Sachin.Kudchadkar@et.eurofins.com	State of Origin: Texas	Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas			Job #: 860-93686-1
Address: 13715 Rider Trail North,		Preservation Codes:			
City	Earth City	Analysis Requested			
State, Zip: MO, 63045	Phone: 314-298-8566(Tel) 314-298-8757(Fax)	Total Number of Containers			
E-Mail: N/A	PO #: N/A	904.0/PreSep_0 Standard Target List			
Project Name: San Miguel Electrical Co-Op 2H23 GW	WO #: N/A	Perform MS/MSD (Yes or No)			
Site: N/A	Project #: 86001746	Field Filtered Sample (Yes or No)			
SSOW#: N/A		Preservation Code:			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, etc.)
AP-36 (860-93686-8)	2/12/25	09:25 Central	G		Water
MW-03 (860-93686-9)	2/12/25	09:25 Central	G		Water
PZ-05 (860-93686-10)	2/12/25	09:45 Central	G		Water
PZ-06 (860-93686-11)	2/12/25	08:30 Central	G		Water
Dup-02 (860-93686-12)	2/12/25	08:00 Central	G		Water
FB-02 (860-93686-13)	2/12/25	10:15 Central	G		Water
EB-01 (860-93686-14)	2/12/25	08:55 Central	G		Water
Special Instructions/Note:		Special Instructions/Note:			
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/test/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)		Special Instructions/QC Requirements:			
Primary Deliverable Rank: 2		Method of Shipment:			
Empty Kit Relinquished by:		Time:			
Relinquished by:		Date/Time:	Received by:		
Relinquished by:		Date/Time:	Received by:		
Relinquished by:		Date/Time:	Received by:		
Custody Seals Intact: ☐ Yes ☐ No		Cooler Temperature(s) °C and Other Remarks:			



Chain of Custody Record

Client Information (Sub Contract Lab)					
Lab PM:	Kudchadkar, Sachin G	Carrier Tracking No(s):	N/A	COC No:	860-197371.1
E-Mail:	Sachin.Kudchadkar@eurofinsus.com	State of Origin:	Texas	Page:	Page 1 of 2
Accreditations Required (See note):	NELAP - Texas				
Analysis Requested					
Due Date Requested:	3/13/2025	PO #:	N/A	Other:	N/A
TAT Requested (days):	N/A	WO #:	N/A	Total Number of containers	
Project Name:	San Miguel Electrical Co-Op 2H23 GW	Sample Date	2/12/25	Matrix	(Water, Solid, Semi-solid, Other)
SSOW#:	N/A	Sample Time	Central	Sample Type	(C=comp, G=grab)
Preservation Code:		Sample Date	2/12/25	Sample Time	10:35 Central
PZ-02 (860-93686-1)		2/12/25	G	Water	X
PZ-03 (860-93686-2)		2/12/25	G	Water	X
PZ-03 (860-93686-2MS)		2/12/25	G	Water	X
PZ-03 (860-93686-2MSD)		2/12/25	G	Water	X
AP-31 (860-93686-3)		2/12/25	G	Water	X
AP-32 (860-93686-4)		2/12/25	G	Water	X
AP-33 (860-93686-5)		2/12/25	G	Water	X
AP-34 (860-93686-6)		2/12/25	G	Water	X
AP-35 (860-93686-7)		2/12/25	G	Water	X
Special Instructions/Note: *both bottles empty *both bottles empty 02/15/2025 PT *1 bottle empty (c) 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 Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2					
Empty Kit Relinquished by: [Signature]					
Relinquished by: [Signature] Date: 2/14/25 17:00					
Relinquished by: [Signature] Date/Time: [Blank]					
Relinquished by: [Signature] Date/Time: [Blank]					
Custody Seal Intact: A Yes A No					

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-93686-1

SDG Number: Ash Pond

Login Number: 93686

List Number: 1

Creator: Grandits, Corey

List Source: Eurofins Houston

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: GSI Environmental Inc

Job Number: 860-93686-1

SDG Number: Ash Pond

Login Number: 93686

List Number: 2

Creator: Trowbridge, Peyton

List Source: Eurofins Eaton Analytical South Bend

List Creation: 02/15/25 11:10 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	False	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
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	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-93686-1

SDG Number: Ash Pond

Login Number: 93686

List Number: 3

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 02/17/25 10:16 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

DATA USABILITY SUMMARY

Febraury 2025 Sampling Event (Job ID: 860-93691-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **twelve groundwater samples collected from the Equalization Pond on 12 February 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). The majority of analyses were conducted by EET HOU, while the Radium analyses were conducted by the Eurofins St. Louis, Missouri (EET SL) and Eurofins South Bend, Indiana (EA SB) laboratories. GSI certifies that at the time the laboratory data were generated for the project, EET HOU, EET SL, and EA SB were National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215, T104704193, and T104704187, respectively) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU, EET SL, and EA SB's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 300.0 – Anions, Ion Chromatography
- Method 6020A – Metals (Inductively Coupled Plasma [ICP]/Mass Spectrometry[MS])
- Method 7470A – Mercury (Cold Vapor Atomic Absorption [CVAA] Spectroscopy)
- Method SM2320B – Alkalinity
- Method SM2540C – Total Dissolved Solids (TDS)
- Method 904.0 – Radium-228 (GFPC)
- Method SM7500 Ra B – Radium-226

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and

¹ Nine samples plus one field duplicate, one field blank and one equipment blank.

- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Twelve (12) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	MS/MSD		LCS/LCSD		Lab Dup RPD	Field Precision RPD
	% R	RPD/RER	% R	RPD		
Metals	75 – 125	20	80 – 120	20	-	≤ 30%
Inorganic Anions	90 – 110	15	90 – 110	20	-	≤ 30%
Alkalinity	-	-	85 – 115	20	20	≤ 30%
Total Dissolved Solids (TDS)	-	-	80 – 120	-	-	≤ 30%
Radium-228	60 – 140	1	75 – 125	-	-	≤ 30%
Radium-226	80 – 120	1	90 – 110	-	-	≤ 30%

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times, with exceptions noted below. Items related to the C-O-C are also listed below.

- The sample identified as Dup-03 on the C-O-C is a field duplicate of sample EP-33.

Items related to sample preparation are listed below.

- Samples EP-31, EP-32, EP-33, EP-34, EP-35, EP-36, EP-37, EP-38, MW-04, and Dup-03 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples EP-31, EP-32, EP-33, EP-34, EP-35, EP-36, EP-37, EP-38, MW-04, and Dup-03 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding No qualifiers were added per this evaluation.

Calibrations

The following issues were noted with the calibrations:

- For Method 6020A, the continuing calibration verification (CCV) associated with batch 860-217789 recovered above the upper control limit for Beryllium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues were noted with the laboratory blanks.

Field Blanks

The following issues were noted with the blank collected in the field:

- Boron was detected in the Field Blank at concentrations above the MDL. The field blank sample (FB-03) consists of distilled water that is exposed to ambient air on the day of sample collection. All field sample results contained Boron greater than 5X the field blank concentration and did not require qualifiers.
- Chloride and Boron were detected in the Equipment Blank at concentrations above the MDL. The equipment blank sample (EB-02) consists of distilled water that was poured over decontaminated non-dedicated sampling equipment. All detected field sample results contained Chloride and Boron greater than 5X the equipment blank concentration and did not require qualifiers.

Finding: No qualifiers were added per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- The recoveries for analytical batch 217020 analyzed using sample EP-31 were outside control limits for Chloride (MS/MSD) and Fluoride (MS/MSD). Recoveries of Chloride in the MS/MSD samples were 84% and 81%, respectively, below the desired range of 90-110%. Recoveries of Fluoride in the MS/MSD samples were 113% and 114%, respectively, above the desired range of 90-110%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. The spiking amounts for Chloride were less than 4 times the result in the unspiked parent sample and didn't require qualifiers. All associated samples for Fluoride were non-detect and didn't require qualifiers.
- The recoveries for analytical batch 217567 analyzed using sample EP-31 were outside control limits for Sulfate (MS/MSD). Recoveries of Sulfate in the MS/MSD samples were 31% and 26%, respectively, below the desired range of 90-110%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no additional qualifiers were added as part of this evaluation.
- The recoveries for preparation batch 217600 and analytical batch 217988 analyzed using sample EP-31 were outside control limits for Boron (MS/MSD), Calcium (MS/MSD), and Sodium (MS/MSD). Recoveries of Boron in the MS/MSD samples were -185% and -775%, respectively, below the desired range of 75-125%. Recoveries of Calcium in the MS/MSD samples were 184% and -1279%, respectively, outside the desired range of 75-125%. Recoveries of Sodium in the MS/MSD samples were 623% and -3579%, respectively, outside the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no additional qualifiers were added as part of this evaluation.
- The recoveries for preparation batch 217600 and analytical batch 217789 analyzed using sample EP-31 were outside control limits for Potassium (MSD) and Magnesium (MSD). Recovery of Potassium in the MSD sample was -137%, below the desired range of 75-125%. Recovery of Magnesium in the MSD sample was 166%, above the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than

4 times the result in the unspiked parent sample. As a result, no additional qualifiers were added as part of this evaluation.

Findings: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

One field duplicate, identified as Dup-03, was collected with sample EP-33. Results indicate that, RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes with concentrations less than five times the MQL. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: No qualifiers were added per this evaluation.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. No qualifiers were added based on this review and evaluation.

REFERENCES

GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rq-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
02/12/2025	EET HOU/EET SL/EA SB	860-93691-1	EP-31	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-2	EP-32	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-3	EP-33	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-4	EP-34	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-5	EP-35	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-6	EP-36	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-7	EP-37	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-8	EP-38	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-9	MW-04	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-10	Dup-03	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-11	FB-03	Water
02/12/2025	EET HOU/EET SL/EA SB	860-93691-12	EB-02	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas; EET SL: Eurofins St. Louis, Earth City, Missouri; EA SB: Eurofins Eaton South Bend, South Bend, Indiana

TABLE 2
Field Duplicate Detections

Analyte	MDL (mg/L)	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference (RPD)
Antimony	0.00750	<0.00750	<0.00750	0.0
Arsenic	0.00690	<0.00690	<0.00690	0.0
Barium	0.0134	<0.0134	<0.0134	0.0
Beryllium	0.00271	<0.00271 ^+	<0.00271	0.0
Bicarbonate Alkalinity as CaCO ₃	4.00	234	235	0.4
Boron	0.401	62.6	62.1	0.8
Cadmium	0.00240	<0.00240	<0.00240	0.0
Calcium	3.01	424	423	0.2
Carbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Chloride	25.0	2050	2030	1.0
Chromium	0.00560	<0.00560	<0.00560	0.0
Cobalt	0.00355	<0.00355	<0.00355	0.0
Fluoride	10.0	<10.0	<10.0	0.0
Hydroxide Alkalinity	4.00	<4.00	<4.00	0.0
Lead	0.00367	<0.00367	<0.00367	0.0
Lithium	0.0174	0.979	0.968	1.1
Magnesium	0.164	40.8	39.7	2.7
Mercury	0.0000706	<0.0000706	<0.0000706	0.0
Molybdenum	0.00255	0.0138 J	0.0134 J	2.9
Potassium	0.220	40.3	39.9	1.0
Ra-226	0.370	0.530	0.800	40.6
Radium-228	0.560	2.28	2.06	10.1
Selenium	0.00590	<0.00590	<0.059	0.0
Sodium	5.64	2510	2440	2.8
Sulfate	20.0	3080	3040	1.3
Thallium	0.00415	<0.00415	<0.00415	0.0
Total Alkalinity	4.00	234	235	0.4
Total Dissolved Solids	100	9020	9050	0.3

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. < = analyte not detected at the stated limit; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value; ^+= continuing calibration verification is outside acceptance limits, high biased
5. CaCO₃: Calcium carbonate

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 01/28/2025
Expiration Date: 06/30/2025
Certificate ID: TX-C25-00028

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/28/2025

TCEQ Accreditation Certificate
Eurofins St. Louis
State Lab ID: T104704193

Certificate ID: TX-C24-00256
Effective Date: 08/01/2024
Expiration Date: 07/31/2025



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2024
Expiration Date: 07/31/2025
Certificate ID: TX-C24-00256

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink that reads "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2024



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Eaton Analytical, LLC - South Bend
110 South Hill Street,
South Bend, IN 46617-2702

State Lab ID: T104704187
Effective Date: 01/01/2025
Expiration Date: 12/31/2025
Certificate ID: TX-C24-00386

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/01/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-93691-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 3/18/2025 2:39:44 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op
Equilization Pond

JOB NUMBER

860-93691-1

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
3/18/2025 2:39:44 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Detection Summary	8
Client Sample Results	12
Tracer Carrier Summary	27
QC Sample Results	28
QC Association Summary	41
Lab Chronicle	47
Certification Summary	53
Method Summary	55
Sample Summary	56
Chain of Custody	57
Receipt Checklists	63



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Qualifiers

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
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
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
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
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)

Eurofins Houston

Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93691-1

Job ID: 860-93691-1

Eurofins Houston

Job Narrative 860-93691-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/13/2025 9:39 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 1.3°C, 1.6°C, 3.2°C and 3.9°C.

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: EP-31 (860-93691-1), EP-32 (860-93691-2), EP-33 (860-93691-3), EP-34 (860-93691-4), EP-35 (860-93691-5), EP-36 (860-93691-6), EP-37 (860-93691-7), EP-38 (860-93691-8), MW-04 (860-93691-9) and Dup-03 (860-93691-10). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-217020 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-217020 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: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-217020 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-217567 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 6020A: The following samples were diluted due to the nature of the sample matrix: EP-32 (860-93691-2) and EP-33 (860-93691-3). Elevated reporting limits (RLs) are provided.

Method 6020A: The continuing calibration verification (CCV) associated with batch 860-217789 recovered above the upper control limit for Beryllium. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-217600 and analytical batch 860-217789 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: EP-32 (860-93691-2) and EP-33 (860-93691-3). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: EP-32

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93691-1

Job ID: 860-93691-1 (Continued)

Eurofins Houston

(860-93691-2), EP-33 (860-93691-3), EP-34 (860-93691-4), EP-35 (860-93691-5), EP-36 (860-93691-6) and EP-37 (860-93691-7). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-217600 and analytical batch 860-217988 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: EP-31 (860-93691-1), EP-38 (860-93691-8), MW-04 (860-93691-9) and Dup-03 (860-93691-10). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: EP-38 (860-93691-8), MW-04 (860-93691-9) and Dup-03 (860-93691-10). 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

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

Gas Flow Proportional Counter

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

Rad

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-31

Lab Sample ID: 860-93691-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	126		0.500	0.250	mg/L	1		300.0	Total/NA
Fluoride	1.98	F1	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate - DL	3310		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.880		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0168	J	0.0400	0.00690	mg/L	10		6020A	Total/NA
Beryllium	0.0726		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	5.59		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.0146	J	0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	452		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	0.102		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	42.1		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	41.4		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	992		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.125		0.0200	0.00590	mg/L	10		6020A	Total/NA
Total Dissolved Solids	4880		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-32

Lab Sample ID: 860-93691-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1960		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	4170		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.54		0.0400	0.0174	mg/L	1		6010D	Total/NA
Boron	16.7		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	397		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	44.7		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	53.1		1.00	0.164	mg/L	10		6020A	Total/NA
Molybdenum	0.00543	J	0.0200	0.00255	mg/L	10		6020A	Total/NA
Sodium	2850		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	210		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	210		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	10300		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-33

Lab Sample ID: 860-93691-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2050		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	3080		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	0.979		0.0400	0.0174	mg/L	1		6010D	Total/NA
Boron	62.6		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	424		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	40.3		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	40.8		1.00	0.164	mg/L	10		6020A	Total/NA
Molybdenum	0.0138	J	0.0200	0.00255	mg/L	10		6020A	Total/NA
Sodium	2510		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	234		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	234		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9020		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-34

Lab Sample ID: 860-93691-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3740		50.0	25.0	mg/L	100		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-34 (Continued)

Lab Sample ID: 860-93691-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2810		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.48		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0155	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Boron	41.3		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	468		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	48.4		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	65.0		1.00	0.164	mg/L	10		6020A	Total/NA
Molybdenum	0.00441	J	0.0200	0.00255	mg/L	10		6020A	Total/NA
Sodium	3890		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	234		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	234		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	11100		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-35

Lab Sample ID: 860-93691-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3300		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	2980		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.50		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0188	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Boron	36.1		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	429		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	46.0		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	76.1		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	3510		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	194		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	194		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	11000		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-36

Lab Sample ID: 860-93691-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3260		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	2130		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.56		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0218	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Boron	42.4		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	509		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	48.5		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	95.8		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2980		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	163		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	163		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9440		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-37

Lab Sample ID: 860-93691-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2670		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	2440		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.59		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0179	J	0.0400	0.0134	mg/L	10		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-37 (Continued)

Lab Sample ID: 860-93691-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	10.9		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	375		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	48.7		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	68.3		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2720		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	198		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	198		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	8830		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-38

Lab Sample ID: 860-93691-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1230		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	2090		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.08		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0149	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Boron	3.04		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	447		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	39.5		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	67.7		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	1390		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	54.3		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	54.3		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	5860		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-04

Lab Sample ID: 860-93691-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1430		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	1940		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	0.964		0.0400	0.0174	mg/L	1		6010D	Total/NA
Boron	12.5		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	270		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	38.6		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	55.7		1.00	0.164	mg/L	10		6020A	Total/NA
Molybdenum	0.00286	J	0.0200	0.00255	mg/L	10		6020A	Total/NA
Sodium	1720		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	142		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	142		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	5790		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-03

Lab Sample ID: 860-93691-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2030		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	3040		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	0.968		0.0400	0.0174	mg/L	1		6010D	Total/NA
Boron	62.1		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	423		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	39.9		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	39.7		1.00	0.164	mg/L	10		6020A	Total/NA
Molybdenum	0.0134	J	0.0200	0.00255	mg/L	10		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: Dup-03 (Continued)

Lab Sample ID: 860-93691-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	2440		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	235		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO ₃	235		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9050		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-03

Lab Sample ID: 860-93691-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.00761	J	0.0100	0.00401	mg/L	1		6020A	Total/NA

Client Sample ID: EB-02

Lab Sample ID: 860-93691-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	0.302	J	0.500	0.250	mg/L	1		300.0	Total/NA
Boron	0.00660	J	0.0100	0.00401	mg/L	1		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-31

Lab Sample ID: 860-93691-1

Date Collected: 02/12/25 08:45

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		0.500	0.250	mg/L			02/17/25 17:04	1
Fluoride	1.98	F1	0.500	0.100	mg/L			02/17/25 17:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3310		5.00	2.00	mg/L			02/17/25 17:09	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.880		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:27	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0168	J	0.0400	0.00690	mg/L		02/19/25 10:00	02/20/25 01:51	10
Barium	0.0134	U	0.0400	0.0134	mg/L		02/19/25 10:00	02/20/25 01:51	10
Beryllium	0.0726		0.0200	0.00271	mg/L		02/19/25 10:00	02/20/25 19:45	10
Boron	5.59		1.00	0.401	mg/L		02/19/25 10:00	02/20/25 19:51	100
Cadmium	0.0146	J	0.0200	0.00240	mg/L		02/19/25 10:00	02/20/25 01:51	10
Calcium	452		10.0	3.01	mg/L		02/19/25 10:00	02/20/25 19:51	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 10:00	02/20/25 01:51	10
Cobalt	0.102		0.0200	0.00355	mg/L		02/19/25 10:00	02/20/25 01:51	10
Potassium	42.1		1.00	0.220	mg/L		02/19/25 10:00	02/20/25 01:51	10
Magnesium	41.4		1.00	0.164	mg/L		02/19/25 10:00	02/20/25 01:51	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 10:00	02/20/25 01:51	10
Sodium	992		10.0	5.64	mg/L		02/19/25 10:00	02/20/25 19:51	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 10:00	02/20/25 01:51	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 10:00	02/20/25 01:51	10
Selenium	0.125		0.0200	0.00590	mg/L		02/19/25 10:00	02/20/25 01:51	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 10:00	02/20/25 01:51	10

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		02/21/25 10:03	02/21/25 17:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:28	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:28	1
Total Dissolved Solids (SM 2540C)	4880		40.0	40.0	mg/L			02/19/25 08:53	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	0.416	U	0.411	0.413	1.00	0.658	pCi/L	02/26/25 08:08	03/11/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	97.1		30 - 110					02/26/25 08:08	03/11/25 11:42	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-31

Lab Sample ID: 860-93691-1

Date Collected: 02/12/25 08:45

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	77.8		30 - 110	02/26/25 08:08	03/11/25 11:42	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.210	U	0.630		1.00	0.290	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EP-32

Lab Sample ID: 860-93691-2

Date Collected: 02/12/25 08:15

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1960		50.0	25.0	mg/L			02/17/25 17:26	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 17:26	100
Sulfate	4170		50.0	20.0	mg/L			02/17/25 17:26	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.54		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:39	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 00:41	10
Barium	0.0134	U	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 00:41	10
Beryllium	0.00271	U ^+	0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 00:41	10
Boron	16.7		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 19:14	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 00:41	10
Calcium	397		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 19:14	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 00:41	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 00:41	10
Potassium	44.7		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 00:41	10
Magnesium	53.1		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 00:41	10
Molybdenum	0.00543	J	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 00:41	10
Sodium	2850		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 19:14	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 00:41	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 00:41	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 00:41	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 00:41	10

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		02/21/25 10:03	02/21/25 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	210		4.00	4.00	mg/L			02/16/25 16:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	210		4.00	4.00	mg/L			02/16/25 16:12	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-32

Lab Sample ID: 860-93691-2

Date Collected: 02/12/25 08:15

Matrix: Water

Date Received: 02/13/25 09:39

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO ₃ (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:12	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:12	1
Total Dissolved Solids (SM 2540C)	10300		100	100	mg/L			02/19/25 08:53	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	5.00		0.708	0.844	1.00	0.534	pCi/L	02/26/25 08:08	03/11/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.7		30 - 110					02/26/25 08:08	03/11/25 11:42	1
Y Carrier	83.7		30 - 110					02/26/25 08:08	03/11/25 11:42	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	1.29		0.880		1.00	0.340	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EP-33

Lab Sample ID: 860-93691-3

Date Collected: 02/12/25 09:05

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		50.0	25.0	mg/L			02/17/25 17:47	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 17:47	100
Sulfate	3080		50.0	20.0	mg/L			02/17/25 17:47	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.979		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:41	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 00:48	10
Barium	0.0134	U	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 00:48	10
Beryllium	0.00271	U ^+	0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 00:48	10
Boron	62.6		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 19:16	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 00:48	10
Calcium	424		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 19:16	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 00:48	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 00:48	10
Potassium	40.3		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 00:48	10
Magnesium	40.8		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 00:48	10
Molybdenum	0.0138	J	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 00:48	10
Sodium	2510		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 19:16	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 00:48	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 00:48	10

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-33

Lab Sample ID: 860-93691-3

Date Collected: 02/12/25 09:05

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 00:48	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 00:48	10

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		02/21/25 10:03	02/21/25 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	234		4.00	4.00	mg/L			02/16/25 16:41	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	234		4.00	4.00	mg/L			02/16/25 16:41	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:41	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:41	1
Total Dissolved Solids (SM 2540C)	9020		100	100	mg/L			02/19/25 08:53	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	2.28		0.544	0.583	1.00	0.560	pCi/L	02/26/25 08:08	03/11/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.2		30 - 110					02/26/25 08:08	03/11/25 11:42	1
Y Carrier	81.1		30 - 110					02/26/25 08:08	03/11/25 11:42	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.530		0.620		1.00	0.370	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EP-34

Lab Sample ID: 860-93691-4

Date Collected: 02/12/25 10:15

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		50.0	25.0	mg/L			02/17/25 17:58	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 17:58	100
Sulfate	2810		50.0	20.0	mg/L			02/17/25 17:58	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.48		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:42	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 01:01	10
Barium	0.0155	J	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 01:01	10
Beryllium	0.00271	U ^+	0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 01:01	10

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-34

Lab Sample ID: 860-93691-4

Date Collected: 02/12/25 10:15

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	41.3		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 19:18	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 01:01	10
Calcium	468		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 19:18	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 01:01	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 01:01	10
Potassium	48.4		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 01:01	10
Magnesium	65.0		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 01:01	10
Molybdenum	0.00441	J	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 01:01	10
Sodium	3890		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 19:18	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 01:01	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 01:01	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 01:01	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 01:01	10

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		02/21/25 10:03	02/21/25 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	234		4.00	4.00	mg/L			02/16/25 16:47	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	234		4.00	4.00	mg/L			02/16/25 16:47	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:47	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:47	1
Total Dissolved Solids (SM 2540C)	11100		100	100	mg/L			02/19/25 08:53	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	7.55		0.845	1.09	1.00	0.521	pCi/L	02/26/25 08:08	03/11/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	94.5		30 - 110					02/26/25 08:08	03/11/25 11:42	1
Y Carrier	81.1		30 - 110					02/26/25 08:08	03/11/25 11:42	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	1.35		0.840		1.00	0.330	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EP-35

Lab Sample ID: 860-93691-5

Date Collected: 02/12/25 11:15

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300		50.0	25.0	mg/L			02/17/25 18:09	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 18:09	100

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-35

Lab Sample ID: 860-93691-5

Date Collected: 02/12/25 11:15

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2980		50.0	20.0	mg/L			02/17/25 18:09	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.50		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:44	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 01:07	10
Barium	0.0188	J	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 01:07	10
Beryllium	0.00271	U ^+	0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 01:07	10
Boron	36.1		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 19:20	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 01:07	10
Calcium	429		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 19:20	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 01:07	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 01:07	10
Potassium	46.0		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 01:07	10
Magnesium	76.1		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 01:07	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 01:07	10
Sodium	3510		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 19:20	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 01:07	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 01:07	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 01:07	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 01:07	10

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		02/21/25 10:03	02/21/25 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	194		4.00	4.00	mg/L			02/16/25 16:31	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	194		4.00	4.00	mg/L			02/16/25 16:31	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:31	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:31	1
Total Dissolved Solids (SM 2540C)	11000		100	100	mg/L			02/19/25 08:53	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	1.89		0.478	0.508	1.00	0.499	pCi/L	02/26/25 08:08	03/11/25 11:42	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.1		30 - 110					02/26/25 08:08	03/11/25 11:42	1
Y Carrier	80.7		30 - 110					02/26/25 08:08	03/11/25 11:42	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-35

Lab Sample ID: 860-93691-5

Date Collected: 02/12/25 11:15

Matrix: Water

Date Received: 02/13/25 09:39

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.710		0.630		1.00	0.310	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EP-36

Lab Sample ID: 860-93691-6

Date Collected: 02/12/25 11:05

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3260		50.0	25.0	mg/L			02/17/25 18:20	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 18:20	100
Sulfate	2130		50.0	20.0	mg/L			02/17/25 18:20	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.56		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:46	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 01:14	10
Barium	0.0218	J	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 01:14	10
Beryllium	0.00271	U ^+	0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 01:14	10
Boron	42.4		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 19:22	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 01:14	10
Calcium	509		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 19:22	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 01:14	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 01:14	10
Potassium	48.5		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 01:14	10
Magnesium	95.8		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 01:14	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 01:14	10
Sodium	2980		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 19:22	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 01:14	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 01:14	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 01:14	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 01:14	10

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		02/21/25 10:03	02/21/25 18:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	163		4.00	4.00	mg/L			02/16/25 16:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	163		4.00	4.00	mg/L			02/16/25 16:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:36	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:36	1
Total Dissolved Solids (SM 2540C)	9440		100	100	mg/L			02/19/25 08:53	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-36

Lab Sample ID: 860-93691-6

Date Collected: 02/12/25 11:05

Matrix: Water

Date Received: 02/13/25 09:39

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	3.93		0.644	0.739	1.00	0.498	pCi/L	02/26/25 08:08	03/11/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					02/26/25 08:08	03/11/25 11:43	1
Y Carrier	79.3		30 - 110					02/26/25 08:08	03/11/25 11:43	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.960		0.780		1.00	0.360	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EP-37

Lab Sample ID: 860-93691-7

Date Collected: 02/12/25 09:20

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2670		50.0	25.0	mg/L			02/17/25 18:31	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 18:31	100
Sulfate	2440		50.0	20.0	mg/L			02/17/25 18:31	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.59		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:47	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 08:30	02/20/25 01:20	10
Barium	0.0179	J	0.0400	0.0134	mg/L		02/19/25 08:30	02/20/25 01:20	10
Beryllium	0.00271	U ^+	0.0200	0.00271	mg/L		02/19/25 08:30	02/20/25 01:20	10
Boron	10.9		1.00	0.401	mg/L		02/19/25 08:30	02/20/25 19:25	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 08:30	02/20/25 01:20	10
Calcium	375		10.0	3.01	mg/L		02/19/25 08:30	02/20/25 19:25	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 08:30	02/20/25 01:20	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 08:30	02/20/25 01:20	10
Potassium	48.7		1.00	0.220	mg/L		02/19/25 08:30	02/20/25 01:20	10
Magnesium	68.3		1.00	0.164	mg/L		02/19/25 08:30	02/20/25 01:20	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 08:30	02/20/25 01:20	10
Sodium	2720		10.0	5.64	mg/L		02/19/25 08:30	02/20/25 19:25	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 08:30	02/20/25 01:20	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 08:30	02/20/25 01:20	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/19/25 08:30	02/20/25 01:20	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 08:30	02/20/25 01:20	10

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		02/21/25 10:03	02/21/25 18:09	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-37

Lab Sample ID: 860-93691-7

Date Collected: 02/12/25 09:20

Matrix: Water

Date Received: 02/13/25 09:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	198		4.00	4.00	mg/L			02/16/25 16:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	198		4.00	4.00	mg/L			02/16/25 16:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:02	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:02	1
Total Dissolved Solids (SM 2540C)	8830		100	100	mg/L			02/19/25 08:53	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	4.63		0.755	0.866	1.00	0.527	pCi/L	02/26/25 08:08	03/11/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	79.8		30 - 110					02/26/25 08:08	03/11/25 11:43	1
Y Carrier	75.1		30 - 110					02/26/25 08:08	03/11/25 11:43	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.530		0.670		1.00	0.330	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EP-38

Lab Sample ID: 860-93691-8

Date Collected: 02/12/25 08:35

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		50.0	25.0	mg/L			02/17/25 18:53	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 18:53	100
Sulfate	2090		50.0	20.0	mg/L			02/17/25 18:53	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.08		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:49	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 10:00	02/20/25 03:50	10
Barium	0.0149	J	0.0400	0.0134	mg/L		02/19/25 10:00	02/20/25 03:50	10
Beryllium	0.00271	U	0.0200	0.00271	mg/L		02/19/25 10:00	02/20/25 21:33	10
Boron	3.04		1.00	0.401	mg/L		02/19/25 10:00	02/20/25 20:21	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 10:00	02/20/25 03:50	10
Calcium	447		10.0	3.01	mg/L		02/19/25 10:00	02/20/25 20:21	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 10:00	02/20/25 03:50	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 10:00	02/20/25 03:50	10
Potassium	39.5		1.00	0.220	mg/L		02/19/25 10:00	02/20/25 03:50	10
Magnesium	67.7		1.00	0.164	mg/L		02/19/25 10:00	02/20/25 03:50	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/19/25 10:00	02/20/25 03:50	10
Sodium	1390		10.0	5.64	mg/L		02/19/25 10:00	02/20/25 20:21	100

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-38

Lab Sample ID: 860-93691-8

Date Collected: 02/12/25 08:35

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 10:00	02/20/25 03:50	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 10:00	02/20/25 03:50	10
Selenium	0.0590	U	0.200	0.0590	mg/L		02/19/25 10:00	02/20/25 20:21	100
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 10:00	02/20/25 03:50	10

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		02/21/25 10:03	02/21/25 18:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	54.3		4.00	4.00	mg/L			02/16/25 16:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	54.3		4.00	4.00	mg/L			02/16/25 16:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:18	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:18	1
Total Dissolved Solids (SM 2540C)	5860		40.0	40.0	mg/L			02/19/25 08:53	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	2.20		0.528	0.565	1.00	0.519	pCi/L	02/26/25 08:08	03/11/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.1		30 - 110					02/26/25 08:08	03/11/25 11:43	1
Y Carrier	78.5		30 - 110					02/26/25 08:08	03/11/25 11:43	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.360	U	0.400		1.00	0.410	pCi/L	02/21/25 09:23	03/12/25 15:47	1

Client Sample ID: MW-04

Lab Sample ID: 860-93691-9

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		50.0	25.0	mg/L			02/17/25 19:04	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 19:04	100
Sulfate	1940		50.0	20.0	mg/L			02/17/25 19:04	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.964		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:51	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 10:00	02/20/25 04:03	10

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: MW-04

Lab Sample ID: 860-93691-9

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0134	U	0.0400	0.0134	mg/L		02/19/25 10:00	02/20/25 04:03	10
Beryllium	0.00271	U	0.0200	0.00271	mg/L		02/19/25 10:00	02/20/25 21:35	10
Boron	12.5		1.00	0.401	mg/L		02/19/25 10:00	02/20/25 20:23	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 10:00	02/20/25 04:03	10
Calcium	270		10.0	3.01	mg/L		02/19/25 10:00	02/20/25 20:23	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 10:00	02/20/25 04:03	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 10:00	02/20/25 04:03	10
Potassium	38.6		1.00	0.220	mg/L		02/19/25 10:00	02/20/25 04:03	10
Magnesium	55.7		1.00	0.164	mg/L		02/19/25 10:00	02/20/25 04:03	10
Molybdenum	0.00286	J	0.0200	0.00255	mg/L		02/19/25 10:00	02/20/25 04:03	10
Sodium	1720		10.0	5.64	mg/L		02/19/25 10:00	02/20/25 20:23	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 10:00	02/20/25 04:03	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 10:00	02/20/25 04:03	10
Selenium	0.0590	U	0.200	0.0590	mg/L		02/19/25 10:00	02/20/25 20:23	100
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 10:00	02/20/25 04:03	10

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		02/21/25 10:03	02/21/25 18:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	142		4.00	4.00	mg/L			02/16/25 16:07	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	142		4.00	4.00	mg/L			02/16/25 16:07	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:07	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:07	1
Total Dissolved Solids (SM 2540C)	5790		40.0	40.0	mg/L			02/19/25 08:53	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	2.07		0.547	0.579	1.00	0.568	pCi/L	02/26/25 08:08	03/11/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.7		30 - 110					02/26/25 08:08	03/11/25 11:43	1
Y Carrier	78.1		30 - 110					02/26/25 08:08	03/11/25 11:43	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.660		0.480		1.00	0.410	pCi/L	02/21/25 09:23	03/12/25 15:47	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: Dup-03

Lab Sample ID: 860-93691-10

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2030		50.0	25.0	mg/L			02/17/25 19:15	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 19:15	100
Sulfate	3040		50.0	20.0	mg/L			02/17/25 19:15	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.968		0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:53	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/19/25 10:00	02/20/25 04:09	10
Barium	0.0134	U	0.0400	0.0134	mg/L		02/19/25 10:00	02/20/25 04:09	10
Beryllium	0.00271	U	0.0200	0.00271	mg/L		02/19/25 10:00	02/20/25 21:37	10
Boron	62.1		1.00	0.401	mg/L		02/19/25 10:00	02/20/25 20:25	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/19/25 10:00	02/20/25 04:09	10
Calcium	423		10.0	3.01	mg/L		02/19/25 10:00	02/20/25 20:25	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/19/25 10:00	02/20/25 04:09	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/19/25 10:00	02/20/25 04:09	10
Potassium	39.9		1.00	0.220	mg/L		02/19/25 10:00	02/20/25 04:09	10
Magnesium	39.7		1.00	0.164	mg/L		02/19/25 10:00	02/20/25 04:09	10
Molybdenum	0.0134	J	0.0200	0.00255	mg/L		02/19/25 10:00	02/20/25 04:09	10
Sodium	2440		10.0	5.64	mg/L		02/19/25 10:00	02/20/25 20:25	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/19/25 10:00	02/20/25 04:09	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/19/25 10:00	02/20/25 04:09	10
Selenium	0.0590	U	0.200	0.0590	mg/L		02/19/25 10:00	02/20/25 20:25	100
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/19/25 10:00	02/20/25 04:09	10

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		02/21/25 10:03	02/21/25 18:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	235		4.00	4.00	mg/L			02/16/25 16:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	235		4.00	4.00	mg/L			02/16/25 16:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:23	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 16:23	1
Total Dissolved Solids (SM 2540C)	9050		100	100	mg/L			02/19/25 08:53	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		0.492	0.527	1.00	0.482	pCi/L	02/26/25 08:08	03/11/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.9		30 - 110					02/26/25 08:08	03/11/25 11:43	1
Y Carrier	81.5		30 - 110					02/26/25 08:08	03/11/25 11:43	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: Dup-03

Lab Sample ID: 860-93691-10

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.800		0.520		1.00	0.410	pCi/L	02/21/25 10:16	03/12/25 14:51	1

Client Sample ID: FB-03

Lab Sample ID: 860-93691-11

Date Collected: 02/12/25 11:30

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.250	U	0.500	0.250	mg/L			02/17/25 19:26	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 19:26	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 19:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:54	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/19/25 10:00	02/20/25 04:15	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/19/25 10:00	02/20/25 04:15	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/19/25 10:00	02/20/25 20:36	1
Boron	0.00761	J	0.0100	0.00401	mg/L		02/19/25 10:00	02/20/25 20:36	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/19/25 10:00	02/20/25 04:15	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 10:00	02/20/25 20:36	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/19/25 10:00	02/20/25 04:15	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/19/25 10:00	02/20/25 04:15	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/19/25 10:00	02/20/25 04:15	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/19/25 10:00	02/20/25 04:15	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/19/25 10:00	02/20/25 04:15	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 10:00	02/20/25 20:36	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/19/25 10:00	02/20/25 04:15	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/19/25 10:00	02/20/25 04:15	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/19/25 10:00	02/20/25 20:36	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/19/25 10:00	02/20/25 04:15	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		02/21/25 10:03	02/21/25 18:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:58	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 10:58	1
Total Dissolved Solids (SM 2540C)	5.00	U	5.00	5.00	mg/L			02/19/25 08:53	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: FB-03

Lab Sample ID: 860-93691-11

Date Collected: 02/12/25 11:30

Matrix: Water

Date Received: 02/13/25 09:39

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	0.728		0.373	0.379	1.00	0.507	pCi/L	02/26/25 08:08	03/11/25 11:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.7		30 - 110					02/26/25 08:08	03/11/25 11:43	1
Y Carrier	78.5		30 - 110					02/26/25 08:08	03/11/25 11:43	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.100	U	0.280		1.00	0.420	pCi/L	02/21/25 09:23	03/12/25 15:47	1

Client Sample ID: EB-02

Lab Sample ID: 860-93691-12

Date Collected: 02/12/25 10:25

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.302	J	0.500	0.250	mg/L			02/17/25 19:31	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 19:31	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 19:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:59	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/19/25 10:00	02/20/25 04:18	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/19/25 10:00	02/20/25 04:18	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/19/25 10:00	02/20/25 20:38	1
Boron	0.00660	J	0.0100	0.00401	mg/L		02/19/25 10:00	02/20/25 20:38	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/19/25 10:00	02/20/25 04:18	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 10:00	02/20/25 20:38	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/19/25 10:00	02/20/25 04:18	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/19/25 10:00	02/20/25 04:18	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/19/25 10:00	02/20/25 04:18	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/19/25 10:00	02/20/25 04:18	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/19/25 10:00	02/20/25 04:18	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 10:00	02/20/25 20:38	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/19/25 10:00	02/20/25 04:18	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/19/25 10:00	02/20/25 04:18	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/19/25 10:00	02/20/25 20:38	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/19/25 10:00	02/20/25 04:18	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		02/21/25 10:03	02/21/25 18:16	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EB-02

Lab Sample ID: 860-93691-12

Date Collected: 02/12/25 10:25

Matrix: Water

Date Received: 02/13/25 09:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:15	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:15	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:15	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:15	1
Total Dissolved Solids (SM 2540C)	5.00	U	5.00	5.00	mg/L			02/19/25 08:53	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	0.270	U	0.331	0.332	1.00	0.548	pCi/L	02/26/25 08:08	03/11/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110					02/26/25 08:08	03/11/25 11:52	1
Y Carrier	83.4		30 - 110					02/26/25 08:08	03/11/25 11:52	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	-0.0500	U	0.140		1.00	0.360	pCi/L	02/21/25 10:16	03/12/25 14:51	1

Tracer/Carrier Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

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)
860-93691-1	EP-31	97.1	77.8
860-93691-1 MS	EP-31	93.7	81.1
860-93691-1 MSD	EP-31	85.1	81.5
860-93691-2	EP-32	92.7	83.7
860-93691-3	EP-33	88.2	81.1
860-93691-4	EP-34	94.5	81.1
860-93691-5	EP-35	96.1	80.7
860-93691-6	EP-36	92.1	79.3
860-93691-7	EP-37	79.8	75.1
860-93691-8	EP-38	90.1	78.5
860-93691-9	MW-04	81.7	78.1
860-93691-10	Dup-03	91.9	81.5
860-93691-11	FB-03	88.7	78.5
860-93691-12	EB-02	84.0	83.4
LCS 160-704932/2-A	Lab Control Sample	86.6	82.2
MB 160-704932/1-A	Method Blank	90.1	84.9
Tracer/Carrier Legend			
Ba = Ba Carrier			
Y = Y Carrier			

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-217020/3

Matrix: Water

Analysis Batch: 217020

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			02/17/25 10:13	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 10:13	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 10:13	1

Lab Sample ID: MB 860-217020/45

Matrix: Water

Analysis Batch: 217020

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			02/17/25 16:47	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 16:47	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 16:47	1

Lab Sample ID: LCS 860-217020/46

Matrix: Water

Analysis Batch: 217020

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	10.07		mg/L		101	90 - 110
Fluoride	10.0	10.75		mg/L		108	90 - 110
Sulfate	10.0	10.12		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-217020/47

Matrix: Water

Analysis Batch: 217020

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	10.13		mg/L		101	90 - 110	1	20
Fluoride	10.0	10.83		mg/L		108	90 - 110	1	20
Sulfate	10.0	10.19		mg/L		102	90 - 110	1	20

Lab Sample ID: LLCS 860-217020/7

Matrix: Water

Analysis Batch: 217020

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	0.6089		mg/L		122	50 - 150
Fluoride	0.500	0.4827	J	mg/L		97	50 - 150
Sulfate	0.500	0.5721		mg/L		114	50 - 150

Lab Sample ID: 860-93691-1 MS

Matrix: Water

Analysis Batch: 217020

Client Sample ID: EP-31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	126		10.0	134.4	4	mg/L		84	90 - 110
Fluoride	1.98	F1	10.0	13.31	F1	mg/L		113	90 - 110

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-93691-1 MSD

Matrix: Water

Analysis Batch: 217020

Client Sample ID: EP-31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	126		10.0	134.0	4	mg/L		81	90 - 110	0	15
Fluoride	1.98	F1	10.0	13.34	F1	mg/L		114	90 - 110	0	15

Lab Sample ID: MB 860-217567/3

Matrix: Water

Analysis Batch: 217567

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			02/19/25 10:34	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/19/25 10:34	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/19/25 10:34	1

Lab Sample ID: LCS 860-217567/4

Matrix: Water

Analysis Batch: 217567

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	9.853		mg/L		99	90 - 110
Fluoride	10.0	10.52		mg/L		105	90 - 110
Sulfate	10.0	9.877		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-217567/5

Matrix: Water

Analysis Batch: 217567

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	9.950		mg/L		100	90 - 110	1	20
Fluoride	10.0	10.63		mg/L		106	90 - 110	1	20
Sulfate	10.0	9.993		mg/L		100	90 - 110	1	20

Lab Sample ID: LLCS 860-217567/7

Matrix: Water

Analysis Batch: 217567

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	0.6169		mg/L		123	50 - 150
Fluoride	0.500	0.4896	J	mg/L		98	50 - 150
Sulfate	0.500	0.5776		mg/L		116	50 - 150

Lab Sample ID: 860-93691-1 MS

Matrix: Water

Analysis Batch: 217567

Client Sample ID: EP-31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	3200	F1	100	3231	4	mg/L		31	90 - 110

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-93691-1 MSD
Matrix: Water
Analysis Batch: 217567

Client Sample ID: EP-31
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	3200	F1	100	3225	4	mg/L		26	90 - 110	0	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-217861/1-A
Matrix: Water
Analysis Batch: 218514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217861

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/20/25 09:30	02/21/25 15:22	1

Lab Sample ID: LCS 860-217861/2-A
Matrix: Water
Analysis Batch: 218514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9630		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-217861/3-A
Matrix: Water
Analysis Batch: 218514

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9650		mg/L		97	80 - 120	0	20

Lab Sample ID: 860-93691-1 MS
Matrix: Water
Analysis Batch: 218514

Client Sample ID: EP-31
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.880		1.00	2.080		mg/L		120	75 - 125

Lab Sample ID: 860-93691-1 MSD
Matrix: Water
Analysis Batch: 218514

Client Sample ID: EP-31
Prep Type: Total/NA
Prep Batch: 217861

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.880		1.00	2.030		mg/L		115	75 - 125	2	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-217553/1-A
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/19/25 08:30	02/19/25 23:19	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/19/25 08:30	02/19/25 23:19	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/19/25 08:30	02/19/25 23:19	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/19/25 08:30	02/19/25 23:19	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

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

Lab Sample ID: MB 860-217553/1-A
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/19/25 08:30	02/19/25 23:19	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/19/25 08:30	02/19/25 23:19	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/19/25 08:30	02/19/25 23:19	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/19/25 08:30	02/19/25 23:19	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/19/25 08:30	02/19/25 23:19	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/19/25 08:30	02/19/25 23:19	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 08:30	02/19/25 23:19	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/19/25 08:30	02/19/25 23:19	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/19/25 08:30	02/19/25 23:19	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/19/25 08:30	02/19/25 23:19	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/19/25 08:30	02/19/25 23:19	1

Lab Sample ID: MB 860-217553/1-A
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 08:30	02/20/25 18:17	1

Lab Sample ID: LCS 860-217553/2-A
Matrix: Water
Analysis Batch: 217789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09750		mg/L		98	80 - 120
Barium	0.100	0.09352		mg/L		94	80 - 120
Beryllium	0.100	0.09902		mg/L		99	80 - 120
Boron	0.100	0.09516		mg/L		95	80 - 120
Cadmium	0.100	0.1010		mg/L		101	80 - 120
Chromium	0.100	0.09926		mg/L		99	80 - 120
Cobalt	0.100	0.1011		mg/L		101	80 - 120
Potassium	1.00	0.9809		mg/L		98	80 - 120
Magnesium	2.50	2.545		mg/L		102	80 - 120
Molybdenum	0.100	0.1011		mg/L		101	80 - 120
Sodium	2.50	2.451		mg/L		98	80 - 120
Lead	0.100	0.09881		mg/L		99	80 - 120
Antimony	0.100	0.09023		mg/L		90	80 - 120
Selenium	0.100	0.09615		mg/L		96	80 - 120
Thallium	0.100	0.1024		mg/L		102	80 - 120

Lab Sample ID: LCS 860-217553/2-A
Matrix: Water
Analysis Batch: 217988

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	2.50	2.296		mg/L		92	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

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

Lab Sample ID: LCSD 860-217553/3-A

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Arsenic	0.100	0.09886		mg/L		99	80 - 120		1	20
Barium	0.100	0.09282		mg/L		93	80 - 120		1	20
Beryllium	0.100	0.1014		mg/L		101	80 - 120		2	20
Boron	0.100	0.09913		mg/L		99	80 - 120		4	20
Cadmium	0.100	0.1020		mg/L		102	80 - 120		1	20
Chromium	0.100	0.1000		mg/L		100	80 - 120		1	20
Cobalt	0.100	0.1029		mg/L		103	80 - 120		2	20
Potassium	1.00	1.007		mg/L		101	80 - 120		3	20
Magnesium	2.50	2.611		mg/L		104	80 - 120		3	20
Molybdenum	0.100	0.1016		mg/L		102	80 - 120		1	20
Sodium	2.50	2.508		mg/L		100	80 - 120		2	20
Lead	0.100	0.09932		mg/L		99	80 - 120		1	20
Antimony	0.100	0.09065		mg/L		91	80 - 120		0	20
Selenium	0.100	0.09251		mg/L		93	80 - 120		4	20
Thallium	0.100	0.1023		mg/L		102	80 - 120		0	20

Lab Sample ID: LCSD 860-217553/3-A

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Calcium	2.50	2.277		mg/L		91	80 - 120		1	20

Lab Sample ID: MB 860-217225/1-B

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217600

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/19/25 10:00	02/20/25 01:38	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/19/25 10:00	02/20/25 01:38	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/19/25 10:00	02/20/25 01:38	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/19/25 10:00	02/20/25 01:38	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/19/25 10:00	02/20/25 01:38	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/19/25 10:00	02/20/25 01:38	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/19/25 10:00	02/20/25 01:38	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/19/25 10:00	02/20/25 01:38	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/19/25 10:00	02/20/25 01:38	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/19/25 10:00	02/20/25 01:38	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/19/25 10:00	02/20/25 01:38	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/19/25 10:00	02/20/25 01:38	1

Lab Sample ID: MB 860-217225/1-B

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217600

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/19/25 10:00	02/20/25 19:39	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/19/25 10:00	02/20/25 19:39	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/19/25 10:00	02/20/25 19:39	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

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

Lab Sample ID: MB 860-217225/1-B

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	0.0564	U	0.100	0.0564	mg/L		02/19/25 10:00	02/20/25 19:39	1

Lab Sample ID: LCS 860-217225/2-B

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09728		mg/L		97	80 - 120
Barium	0.100	0.09876		mg/L		99	80 - 120
Cadmium	0.100	0.09953		mg/L		100	80 - 120
Chromium	0.100	0.09820		mg/L		98	80 - 120
Cobalt	0.100	0.09812		mg/L		98	80 - 120
Potassium	1.00	1.017		mg/L		102	80 - 120
Magnesium	2.50	2.593		mg/L		104	80 - 120
Molybdenum	0.100	0.09864		mg/L		99	80 - 120
Lead	0.100	0.09853		mg/L		99	80 - 120
Antimony	0.100	0.09396		mg/L		94	80 - 120
Selenium	0.100	0.09896		mg/L		99	80 - 120
Thallium	0.100	0.1014		mg/L		101	80 - 120

Lab Sample ID: LCS 860-217225/2-B

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.09769		mg/L		98	80 - 120
Boron	0.100	0.09994		mg/L		100	80 - 120
Calcium	2.50	2.297		mg/L		92	80 - 120
Sodium	2.50	2.523		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-217225/3-B

Matrix: Water

Analysis Batch: 217789

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09685		mg/L		97	80 - 120	0	20
Barium	0.100	0.09901		mg/L		99	80 - 120	0	20
Cadmium	0.100	0.09896		mg/L		99	80 - 120	1	20
Chromium	0.100	0.09708		mg/L		97	80 - 120	1	20
Cobalt	0.100	0.09734		mg/L		97	80 - 120	1	20
Potassium	1.00	1.002		mg/L		100	80 - 120	2	20
Magnesium	2.50	2.550		mg/L		102	80 - 120	2	20
Molybdenum	0.100	0.09768		mg/L		98	80 - 120	1	20
Lead	0.100	0.09929		mg/L		99	80 - 120	1	20
Antimony	0.100	0.09618		mg/L		96	80 - 120	2	20
Selenium	0.100	0.09895		mg/L		99	80 - 120	0	20
Thallium	0.100	0.1013		mg/L		101	80 - 120	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

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

Lab Sample ID: LCSD 860-217225/3-B

Matrix: Water

Analysis Batch: 217988

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Beryllium	0.100	0.09820		mg/L		98	80 - 120		1	20
Boron	0.100	0.09948		mg/L		99	80 - 120		0	20
Calcium	2.50	2.291		mg/L		92	80 - 120		0	20
Sodium	2.50	2.537		mg/L		101	80 - 120		1	20

Lab Sample ID: 860-93691-1 MS

Matrix: Water

Analysis Batch: 217789

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Arsenic	0.0168	J	0.100	0.1152		mg/L		98	75 - 125	
Barium	0.0134	U	0.100	0.1043		mg/L		104	75 - 125	
Cadmium	0.0146	J	0.100	0.1119		mg/L		97	75 - 125	
Chromium	0.00560	U	0.100	0.09695		mg/L		97	75 - 125	
Cobalt	0.102		0.100	0.2021		mg/L		100	75 - 125	
Potassium	42.1		1.00	43.36	4	mg/L		123	75 - 125	
Magnesium	41.4		2.50	43.96	4	mg/L		102	75 - 125	
Molybdenum	0.00255	U	0.100	0.1002		mg/L		100	75 - 125	
Lead	0.00367	U	0.100	0.09975		mg/L		100	75 - 125	
Antimony	0.00750	U	0.100	0.09781		mg/L		98	75 - 125	
Selenium	0.125		0.100	0.2068		mg/L		82	75 - 125	
Thallium	0.00415	U	0.100	0.09564		mg/L		96	75 - 125	

Lab Sample ID: 860-93691-1 MS

Matrix: Water

Analysis Batch: 217988

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Beryllium	0.0726		0.100	0.1950		mg/L		122	75 - 125	

Lab Sample ID: 860-93691-1 MS

Matrix: Water

Analysis Batch: 217988

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Boron	5.59		0.100	5.409	4	mg/L		-185	75 - 125	
Calcium	452		2.50	456.6	4	mg/L		184	75 - 125	
Sodium	992		2.50	1008	4	mg/L		623	75 - 125	

Lab Sample ID: 860-93691-1 MSD

Matrix: Water

Analysis Batch: 217789

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Arsenic	0.0168	J	0.100	0.1127		mg/L		96	75 - 125		2	20
Barium	0.0134	U	0.100	0.1009		mg/L		101	75 - 125		3	20
Cadmium	0.0146	J	0.100	0.1112		mg/L		97	75 - 125		1	20
Chromium	0.00560	U	0.100	0.09495		mg/L		95	75 - 125		2	20
Cobalt	0.102		0.100	0.2096		mg/L		107	75 - 125		4	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

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

Lab Sample ID: 860-93691-1 MSD

Matrix: Water

Analysis Batch: 217789

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Potassium	42.1		1.00	40.77	4	mg/L		-137	75 - 125	6	20
Magnesium	41.4		2.50	45.55	4	mg/L		166	75 - 125	4	20
Molybdenum	0.00255	U	0.100	0.1010		mg/L		101	75 - 125	1	20
Lead	0.00367	U	0.100	0.09786		mg/L		98	75 - 125	2	20
Antimony	0.00750	U	0.100	0.09601		mg/L		96	75 - 125	2	20
Selenium	0.125		0.100	0.2116		mg/L		87	75 - 125	2	20
Thallium	0.00415	U	0.100	0.09367		mg/L		94	75 - 125	2	20

Lab Sample ID: 860-93691-1 MSD

Matrix: Water

Analysis Batch: 217988

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Beryllium	0.0726		0.100	0.1809		mg/L		108	75 - 125	7	20

Lab Sample ID: 860-93691-1 MSD

Matrix: Water

Analysis Batch: 217988

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 217600

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Boron	5.59		0.100	4.820	4	mg/L		-775	75 - 125	12	20
Calcium	452		2.50	420.1	4	mg/L		-1279	75 - 125	8	20
Sodium	992		2.50	902.9	4	mg/L		-3579	75 - 125	11	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-218126/1-A

Matrix: Water

Analysis Batch: 218274

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 218126

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		02/21/25 10:02	02/21/25 17:49	1

Lab Sample ID: LCS 860-218126/2-A

Matrix: Water

Analysis Batch: 218274

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 218126

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
							Limits
Mercury	0.00200	0.001812		mg/L		91	80 - 120

Lab Sample ID: LCSD 860-218126/3-A

Matrix: Water

Analysis Batch: 218274

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 218126

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Limits		
Mercury	0.00200	0.001848		mg/L		92	80 - 120	2	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 860-93691-1 MS
Matrix: Water
Analysis Batch: 218274

Client Sample ID: EP-31
Prep Type: Total/NA
Prep Batch: 218126

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0000706	U	0.00200	0.001993		mg/L		100	75 - 125

Lab Sample ID: 860-93691-1 MSD
Matrix: Water
Analysis Batch: 218274

Client Sample ID: EP-31
Prep Type: Total/NA
Prep Batch: 218126

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	0.001816		mg/L		91	75 - 125	9	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-217014/3
Matrix: Water
Analysis Batch: 217014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1

Lab Sample ID: MB 860-217014/34
Matrix: Water
Analysis Batch: 217014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1

Lab Sample ID: LCS 860-217014/35
Matrix: Water
Analysis Batch: 217014

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	241.5		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-217014/36
Matrix: Water
Analysis Batch: 217014

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
Total Alkalinity	250	242.6		mg/L		97	85 - 115	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 860-217127/3

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1

Lab Sample ID: MB 860-217127/31

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1

Lab Sample ID: LCS 860-217127/32

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	242.1		mg/L		97	85 - 115

Lab Sample ID: LCS 860-217127/4

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	239.4		mg/L		96	85 - 115

Lab Sample ID: LCSD 860-217127/33

Matrix: Water

Analysis Batch: 217127

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
Total Alkalinity	250	241.4		mg/L		97	85 - 115	0	20

Lab Sample ID: LCSD 860-217127/5

Matrix: Water

Analysis Batch: 217127

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
Total Alkalinity	250	240.1		mg/L		96	85 - 115	0	20

Lab Sample ID: 860-93691-11 DU

Matrix: Water

Analysis Batch: 217127

Client Sample ID: FB-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	4.00	U	4.00	U	mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	U	mg/L		NC	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 860-93691-11 DU

Matrix: Water

Analysis Batch: 217127

Client Sample ID: FB-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
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

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-217543/1

Matrix: Water

Analysis Batch: 217543

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			02/19/25 08:52	1

Lab Sample ID: LCS 860-217543/2

Matrix: Water

Analysis Batch: 217543

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	1000	965.0		mg/L		97	80 - 120

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-704932/1-A

Matrix: Water

Analysis Batch: 707020

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 704932

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2051	U	0.317	0.318	1.00	0.538	pCi/L	02/26/25 08:08	03/11/25 11:41	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	90.1		30 - 110					02/26/25 08:08	03/11/25 11:41	1
Y Carrier	84.9		30 - 110					02/26/25 08:08	03/11/25 11:41	1

Lab Sample ID: LCS 160-704932/2-A

Matrix: Water

Analysis Batch: 707020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 704932

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	Limits
Radium-228	8.03	9.867		1.34	1.00	0.502	pCi/L	123	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits						
Ba Carrier	86.6		30 - 110						
Y Carrier	82.2		30 - 110						

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 860-93691-1 MS

Matrix: Water

Analysis Batch: 707020

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 704932

						Total							
Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228	0.416	U	10.7	13.01		1.75	1.00	0.716	pCi/L	118	60 - 140		
Carrier	MS %Yield	MS Qualifier	Limits										
Ba Carrier	93.7		30 - 110										
Y Carrier	81.1		30 - 110										

Lab Sample ID: 860-93691-1 MSD

Matrix: Water

Analysis Batch: 707020

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 704932

	Total												
	Sample	Sample	Spike	MSD	MSD	Total					%Rec		RER
Analyte	Result	Qual	Added	Result	Qual	Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	Limit
Radium-228	0.416	U	10.7	14.09		1.91	1.00	0.882	pCi/L	128	60 - 140	0.29	1
Carrier	MSD %Yield	MSD Qualifier	Limits										
Ba Carrier	85.1		30 - 110										
Y Carrier	81.5		30 - 110										

Method: SM7500 Ra B - Radium-226

Lab Sample ID: MB 810-134082/1-A

Matrix: Water

Analysis Batch: 136469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 134082

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.1500	U	0.300		1.00	0.410	pCi/L	02/21/25 09:23	03/12/25 15:47	1

Lab Sample ID: LCS 810-134082/2-A

Matrix: Water

Analysis Batch: 136469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 134082

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.06	4.700			1.00	0.360	pCi/L	93	90 - 110

Lab Sample ID: MB 810-134093/1-A

Matrix: Water

Analysis Batch: 136334

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 134093

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	-0.07000	U	0.140		1.00	0.360	pCi/L	02/21/25 10:16	03/12/25 14:51	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method: SM7500 Ra B - Radium-226 (Continued)

Lab Sample ID: LCS 810-134093/2-A
Matrix: Water
Analysis Batch: 136334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134093

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Ra-226			5.06	4.910			1.00	0.340	pCi/L	97	90 - 110		

Lab Sample ID: 860-93691-1 MS
Matrix: Water
Analysis Batch: 137076

Client Sample ID: EP-31
Prep Type: Total/NA
Prep Batch: 134093

Analyte	Sample Result	Sample Qual	Spike Added	MS Result	MS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Ra-226	0.420		5.29	5.450			1.00	0.130	pCi/L	103	80 - 120		

Lab Sample ID: 860-93691-1 MSD
Matrix: Water
Analysis Batch: 137076

Client Sample ID: EP-31
Prep Type: Total/NA
Prep Batch: 134093

Analyte	Sample Result	Sample Qual	Spike Added	MSD Result	MSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Ra-226	0.420		5.29	5.360			1.00	0.120	pCi/L	101	80 - 120	0.06	

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

HPLC/IC

Analysis Batch: 217020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	300.0	
860-93691-1 - DL	EP-31	Total/NA	Water	300.0	
860-93691-2	EP-32	Total/NA	Water	300.0	
860-93691-3	EP-33	Total/NA	Water	300.0	
860-93691-4	EP-34	Total/NA	Water	300.0	
860-93691-5	EP-35	Total/NA	Water	300.0	
860-93691-6	EP-36	Total/NA	Water	300.0	
860-93691-7	EP-37	Total/NA	Water	300.0	
860-93691-8	EP-38	Total/NA	Water	300.0	
860-93691-9	MW-04	Total/NA	Water	300.0	
860-93691-10	Dup-03	Total/NA	Water	300.0	
860-93691-11	FB-03	Total/NA	Water	300.0	
860-93691-12	EB-02	Total/NA	Water	300.0	
MB 860-217020/3	Method Blank	Total/NA	Water	300.0	
MB 860-217020/45	Method Blank	Total/NA	Water	300.0	
LCS 860-217020/46	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-217020/47	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-217020/7	Lab Control Sample	Total/NA	Water	300.0	
860-93691-1 MS	EP-31	Total/NA	Water	300.0	
860-93691-1 MSD	EP-31	Total/NA	Water	300.0	

Analysis Batch: 217567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	300.0	
MB 860-217567/3	Method Blank	Total/NA	Water	300.0	
LCS 860-217567/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-217567/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-217567/7	Lab Control Sample	Total/NA	Water	300.0	
860-93691-1 MS	EP-31	Total/NA	Water	300.0	
860-93691-1 MSD	EP-31	Total/NA	Water	300.0	

Metals

Filtration Batch: 217225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-217225/1-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 217553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-2	EP-32	Total/NA	Water	3010A	
860-93691-3	EP-33	Total/NA	Water	3010A	
860-93691-4	EP-34	Total/NA	Water	3010A	
860-93691-5	EP-35	Total/NA	Water	3010A	
860-93691-6	EP-36	Total/NA	Water	3010A	
860-93691-7	EP-37	Total/NA	Water	3010A	
MB 860-217553/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217553/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217553/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Metals

Prep Batch: 217600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	3010A	
860-93691-8	EP-38	Total/NA	Water	3010A	
860-93691-9	MW-04	Total/NA	Water	3010A	
860-93691-10	Dup-03	Total/NA	Water	3010A	
860-93691-11	FB-03	Total/NA	Water	3010A	
860-93691-12	EB-02	Total/NA	Water	3010A	
MB 860-217225/1-B	Method Blank	Total/NA	Water	3010A	217225
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	3010A	217225
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	217225
860-93691-1 MS	EP-31	Total/NA	Water	3010A	
860-93691-1 MSD	EP-31	Total/NA	Water	3010A	

Analysis Batch: 217789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	6020A	217600
860-93691-2	EP-32	Total/NA	Water	6020A	217553
860-93691-3	EP-33	Total/NA	Water	6020A	217553
860-93691-4	EP-34	Total/NA	Water	6020A	217553
860-93691-5	EP-35	Total/NA	Water	6020A	217553
860-93691-6	EP-36	Total/NA	Water	6020A	217553
860-93691-7	EP-37	Total/NA	Water	6020A	217553
860-93691-8	EP-38	Total/NA	Water	6020A	217600
860-93691-9	MW-04	Total/NA	Water	6020A	217600
860-93691-10	Dup-03	Total/NA	Water	6020A	217600
860-93691-11	FB-03	Total/NA	Water	6020A	217600
860-93691-12	EB-02	Total/NA	Water	6020A	217600
MB 860-217225/1-B	Method Blank	Total/NA	Water	6020A	217600
MB 860-217553/1-A	Method Blank	Total/NA	Water	6020A	217553
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	6020A	217600
LCS 860-217553/2-A	Lab Control Sample	Total/NA	Water	6020A	217553
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	217600
LCSD 860-217553/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217553
860-93691-1 MS	EP-31	Total/NA	Water	6020A	217600
860-93691-1 MSD	EP-31	Total/NA	Water	6020A	217600

Prep Batch: 217861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	3010A	
860-93691-2	EP-32	Total/NA	Water	3010A	
860-93691-3	EP-33	Total/NA	Water	3010A	
860-93691-4	EP-34	Total/NA	Water	3010A	
860-93691-5	EP-35	Total/NA	Water	3010A	
860-93691-6	EP-36	Total/NA	Water	3010A	
860-93691-7	EP-37	Total/NA	Water	3010A	
860-93691-8	EP-38	Total/NA	Water	3010A	
860-93691-9	MW-04	Total/NA	Water	3010A	
860-93691-10	Dup-03	Total/NA	Water	3010A	
860-93691-11	FB-03	Total/NA	Water	3010A	
860-93691-12	EB-02	Total/NA	Water	3010A	
MB 860-217861/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217861/2-A	Lab Control Sample	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Metals (Continued)

Prep Batch: 217861 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-217861/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-93691-1 MS	EP-31	Total/NA	Water	3010A	
860-93691-1 MSD	EP-31	Total/NA	Water	3010A	

Analysis Batch: 217988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	6020A	217600
860-93691-1	EP-31	Total/NA	Water	6020A	217600
860-93691-2	EP-32	Total/NA	Water	6020A	217553
860-93691-3	EP-33	Total/NA	Water	6020A	217553
860-93691-4	EP-34	Total/NA	Water	6020A	217553
860-93691-5	EP-35	Total/NA	Water	6020A	217553
860-93691-6	EP-36	Total/NA	Water	6020A	217553
860-93691-7	EP-37	Total/NA	Water	6020A	217553
860-93691-8	EP-38	Total/NA	Water	6020A	217600
860-93691-8	EP-38	Total/NA	Water	6020A	217600
860-93691-9	MW-04	Total/NA	Water	6020A	217600
860-93691-9	MW-04	Total/NA	Water	6020A	217600
860-93691-10	Dup-03	Total/NA	Water	6020A	217600
860-93691-10	Dup-03	Total/NA	Water	6020A	217600
860-93691-11	FB-03	Total/NA	Water	6020A	217600
860-93691-12	EB-02	Total/NA	Water	6020A	217600
MB 860-217225/1-B	Method Blank	Total/NA	Water	6020A	217600
MB 860-217553/1-A	Method Blank	Total/NA	Water	6020A	217553
LCS 860-217225/2-B	Lab Control Sample	Total/NA	Water	6020A	217600
LCS 860-217553/2-A	Lab Control Sample	Total/NA	Water	6020A	217553
LCSD 860-217225/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	217600
LCSD 860-217553/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217553
860-93691-1 MS	EP-31	Total/NA	Water	6020A	217600
860-93691-1 MS	EP-31	Total/NA	Water	6020A	217600
860-93691-1 MSD	EP-31	Total/NA	Water	6020A	217600
860-93691-1 MSD	EP-31	Total/NA	Water	6020A	217600

Prep Batch: 218126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	7470A	
860-93691-2	EP-32	Total/NA	Water	7470A	
860-93691-3	EP-33	Total/NA	Water	7470A	
860-93691-4	EP-34	Total/NA	Water	7470A	
860-93691-5	EP-35	Total/NA	Water	7470A	
860-93691-6	EP-36	Total/NA	Water	7470A	
860-93691-7	EP-37	Total/NA	Water	7470A	
860-93691-8	EP-38	Total/NA	Water	7470A	
860-93691-9	MW-04	Total/NA	Water	7470A	
860-93691-10	Dup-03	Total/NA	Water	7470A	
860-93691-11	FB-03	Total/NA	Water	7470A	
860-93691-12	EB-02	Total/NA	Water	7470A	
MB 860-218126/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-218126/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-218126/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
860-93691-1 MS	EP-31	Total/NA	Water	7470A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Metals (Continued)

Prep Batch: 218126 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1 MSD	EP-31	Total/NA	Water	7470A	

Analysis Batch: 218274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	7470A	218126
860-93691-2	EP-32	Total/NA	Water	7470A	218126
860-93691-3	EP-33	Total/NA	Water	7470A	218126
860-93691-4	EP-34	Total/NA	Water	7470A	218126
860-93691-5	EP-35	Total/NA	Water	7470A	218126
860-93691-6	EP-36	Total/NA	Water	7470A	218126
860-93691-7	EP-37	Total/NA	Water	7470A	218126
860-93691-8	EP-38	Total/NA	Water	7470A	218126
860-93691-9	MW-04	Total/NA	Water	7470A	218126
860-93691-10	Dup-03	Total/NA	Water	7470A	218126
860-93691-11	FB-03	Total/NA	Water	7470A	218126
860-93691-12	EB-02	Total/NA	Water	7470A	218126
MB 860-218126/1-A	Method Blank	Total/NA	Water	7470A	218126
LCS 860-218126/2-A	Lab Control Sample	Total/NA	Water	7470A	218126
LCSD 860-218126/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	218126
860-93691-1 MS	EP-31	Total/NA	Water	7470A	218126
860-93691-1 MSD	EP-31	Total/NA	Water	7470A	218126

Analysis Batch: 218514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	6010D	217861
860-93691-2	EP-32	Total/NA	Water	6010D	217861
860-93691-3	EP-33	Total/NA	Water	6010D	217861
860-93691-4	EP-34	Total/NA	Water	6010D	217861
860-93691-5	EP-35	Total/NA	Water	6010D	217861
860-93691-6	EP-36	Total/NA	Water	6010D	217861
860-93691-7	EP-37	Total/NA	Water	6010D	217861
860-93691-8	EP-38	Total/NA	Water	6010D	217861
860-93691-9	MW-04	Total/NA	Water	6010D	217861
860-93691-10	Dup-03	Total/NA	Water	6010D	217861
860-93691-11	FB-03	Total/NA	Water	6010D	217861
860-93691-12	EB-02	Total/NA	Water	6010D	217861
MB 860-217861/1-A	Method Blank	Total/NA	Water	6010D	217861
LCS 860-217861/2-A	Lab Control Sample	Total/NA	Water	6010D	217861
LCSD 860-217861/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	217861
860-93691-1 MS	EP-31	Total/NA	Water	6010D	217861
860-93691-1 MSD	EP-31	Total/NA	Water	6010D	217861

General Chemistry

Analysis Batch: 217014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	SM 2320B	
860-93691-2	EP-32	Total/NA	Water	SM 2320B	
860-93691-3	EP-33	Total/NA	Water	SM 2320B	
860-93691-4	EP-34	Total/NA	Water	SM 2320B	
860-93691-5	EP-35	Total/NA	Water	SM 2320B	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

General Chemistry (Continued)

Analysis Batch: 217014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-6	EP-36	Total/NA	Water	SM 2320B	
860-93691-7	EP-37	Total/NA	Water	SM 2320B	
860-93691-8	EP-38	Total/NA	Water	SM 2320B	
860-93691-9	MW-04	Total/NA	Water	SM 2320B	
860-93691-10	Dup-03	Total/NA	Water	SM 2320B	
860-93691-12	EB-02	Total/NA	Water	SM 2320B	
MB 860-217014/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-217014/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-217014/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-217014/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-217014/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 217127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-11	FB-03	Total/NA	Water	SM 2320B	
MB 860-217127/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-217127/31	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-217127/32	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-217127/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-217127/33	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-217127/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-93691-11 DU	FB-03	Total/NA	Water	SM 2320B	

Analysis Batch: 217543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	SM 2540C	
860-93691-2	EP-32	Total/NA	Water	SM 2540C	
860-93691-3	EP-33	Total/NA	Water	SM 2540C	
860-93691-4	EP-34	Total/NA	Water	SM 2540C	
860-93691-5	EP-35	Total/NA	Water	SM 2540C	
860-93691-6	EP-36	Total/NA	Water	SM 2540C	
860-93691-7	EP-37	Total/NA	Water	SM 2540C	
860-93691-8	EP-38	Total/NA	Water	SM 2540C	
860-93691-9	MW-04	Total/NA	Water	SM 2540C	
860-93691-10	Dup-03	Total/NA	Water	SM 2540C	
860-93691-11	FB-03	Total/NA	Water	SM 2540C	
860-93691-12	EB-02	Total/NA	Water	SM 2540C	
MB 860-217543/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-217543/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Rad

Prep Batch: 134082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-8	EP-38	Total/NA	Water	RAD Prep	
860-93691-9	MW-04	Total/NA	Water	RAD Prep	
860-93691-11	FB-03	Total/NA	Water	RAD Prep	
MB 810-134082/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134082/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Rad

Prep Batch: 134093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	RAD Prep	
860-93691-2	EP-32	Total/NA	Water	RAD Prep	
860-93691-3	EP-33	Total/NA	Water	RAD Prep	
860-93691-4	EP-34	Total/NA	Water	RAD Prep	
860-93691-5	EP-35	Total/NA	Water	RAD Prep	
860-93691-6	EP-36	Total/NA	Water	RAD Prep	
860-93691-7	EP-37	Total/NA	Water	RAD Prep	
860-93691-10	Dup-03	Total/NA	Water	RAD Prep	
860-93691-12	EB-02	Total/NA	Water	RAD Prep	
MB 810-134093/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134093/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	
860-93691-1 MS	EP-31	Total/NA	Water	RAD Prep	
860-93691-1 MSD	EP-31	Total/NA	Water	RAD Prep	

Prep Batch: 704932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93691-1	EP-31	Total/NA	Water	PrecSep_0	
860-93691-2	EP-32	Total/NA	Water	PrecSep_0	
860-93691-3	EP-33	Total/NA	Water	PrecSep_0	
860-93691-4	EP-34	Total/NA	Water	PrecSep_0	
860-93691-5	EP-35	Total/NA	Water	PrecSep_0	
860-93691-6	EP-36	Total/NA	Water	PrecSep_0	
860-93691-7	EP-37	Total/NA	Water	PrecSep_0	
860-93691-8	EP-38	Total/NA	Water	PrecSep_0	
860-93691-9	MW-04	Total/NA	Water	PrecSep_0	
860-93691-10	Dup-03	Total/NA	Water	PrecSep_0	
860-93691-11	FB-03	Total/NA	Water	PrecSep_0	
860-93691-12	EB-02	Total/NA	Water	PrecSep_0	
MB 160-704932/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-704932/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
860-93691-1 MS	EP-31	Total/NA	Water	PrecSep_0	
860-93691-1 MSD	EP-31	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-31

Lab Sample ID: 860-93691-1

Date Collected: 02/12/25 08:45

Matrix: Water

Date Received: 02/13/25 09:39

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			217020	02/17/25 17:04	WP	EET HOU
Total/NA	Analysis	300.0	DL	10			217020	02/17/25 17:09	WP	EET HOU
Total/NA	Analysis	300.0		10			217567	02/19/25 11:01	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:27	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 01:51	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217988	02/20/25 19:45	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 19:51	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 17:53	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:28	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			752.79 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1			707020	03/11/25 11:42	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
								Completed: 03/18/25 11:06 ¹		

Client Sample ID: EP-32

Lab Sample ID: 860-93691-2

Date Collected: 02/12/25 08:15

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 17:26	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:39	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 00:41	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 19:14	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:00	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:12	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1001.40 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1			707020	03/11/25 11:42	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
								Completed: 03/18/25 11:06 ¹		

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-33

Lab Sample ID: 860-93691-3

Date Collected: 02/12/25 09:05

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 17:47	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:41	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 00:48	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 19:16	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:01	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:41	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1003.02 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1			707020	03/11/25 11:42	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
Completed:								03/18/25 11:06 ¹		

Client Sample ID: EP-34

Lab Sample ID: 860-93691-4

Date Collected: 02/12/25 10:15

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 17:58	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:42	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 01:01	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 19:18	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:05	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:47	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1004.53 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1			707020	03/11/25 11:42	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
Completed:								03/18/25 11:06 ¹		

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-35

Lab Sample ID: 860-93691-5

Date Collected: 02/12/25 11:15

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 18:09	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:44	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 01:07	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 19:20	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:06	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:31	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1002.31 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1			707020	03/11/25 11:42	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
Completed:								03/18/25 11:06 ¹		

Client Sample ID: EP-36

Lab Sample ID: 860-93691-6

Date Collected: 02/12/25 11:05

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 18:20	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:46	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 01:14	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 19:22	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:36	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1007.10 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:43	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
Completed:								03/18/25 11:06 ¹		

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: EP-37

Lab Sample ID: 860-93691-7

Date Collected: 02/12/25 09:20

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 18:31	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:47	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 01:20	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217553	02/19/25 08:30	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 19:25	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:09	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:02	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1002.38 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:43	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
Completed:								03/18/25 11:06 ¹		

Client Sample ID: EP-38

Lab Sample ID: 860-93691-8

Date Collected: 02/12/25 08:35

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 18:53	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:49	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 03:50	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 20:21	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217988	02/20/25 21:33	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:11	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:18	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1002.29 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:43	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136469	03/12/25 15:47	SM	EA SB
Completed:								03/12/25 16:17 ¹		

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: MW-04

Lab Sample ID: 860-93691-9

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 19:04	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:51	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 04:03	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 20:23	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217988	02/20/25 21:35	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:12	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:07	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1006.58 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:43	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136469	03/12/25 15:47	SM	EA SB
								Completed: 03/12/25 16:17 ¹		

Client Sample ID: Dup-03

Lab Sample ID: 860-93691-10

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 19:15	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:53	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217789	02/20/25 04:09	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217988	02/20/25 20:25	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217988	02/20/25 21:37	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:13	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 16:23	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1000.63 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:43	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136334	03/12/25 14:51	SM	EA SB
								Completed: 03/12/25 15:21 ¹		

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Client Sample ID: FB-03

Date Collected: 02/12/25 11:30

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93691-11

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			217020	02/17/25 19:26	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:54	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217789	02/20/25 04:15	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217988	02/20/25 20:36	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:15	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 10:58	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1003.09 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707020	03/11/25 11:43	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136469	03/12/25 15:47	SM	EA SB
Completed:								03/12/25 16:17 ¹		

Client Sample ID: EB-02

Date Collected: 02/12/25 10:25

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93691-12

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			217020	02/17/25 19:31	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217861	02/20/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			218514	02/21/25 15:59	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217789	02/20/25 04:18	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217600	02/19/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217988	02/20/25 20:38	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	218126	02/21/25 10:03	AGR	EET HOU
Total/NA	Analysis	7470A		1			218274	02/21/25 18:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 17:15	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	217543	02/19/25 08:53	TR	EET HOU
Total/NA	Prep	PrecSep_0			1005.42 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707172	03/11/25 11:52	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136334	03/12/25 14:51	SM	EA SB
Completed:								03/12/25 15:21 ¹		

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Houston

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

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	07-01-26
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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Laboratory: Eurofins Eaton Analytical South Bend

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-31-26
Alabama	State	40700	06-30-25
Alaska	State	IN00035	06-30-25
Arizona	State	AZ0432	07-26-25
Arkansas (DW)	State	EPA IN00035	06-30-25
California	State	2920	06-30-25
Colorado	State	IN00035	02-28-26
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-25
Florida	NELAP	E87775	06-30-25
Georgia (DW)	State	929	06-30-25
Guam	State	24-012R	07-15-25
Hawaii	State	IN035	06-30-25
Idaho (DW)	State	IN00035	12-31-25
IL Dept. of Public Health (Micro)	State	17767	06-30-25
Illinois	NELAP	200001	09-30-25
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
Iowa	State	098	11-01-25
Kansas	NELAP	E-10233	10-31-25
Kentucky (DW)	State	KY90056	12-31-25
Louisiana (DW)	State	LA014	12-31-25
Maine	State	IN00035	05-01-25
Maryland	State	209	06-30-25
Massachusetts	State	M-IN035	06-30-25
MI - RadChem Recognition	State	9926	06-01-25
Michigan	State	9926	12-31-25
Minnesota	NELAP	018-999-338	12-31-25
Mississippi	State	IN00035	06-30-25
Missouri	State	880	09-30-27
Montana (DW)	State	CERT0026	01-01-26
Nebraska	State	NE-OS-05-04	06-30-25
Nevada	State	NV-C24-00276	07-31-25
New Hampshire	NELAP	2124	11-05-25
New Jersey	NELAP	IN598	06-30-25
New Mexico	State	IN00035	06-30-25
New York	NELAP	11398	04-01-25

Eurofins Houston

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Laboratory: Eurofins Eaton Analytical South Bend (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (DW)	State	18700	07-31-25
North Dakota	State	R-035	06-30-24 *
Northern Mariana Islands (DW)	State	IN00035	06-30-25
Ohio	State	87775	06-30-25
Oklahoma	NELAP	D9508	08-31-25
Oregon	NELAP	4156	09-16-25
Pennsylvania	NELAP	68-00466	04-30-25
Puerto Rico	State	IN00035	04-01-25
Rhode Island	State	LAO00343	12-30-25
South Carolina	State	95005001	06-30-25
South Dakota (DW)	State	IN00035	06-30-25
Tennessee	State	TN02973	06-30-25
Texas	NELAP	T104704187	12-31-25
Texas	TCEQ Water Supply	TX207	06-30-25
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-25
Vermont	State	VT-8775	12-28-25
Virginia	NELAP	460275	03-14-26
Washington	State	C837	01-01-26
West Virginia (DW)	State	9927 C	01-31-26
Wisconsin	State	999766900	08-31-25
Wisconsin (Micro)	State	10121	12-31-25
Wyoming	State	8TMS-L	06-30-25

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
904.0	PrecSep_0	Water	Radium-228

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Houston

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
904.0	Radium-228 (GFPC)	EPA	EET SL
SM7500 Ra B	Radium-226	SM	EA SB
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
RAD Prep	Preparation, Radiologicals	None	EA SB

Protocol References:

EPA = US Environmental Protection Agency

None = None

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:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93691-1
SDG: Equilization Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-93691-1	EP-31	Water	02/12/25 08:45	02/13/25 09:39
860-93691-2	EP-32	Water	02/12/25 08:15	02/13/25 09:39
860-93691-3	EP-33	Water	02/12/25 09:05	02/13/25 09:39
860-93691-4	EP-34	Water	02/12/25 10:15	02/13/25 09:39
860-93691-5	EP-35	Water	02/12/25 11:15	02/13/25 09:39
860-93691-6	EP-36	Water	02/12/25 11:05	02/13/25 09:39
860-93691-7	EP-37	Water	02/12/25 09:20	02/13/25 09:39
860-93691-8	EP-38	Water	02/12/25 08:35	02/13/25 09:39
860-93691-9	MW-04	Water	02/12/25 10:00	02/13/25 09:39
860-93691-10	Dup-03	Water	02/12/25 10:00	02/13/25 09:39
860-93691-11	FB-03	Water	02/12/25 11:30	02/13/25 09:39
860-93691-12	EB-02	Water	02/12/25 10:25	02/13/25 09:39

Starford, TX 77477
Phone (281) 240-4200

VIAMM VI CUSTODY RECORD

Client Information		Sampler	Lab Pkt	Carrier Tracking No(s)	EOC No:											
Client Contact Mike Schindler		Brian Hillin and HMI Team	Kudchadkar Sachin G													
Company: GSI Environmental, Inc		Phone: 713-553-3127	Email: Sachin.Kudchadkar@Eurofins.com	Page: 1 of 2												
Address: 9600 Great Hills Trail Suite 350E City: Austin State, Zip: TX, 78759		Due Date Requested: TAT Requested (days):	Analysis Requested													
Phone: 512-346-4474 (Tel) 512-346-4476 (Fax)		PO #:														
Email: mischindler@gsi-net.com		WQ #:														
Project Name: San Miguel Electrical Co-Op GW		Project #: 86001746														
Site: Equalization Pond		SSOW#:														
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (In-water, Suspended, Over-sat)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2320B, Alkalinity	6020A 7470 B, Ca, Sb, As, Ba, Be, Cd, Cr, Co, Pb, Li, Mo, Se, Ti, Mg, K, Na, Hg	2540C TDS	300 Cl, F SO4	901 1_Ra-Rad 228 Eurofins St Louis	SM7600_Ra_B Rad 226 South Bend, In	Total Number of containers	Special Instructions/Note:	
EP-31		2-12-25	8:45	G	Water	X	X	X	X	X	X	X	X	X		
EP-31 (MS)			8:45	G	Water	X	X	X	X	X	X	X	X	X		
EP-31 (MSD)			8:45	G	Water	X	X	X	X	X	X	X	X	X		
EP-32			8:15	G	Water	X	X	X	X	X	X	X	X	X		
EP-33			9:05	G	Water	X	X	X	X	X	X	X	X	X		
EP-34			10:15	G	Water	X	X	X	X	X	X	X	X	X		
EP-35			11:15	G	Water	X	X	X	X	X	X	X	X	X		
EP-36			11:05	G	Water	X	X	X	X	X	X	X	X	X		
EP-37			9:20	G	Water	X	X	X	X	X	X	X	X	X		
EP-38			8:35	G	Water	X	X	X	X	X	X	X	X	X		
MW-04			10:00	G	Water	X	X	X	X	X	X	X	X	X		
Dup-03			10:00	G	Water	X	X	X	X	X	X	X	X	X		
FB-03			11:30	G	Water	X	X	X	X	X	X	X	X	X		
Possible Hazard Identification																
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological																
Deliverable Requested: I, II, III, IV Other (specify)																
Empty Kit Relinquished by:		Date:	Time:													
Relinquished by: <i>Sachin Kudchadkar</i>		Date/Time: 2-13-25 9:39	Company:													
Relinquished by:		Date/Time:	Company:													
Custody Seal Intact: ☐ Yes ☐ No		Custody Seal No.														
Cooler Temperature(s) °C and Other Remarks: 40° 33° 14° 17° in hum																

Stafford, TX 77477
Phone (281) 240-4200

STANDARD OF PRACTICE

Client Information		Sample	Lab P/Nr	Carrier Tracking No(s)	CDC No:										
Client Contact	Brian Hillin and HMI Team		Kudachkar Sachin G												
Phone:	713-653-3127		E-Mail: Sachin.Kudachkar@Eurofins.com		Page: 2 of 2										
Company:	GSI Environmental Inc														
Address:	9600 Great Hills Trail Suite 350E	Due Date Requested:	Analysis Requested												
City:	Austin	TAT Requested (days):													
State, Zip:	TX 78759	PO #:													
Phone:	512-346-4474 (Tel) 512-346-4476 (Fax)	W/O #:													
Email:	mschofield@gsi-net.com	Project #:													
Project Name:	San Miguel Electrical Co-Op GW	SSOW#:													
Site:	Equilization Pond														
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Invers, Swab, Overhaul, etc.)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2320B, Alkalinity	6020A 7470 B, Ca, Sb, As, Ba, Be, Cd, Cr Co, Pb, Li, Mo, Se, Ti, Mg, K, Na, Hg	2540C_TDS	300 Cl, F, SO4	9011_Ra-Rad 228 Eurofins St Louis	SM7500_Ra_B Rad 226 South Bend, In	Total Number of containers	Special Instructions/Note:
EB-02		2-12-25	1025	G	Water			X	X	X	X	X	X		
Possible Hazard Identification															
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological															
Deliverable Requested: I, II, III, IV Other (specify)															
Empty Kit Relinquished by:															
Relinquished by: <u>Calvin Moore</u> <u>calling me</u> Date/Time: <u>2-13-25</u> <u>0839</u> Company: _____															
Relinquished by: _____ Date/Time: _____ Company: _____															
Custody Seals Intact: ☐ Yes ☐ No Custody Seal No. _____															
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															
☐ Return To Client ☐ Dispose By Lab ☐ Archive For _____ Months															
Special Instructions/QC Requirements:															
Relinquished by: _____ Date/Time: _____ Company: _____															
Relinquished by: _____ Date/Time: _____ Company: _____															
Cooler Temperature(s) °C and Other Remarks:															

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	Lab PM	Carrier Tracking No(s)	COC No.
Client Contact		N/A	Kudhadkar, Sachin G	N/A	860-197375.1
Shipping/Receiving		Phone	E-Mail	State of Origin	Page
Company		N/A	Sachin.Kudhadkar@et.eurofins.com	Texas	Page 1 of 2
TestAmerica Laboratories, Inc.		Accreditations Required (See note)		Job #	860-93691-1
Address		NELAP - Texas		Preservation Codes:	
13715 Rider Trail North,					
City					
Earth City					
State, Zip					
MO, 63045					
Phone					
314-298-8566(Tel) 314-298-8757(Fax)					
Email					
N/A					
Project Name					
San Miguel Electrical Co-Op 2H23 GW					
Site					
N/A					
SSOW#					
N/A					
PO #					
N/A					
WO #					
N/A					
Project #					
86001746					
Sample Date					
2/12/25					
Sample Time					
08:45 Central					
Sample Type (C=Comp, G=grab)					
G					
Matrix (W=Water, S=Solid, O=Other, A=Air)					
Water					
Preservation Code					
904, 0/PreSep, 0 Standard Target List					
Field Filtered Sample (Yes or No)					
X					
Perform MS/MSD (Yes or No)					
X					
Total Number of Containers					
1					
Special Instructions/Note:					
EP-31 (860-93691-1)					
EP-31 (860-93691-1MS)					
EP-31 (860-93691-1MSD)					
EP-32 (860-93691-2)					
EP-33 (860-93691-3)					
EP-34 (860-93691-4)					
EP-35 (860-93691-5)					
EP-36 (860-93691-6)					
EP-37 (860-93691-7)					

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/test/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

Deliverable Requested: I, II, III, IV Other (specify)

Primary Deliverable Rank: 2

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:

Time:

Date:

Relinquished by: [Signature]

Date/Time: 2/14/25 17:00

Company: [Signature]

Relinquished by: [Signature]

Date/Time: [Signature]

Company: [Signature]

Relinquished by: [Signature]

Date/Time: [Signature]

Company: [Signature]

Custody Seal No.: [Signature]

Δ Yes Δ No

Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler	Lab PM	Carrier Tracking No(s)	COC No			
Client Contact		N/A	Kudchadkar, Sachin G	N/A	860-197375 2			
Shipping/Receiving		Phone	E-Mail	State of Origin	Page			
Company:		N/A	Sachin.Kudchadkar@eurofins.com	Texas	Page 2 of 2			
Address		Accreditations Required (See note)						
13715 Rider Trail North,		NELAP - Texas						
City:		Analysis Requested						
Earth City		Due Date Requested:						
State, Zip		3/13/2025						
MO, 63045		TAT Requested (days):						
Phone		N/A						
314-298-8566(Tel) 314-298-8757(Fax)		PO #						
Email		N/A						
N/A		WO #						
Project Name		N/A						
San Miguel Electrical Co-Op 2H23 GW		Project #						
Site		86001746						
N/A		SSOW#						
N/A		N/A						
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=on-site, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	904.04/PreSep. 0 Standard Target List	Special Instructions/Note:
EP-38 (860-93691-8)	2/12/25	08:35 Central	G	Water	X	X	X	1
MW-04 (860-93691-9)	2/12/25	10:00 Central	G	Water	X	X	X	1
Dup-03 (860-93691-10)	2/12/25	10:00 Central	G	Water	X	X	X	1
FB-03 (860-93691-11)	2/12/25	11:30 Central	G	Water	X	X	X	1
EB-02 (860-93691-12)	2/12/25	10:25 Central	G	Water	X	X	X	1
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/test/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								
Deliverable Requested: I, II, III, IV, Other (specify)								
Primary Deliverable Rank: 2								
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: 2/14/25 17:00								
Relinquished by: [Signature]								
Relinquished by: [Signature]								
Relinquished by: [Signature]								
Custody Seal No.:								
Custody Seals Intact: ☐ Yes ☐ No								
Cooler Temperature(s) °C and Other Remarks								

Ver: 10/10/2024

Eurofins Houston
4145 Greenbriar Dr
Stafford, TX 77477
Phone: 281-240-4200

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	Lab PM:	Carrier Tracking No(s):		COC No:
Eurofins Eaton Analytical		N/A	Kudchadkar, Sachin G	N/A		860-197371.1
Shipping/Receiving		Phone:	E-Mail:	State of Origin:		Page:
		N/A	Sachin.Kudchadkar@et.eurofins.com	Texas		Page 1 of 2
Company:		Accreditations Required (See note):		Job #:		860-93691-1
Address:		NELAP - Texas		Preservation Codes:		
City:		Due Date Requested:		Analysis Requested		
South Bend		3/13/2025				
State, Zip:		TAT Requested (days):				
IN, 46617		N/A				
Phone:		PO #:				
574-233-4777(Tel) 574-233-8207(Fax)		N/A				
Email:		WO #:				
N/A		N/A				
Project Name:		Project #:				
San Miguel Electrical Co-Op 2H23 GW		86001746				
Site:		SSOW#:				
N/A		N/A				
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, B=Soil, O=Other, I=Ice, A=Air)	Special Instructions/Note:
EP-31 (860-93691-1)	2/12/25	08:45	Central	G	Water	
EP-31 (860-93691-1MS)	2/12/25	08:45	Central	G	Water	
EP-31 (860-93691-1MSD)	2/12/25	08:45	Central	G	Water	Client Provided Sample Container
EP-32 (860-93691-2)	2/12/25	08:15	Central	G	Water	
EP-32 (860-93691-3)	2/12/25	09:05	Central	G	Water	
EP-34 (860-93691-4)	2/12/25	10:15	Central	G	Water	
EP-35 (860-93691-5)	2/12/25	11:15	Central	G	Water	
EP-36 (860-93691-6)	2/12/25	11:05	Central	G	Water	
EP-37 (860-93691-7)	2/12/25	09:20	Central	G	Water	
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/test/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						
Deliverable Requested: I, II, III, IV, Other (specify)						
Primary Deliverable Rank: 2						
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: [Signature]						
Relinquished by: [Signature]						
Relinquished by: [Signature]						
Custody Seals Intact: ☐ Yes ☐ No						
Custody Seal No.:						
Cooler Temperature(s) °C and Other Remarks:						

[illegible]

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-93691-1
SDG Number: Equilization Pond

Login Number: 93691

List Number: 1

Creator: Grandits, Corey

List Source: Eurofins Houston

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: GSI Environmental Inc

Job Number: 860-93691-1

SDG Number: Equilization Pond

Login Number: 93691

List Source: Eurofins Eaton Analytical South Bend

List Number: 2

List Creation: 02/15/25 11:12 AM

Creator: Trowbridge, Peyton

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	False	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
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	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-93691-1

SDG Number: Equilization Pond

Login Number: 93691

List Number: 3

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 02/17/25 10:16 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

DATA USABILITY SUMMARY

February 2025 Sampling Event (Job ID: 860-93694-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **six groundwater samples collected from the Extraction System on 12 February 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). The majority of analyses were conducted by EET HOU, while the radiological analyses were conducted by the Eurofins St. Louis (EET SL) and the Eurofins Eaton Analytical South Bend (EA SB) laboratories. GSI certifies that at the time the laboratory data were generated for the project, EET HOU, EET SL and EA SB were National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215, T104704193 and T104704187 respectively) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU, EET SL and EA SB's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 300.0 – Anions, Ion Chromatography
- Method 6020A – Metals (Inductively Coupled Plasma [ICP]/Mass Spectrometry[MS])
- Method 7470A – Mercury (Cold Vapor Atomic Absorption [CVAA] Spectroscopy)
- Method SM2320B – Alkalinity
- Method SM2540C – Total Dissolved Solids (TDS)
- Method 904.0 – Radium-228 (GFPC)
- Method SM7500 Ra B – Radium-226

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and

¹ Five samples plus one field duplicate.

- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Six (6) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review (RG-366/TRRP-13):

Analytes	LCS/LCSD	
	% R	RPD
Metals	80 – 120	20
Inorganic Anions	90 – 110	20
Alkalinity	85 – 115	20
Total Dissolved Solids (TDS)	80 – 120	–
Radium-228	75 – 125	–
Radium-226	90 – 110	–

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times. Items related to the C-O-C are listed below.

- The sample identified as DUP-04 on the C-O-C is a field duplicate of sample EW-02.

Items related to sample preparation are listed below.

- Samples EW-01, EW-02, EW-04, EW-05, DUP-04 and IT Well by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples EW-01, EW-02, EW-04, EW-05, DUP-04 and IT Well by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Sample EW-04 by Method 7470A was diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per these criteria.

Calibrations

No calibration issues were identified in the LCN or during review of the laboratory data package.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues were noted with the laboratory blanks.

Field Blanks

Not applicable.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The Laboratory and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Findings: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

One field duplicate, identified as DUP-04, was collected with sample EW-02. Results indicate that RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes

with concentrations less than five times the MQL. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: No qualifiers were added per this evaluation.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. No qualifiers were added based on this review and evaluation.

REFERENCES

GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.

TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
2/12/2025	EET HOU/EET SL/EA SB	860-93694-1	EW-01	Water
2/12/2025	EET HOU/EET SL/EA SB	860-93694-2	EW-02	Water
2/12/2025	EET HOU/EET SL/EA SB	860-93694-3	EW-04	Water
2/12/2025	EET HOU/EET SL/EA SB	860-93694-4	EW-05	Water
2/12/2025	EET HOU/EET SL/EA SB	860-93694-5	DUP-04	Water
2/12/2025	EET HOU/EET SL/EA SB	860-93694-6	IT Well	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas; EET SL: Eurofins St. Louis, Earth City, Missouri; EA SB: Eurofins Eaton Analytical South Bend, South Bend, Indiana

TABLE 2
Field Duplicate Detections

Analyte	MDL	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference
Antimony	0.00750	<0.00750	<0.00750	0.0
Arsenic	0.00690	0.0147 J	0.0148 J	0.7
Barium	0.0134	0.0187 J	0.0199 J	6.2
Beryllium	0.00271	0.0193 J	0.0199 J	3.1
Bicarbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Boron	0.401	57.0	55.6	2.5
Cadmium	0.00240	0.00623 J	0.00657 J	5.3
Calcium	3.01	492	485	1.4
Carbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Chloride	25.0	2130	2050	3.8
Chromium	0.00560	<0.00560	<0.00560	0.0
Cobalt	0.00355	0.283	0.297	4.8
Fluoride	10.0	<10.0	<10.0	0.0
Hydroxide Alkalinity	4.00	<4.00	<4.00	0.0
Lead	0.00367	<0.00367	<0.00367	0.0
Lithium	0.0174	1.12	1.33	17.1
Magnesium	1.64	127	124	2.4
Mercury	0.0000706	0.000444	0.000422	5.1
Molybdenum	0.00255	<0.00255	<0.00255	0.0
Potassium	0.220	19.3	20.4	5.5
Ra-226	0.390 pCi/L	0.740	1.28	53.5
Radium-228	0.498 pCi/L	4.52	3.38	28.9
Selenium	0.00590	0.122	0.132	7.9
Sodium	5.64	2430	2390	1.7
Sulfate	20.0	4040	3850	4.8
Thallium	0.00415	<0.00415	<0.00415	0.0
Total Alkalinity	4.00	<4.00	<4.00	0.0
Total Dissolved Solids	100	10300	10300	0.0

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter; pCi/L: pico Curies per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. **Bold-italics** = RPD greater than 30%.
5. U = analyte not detected at the stated limit; J = estimated result between the MDL and reporting limit
6. CaCO₃: Calcium carbonate

Attachment A

Eurofins Houston – Stafford, Texas

TCEQ NELAP-Recognized Laboratory Accreditation Certificate



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 01/28/2025
Expiration Date: 06/30/2025
Certificate ID: TX-C25-00028

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/28/2025

TCEQ Accreditation Certificate
Eurofins St. Louis
State Lab ID: T104704193

Certificate ID: TX-C24-00256
Effective Date: 08/01/2024
Expiration Date: 07/31/2025



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2024
Expiration Date: 07/31/2025
Certificate ID: TX-C24-00256

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2024



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Eaton Analytical, LLC - South Bend
110 South Hill Street,
South Bend, IN 46617-2702

State Lab ID: T104704187
Effective Date: 01/01/2025
Expiration Date: 12/31/2025
Certificate ID: TX-C24-00386

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/01/2025

Attachment B
Eurofins Houston – Stafford, Texas
Analytical Report
Job ID.: 860-93694-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 3/18/2025 2:39:38 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op
Extraction System and IT Well

JOB NUMBER

860-93694-1

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
3/18/2025 2:39:38 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	9
Tracer Carrier Summary	17
QC Sample Results	18
QC Association Summary	28
Lab Chronicle	33
Certification Summary	36
Method Summary	38
Sample Summary	39
Chain of Custody	40
Receipt Checklists	43



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Qualifiers

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
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-93694-1

Job ID: 860-93694-1

Eurofins Houston

Job Narrative 860-93694-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 2/13/2025 9:39 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 1.9°C, 2.7°C and 4.6°C.

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW-01 (860-93694-1), EW-02 (860-93694-2), EW-04 (860-93694-3), EW-05 (860-93694-4), Dup-04 (860-93694-5) and IT Well (860-93694-6). 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 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW-01 (860-93694-1) and EW-04 (860-93694-3). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: EW-02 (860-93694-2), EW-05 (860-93694-4), Dup-04 (860-93694-5) and IT Well (860-93694-6). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: EW-02 (860-93694-2), EW-05 (860-93694-4), Dup-04 (860-93694-5) and IT Well (860-93694-6). Elevated reporting limits (RLs) are provided.

Method 7470A: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-04 (860-93694-3). 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.

General Chemistry

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

Gas Flow Proportional Counter

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

Rad

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-01

Lab Sample ID: 860-93694-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1760		50.0	25.0	mg/L	100			300.0	Total/NA
Sulfate	4220		50.0	20.0	mg/L	100			300.0	Total/NA
Lithium	1.85		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.00979		0.00400	0.000690	mg/L	1			6020A	Total/NA
Barium	0.0162	J	0.0400	0.0134	mg/L	10			6020A	Total/NA
Beryllium	0.0218		0.0200	0.00271	mg/L	10			6020A	Total/NA
Boron	25.8		10.0	4.01	mg/L	1000			6020A	Total/NA
Cadmium	0.00533	J	0.0200	0.00240	mg/L	10			6020A	Total/NA
Calcium	487		100	30.1	mg/L	1000			6020A	Total/NA
Cobalt	0.241		0.0200	0.00355	mg/L	10			6020A	Total/NA
Potassium	20.1		1.00	0.220	mg/L	10			6020A	Total/NA
Magnesium	135		1.00	0.164	mg/L	10			6020A	Total/NA
Sodium	2330		100	56.4	mg/L	1000			6020A	Total/NA
Selenium	0.114		0.0200	0.00590	mg/L	10			6020A	Total/NA
Mercury	0.00215		0.000200	0.0000706	mg/L	1			7470A	Total/NA
Total Alkalinity	4.20		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	4.20		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	9900		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EW-02

Lab Sample ID: 860-93694-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2130		50.0	25.0	mg/L	100			300.0	Total/NA
Sulfate	4040		50.0	20.0	mg/L	100			300.0	Total/NA
Lithium	1.12		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0147	J	0.0400	0.00690	mg/L	10			6020A	Total/NA
Barium	0.0187	J	0.0400	0.0134	mg/L	10			6020A	Total/NA
Beryllium	0.0193	J	0.0200	0.00271	mg/L	10			6020A	Total/NA
Boron	57.0		1.00	0.401	mg/L	100			6020A	Total/NA
Cadmium	0.00623	J	0.0200	0.00240	mg/L	10			6020A	Total/NA
Calcium	492		10.0	3.01	mg/L	100			6020A	Total/NA
Cobalt	0.283		0.0200	0.00355	mg/L	10			6020A	Total/NA
Potassium	19.3		1.00	0.220	mg/L	10			6020A	Total/NA
Magnesium	127		10.0	1.64	mg/L	100			6020A	Total/NA
Sodium	2430		10.0	5.64	mg/L	100			6020A	Total/NA
Selenium	0.122		0.0200	0.00590	mg/L	10			6020A	Total/NA
Mercury	0.000444		0.000200	0.0000706	mg/L	1			7470A	Total/NA
Total Dissolved Solids	10300		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EW-04

Lab Sample ID: 860-93694-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3300		50.0	25.0	mg/L	100			300.0	Total/NA
Sulfate	2430		50.0	20.0	mg/L	100			300.0	Total/NA
Lithium	0.457		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0230		0.00400	0.000690	mg/L	1			6020A	Total/NA
Barium	0.0228	J	0.0400	0.0134	mg/L	10			6020A	Total/NA
Beryllium	0.0938		0.0200	0.00271	mg/L	10			6020A	Total/NA
Boron	31.8		10.0	4.01	mg/L	1000			6020A	Total/NA
Cadmium	0.186		0.0200	0.00240	mg/L	10			6020A	Total/NA
Calcium	736		100	30.1	mg/L	1000			6020A	Total/NA
Cobalt	1.09		0.0200	0.00355	mg/L	10			6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-04 (Continued)

Lab Sample ID: 860-93694-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	30.0		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	137		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2150		100	56.4	mg/L	1000		6020A	Total/NA
Lead	0.0156	J	0.0200	0.00367	mg/L	10		6020A	Total/NA
Selenium	0.366		0.0200	0.00590	mg/L	10		6020A	Total/NA
Thallium	0.00533	J	0.0200	0.00415	mg/L	10		6020A	Total/NA
Mercury	0.0137		0.000800	0.000282	mg/L	4		7470A	Total/NA
Total Dissolved Solids	10600		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EW-05

Lab Sample ID: 860-93694-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1480		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	3210		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.08		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0140	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Boron	14.3		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	385		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	36.1		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	74.7		1.00	0.164	mg/L	10		6020A	Total/NA
Molybdenum	0.00677	J	0.0200	0.00255	mg/L	10		6020A	Total/NA
Sodium	2210		10.0	5.64	mg/L	100		6020A	Total/NA
Total 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	8420		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-04

Lab Sample ID: 860-93694-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2050		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	3850		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.33		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0148	J	0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0199	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.0199	J	0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	55.6		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.00657	J	0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	485		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	0.297		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	20.4		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	124		10.0	1.64	mg/L	100		6020A	Total/NA
Sodium	2390		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.132		0.0200	0.00590	mg/L	10		6020A	Total/NA
Mercury	0.000422		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	10300		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: IT Well

Lab Sample ID: 860-93694-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	728		50.0	25.0	mg/L	100		300.0	Total/NA
Sulfate	2840		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	0.613		0.0400	0.0174	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: IT Well (Continued)

Lab Sample ID: 860-93694-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0168	J	0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0230	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Boron	12.3		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	535		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	0.00838	J	0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	38.1		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	54.9		1.00	0.164	mg/L	10		6020A	Total/NA
Molybdenum	0.0144	J	0.0200	0.00255	mg/L	10		6020A	Total/NA
Sodium	1470		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	369		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	369		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6340		40.0	40.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-01

Lab Sample ID: 860-93694-1

Date Collected: 02/12/25 12:05

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1760		50.0	25.0	mg/L			02/17/25 19:37	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 19:37	100
Sulfate	4220		50.0	20.0	mg/L			02/17/25 19:37	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.85		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:13	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00979		0.00400	0.000690	mg/L		02/17/25 13:00	02/17/25 23:12	1
Barium	0.0162	J	0.0400	0.0134	mg/L		02/17/25 13:00	02/18/25 20:00	10
Beryllium	0.0218		0.0200	0.00271	mg/L		02/17/25 13:00	02/18/25 20:00	10
Boron	25.8		10.0	4.01	mg/L		02/17/25 13:00	02/18/25 19:30	1000
Cadmium	0.00533	J	0.0200	0.00240	mg/L		02/17/25 13:00	02/18/25 20:00	10
Calcium	487		100	30.1	mg/L		02/17/25 13:00	02/18/25 19:30	1000
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/17/25 13:00	02/18/25 20:00	10
Cobalt	0.241		0.0200	0.00355	mg/L		02/17/25 13:00	02/18/25 20:00	10
Potassium	20.1		1.00	0.220	mg/L		02/17/25 13:00	02/18/25 20:00	10
Magnesium	135		1.00	0.164	mg/L		02/17/25 13:00	02/18/25 20:00	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/17/25 13:00	02/18/25 20:00	10
Sodium	2330		100	56.4	mg/L		02/17/25 13:00	02/18/25 19:30	1000
Lead	0.00367	U	0.0200	0.00367	mg/L		02/17/25 13:00	02/18/25 20:00	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/17/25 13:00	02/18/25 20:00	10
Selenium	0.114		0.0200	0.00590	mg/L		02/17/25 13:00	02/18/25 20:00	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/17/25 13:00	02/18/25 20:00	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00215		0.000200	0.0000706	mg/L		02/18/25 05:52	02/18/25 15:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.20		4.00	4.00	mg/L			02/16/25 17:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.20		4.00	4.00	mg/L			02/16/25 17:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:02	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:02	1
Total Dissolved Solids (SM 2540C)	9900		100	100	mg/L			02/19/25 08:55	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	3.86		0.673	0.761	1.00	0.587	pCi/L	02/26/25 08:08	03/11/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110					02/26/25 08:08	03/11/25 11:52	1
Y Carrier	79.3		30 - 110					02/26/25 08:08	03/11/25 11:52	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-01

Lab Sample ID: 860-93694-1

Date Collected: 02/12/25 12:05

Matrix: Water

Date Received: 02/13/25 09:39

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.820		0.880		1.00	0.350	pCi/L	02/21/25 10:16	03/18/25 10:36	1

Client Sample ID: EW-02

Lab Sample ID: 860-93694-2

Date Collected: 02/12/25 12:35

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2130		50.0	25.0	mg/L			02/17/25 19:59	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 19:59	100
Sulfate	4040		50.0	20.0	mg/L			02/17/25 19:59	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.12		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:15	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0147	J	0.0400	0.00690	mg/L		02/18/25 13:00	02/19/25 20:00	10
Barium	0.0187	J	0.0400	0.0134	mg/L		02/18/25 13:00	02/19/25 20:00	10
Beryllium	0.0193	J	0.0200	0.00271	mg/L		02/18/25 13:00	02/19/25 20:00	10
Boron	57.0		1.00	0.401	mg/L		02/18/25 13:00	02/19/25 20:08	100
Cadmium	0.00623	J	0.0200	0.00240	mg/L		02/18/25 13:00	02/19/25 20:00	10
Calcium	492		10.0	3.01	mg/L		02/18/25 13:00	02/19/25 20:08	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/18/25 13:00	02/19/25 20:00	10
Cobalt	0.283		0.0200	0.00355	mg/L		02/18/25 13:00	02/19/25 20:00	10
Potassium	19.3		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 20:00	10
Magnesium	127		10.0	1.64	mg/L		02/18/25 13:00	02/19/25 20:08	100
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/18/25 13:00	02/19/25 20:00	10
Sodium	2430		10.0	5.64	mg/L		02/18/25 13:00	02/19/25 20:08	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/18/25 13:00	02/19/25 20:00	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/18/25 13:00	02/19/25 20:00	10
Selenium	0.122		0.0200	0.00590	mg/L		02/18/25 13:00	02/19/25 20:00	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/18/25 13:00	02/19/25 20:00	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000444		0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 16:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:12	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:12	1
Total Dissolved Solids (SM 2540C)	10300		100	100	mg/L			02/19/25 08:55	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-02

Lab Sample ID: 860-93694-2

Date Collected: 02/12/25 12:35

Matrix: Water

Date Received: 02/13/25 09:39

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	4.52		0.651	0.772	1.00	0.498	pCi/L	02/26/25 08:08	03/11/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	98.7		30 - 110					02/26/25 08:08	03/11/25 11:52	1
Y Carrier	84.5		30 - 110					02/26/25 08:08	03/11/25 11:52	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.740		1.26		1.00	0.390	pCi/L	02/24/25 09:25	03/10/25 07:12	1

Client Sample ID: EW-04

Lab Sample ID: 860-93694-3

Date Collected: 02/12/25 13:10

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3300		50.0	25.0	mg/L			02/17/25 20:09	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 20:09	100
Sulfate	2430		50.0	20.0	mg/L			02/17/25 20:09	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.457		0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 20:17	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0230		0.00400	0.000690	mg/L		02/17/25 13:00	02/17/25 23:14	1
Barium	0.0228	J	0.0400	0.0134	mg/L		02/17/25 13:00	02/18/25 20:02	10
Beryllium	0.0938		0.0200	0.00271	mg/L		02/17/25 13:00	02/18/25 20:02	10
Boron	31.8		10.0	4.01	mg/L		02/17/25 13:00	02/18/25 19:32	1000
Cadmium	0.186		0.0200	0.00240	mg/L		02/17/25 13:00	02/18/25 20:02	10
Calcium	736		100	30.1	mg/L		02/17/25 13:00	02/18/25 19:32	1000
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/17/25 13:00	02/18/25 20:02	10
Cobalt	1.09		0.0200	0.00355	mg/L		02/17/25 13:00	02/18/25 20:02	10
Potassium	30.0		1.00	0.220	mg/L		02/17/25 13:00	02/18/25 20:02	10
Magnesium	137		1.00	0.164	mg/L		02/17/25 13:00	02/18/25 20:02	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/17/25 13:00	02/18/25 20:02	10
Sodium	2150		100	56.4	mg/L		02/17/25 13:00	02/18/25 19:32	1000
Lead	0.0156	J	0.0200	0.00367	mg/L		02/17/25 13:00	02/18/25 20:02	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/17/25 13:00	02/18/25 20:02	10
Selenium	0.366		0.0200	0.00590	mg/L		02/17/25 13:00	02/18/25 20:02	10
Thallium	0.00533	J	0.0200	0.00415	mg/L		02/17/25 13:00	02/18/25 20:02	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0137		0.000800	0.000282	mg/L		02/18/25 05:52	02/18/25 16:00	4

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-04

Lab Sample ID: 860-93694-3

Date Collected: 02/12/25 13:10

Matrix: Water

Date Received: 02/13/25 09:39

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:10	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:10	1
Total Dissolved Solids (SM 2540C)	10600		100	100	mg/L			02/19/25 08:55	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	4.63		0.709	0.827	1.00	0.565	pCi/L	02/26/25 08:08	03/11/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.1		30 - 110					02/26/25 08:08	03/11/25 11:52	1
Y Carrier	81.5		30 - 110					02/26/25 08:08	03/11/25 11:52	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.810		0.880		1.00	0.270	pCi/L	02/21/25 09:23	03/18/25 11:22	1

Client Sample ID: EW-05

Lab Sample ID: 860-93694-4

Date Collected: 02/12/25 11:35

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1480		50.0	25.0	mg/L			02/17/25 20:20	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 20:20	100
Sulfate	3210		50.0	20.0	mg/L			02/17/25 20:20	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.08		0.0400	0.0174	mg/L		02/18/25 09:30	02/18/25 18:02	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00690	U	0.0400	0.00690	mg/L		02/18/25 13:00	02/19/25 20:02	10
Barium	0.0140	J	0.0400	0.0134	mg/L		02/18/25 13:00	02/19/25 20:02	10
Beryllium	0.00271	U	0.0200	0.00271	mg/L		02/18/25 13:00	02/19/25 20:02	10
Boron	14.3		1.00	0.401	mg/L		02/18/25 13:00	02/19/25 20:11	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/18/25 13:00	02/19/25 20:02	10
Calcium	385		10.0	3.01	mg/L		02/18/25 13:00	02/19/25 20:11	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/18/25 13:00	02/19/25 20:02	10
Cobalt	0.00355	U	0.0200	0.00355	mg/L		02/18/25 13:00	02/19/25 20:02	10
Potassium	36.1		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 20:02	10
Magnesium	74.7		1.00	0.164	mg/L		02/18/25 13:00	02/19/25 20:02	10
Molybdenum	0.00677	J	0.0200	0.00255	mg/L		02/18/25 13:00	02/19/25 20:02	10
Sodium	2210		10.0	5.64	mg/L		02/18/25 13:00	02/19/25 20:11	100

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-05

Lab Sample ID: 860-93694-4

Date Collected: 02/12/25 11:35

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	0.00367	U	0.0200	0.00367	mg/L		02/18/25 13:00	02/19/25 20:02	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/18/25 13:00	02/19/25 20:02	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/18/25 13:00	02/19/25 20:02	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/18/25 13:00	02/19/25 20:02	10

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		02/20/25 05:45	02/20/25 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	161		4.00	4.00	mg/L			02/17/25 11:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	161		4.00	4.00	mg/L			02/17/25 11:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:04	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:04	1
Total Dissolved Solids (SM 2540C)	8420		100	100	mg/L			02/19/25 08:55	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	2.44		0.519	0.566	1.00	0.496	pCi/L	02/26/25 08:10	03/11/25 11:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	93.5		30 - 110					02/26/25 08:10	03/11/25 11:52	1
Y Carrier	85.6		30 - 110					02/26/25 08:10	03/11/25 11:52	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.200	U	0.750		1.00	0.340	pCi/L	02/24/25 10:29	03/17/25 15:32	1

Client Sample ID: Dup-04

Lab Sample ID: 860-93694-5

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2050		50.0	25.0	mg/L			02/17/25 20:31	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 20:31	100
Sulfate	3850		50.0	20.0	mg/L			02/17/25 20:31	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.33		0.0400	0.0174	mg/L		02/18/25 09:30	02/18/25 18:04	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0148	J	0.0400	0.00690	mg/L		02/18/25 13:00	02/19/25 20:04	10

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: Dup-04

Lab Sample ID: 860-93694-5

Date Collected: 02/12/25 10:00

Matrix: Water

Date Received: 02/13/25 09:39

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0199	J	0.0400	0.0134	mg/L		02/18/25 13:00	02/19/25 20:04	10
Beryllium	0.0199	J	0.0200	0.00271	mg/L		02/18/25 13:00	02/19/25 20:04	10
Boron	55.6		1.00	0.401	mg/L		02/18/25 13:00	02/19/25 20:13	100
Cadmium	0.00657	J	0.0200	0.00240	mg/L		02/18/25 13:00	02/19/25 20:04	10
Calcium	485		10.0	3.01	mg/L		02/18/25 13:00	02/19/25 20:13	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/18/25 13:00	02/19/25 20:04	10
Cobalt	0.297		0.0200	0.00355	mg/L		02/18/25 13:00	02/19/25 20:04	10
Potassium	20.4		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 20:04	10
Magnesium	124		10.0	1.64	mg/L		02/18/25 13:00	02/19/25 20:13	100
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		02/18/25 13:00	02/19/25 20:04	10
Sodium	2390		10.0	5.64	mg/L		02/18/25 13:00	02/19/25 20:13	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/18/25 13:00	02/19/25 20:04	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/18/25 13:00	02/19/25 20:04	10
Selenium	0.132		0.0200	0.00590	mg/L		02/18/25 13:00	02/19/25 20:04	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/18/25 13:00	02/19/25 20:04	10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000422		0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 16:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:06	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:06	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:06	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/16/25 17:06	1
Total Dissolved Solids (SM 2540C)	10300		100	100	mg/L			02/19/25 08:55	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	3.38		0.681	0.749	1.00	0.631	pCi/L	02/26/25 08:15	03/11/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	81.9		30 - 110					02/26/25 08:15	03/11/25 11:56	1
Y Carrier	77.8		30 - 110					02/26/25 08:15	03/11/25 11:56	1

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	1.28		0.870		1.00	0.320	pCi/L	02/21/25 09:23	03/18/25 11:22	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: IT Well

Lab Sample ID: 860-93694-6

Date Collected: 02/12/25 10:20

Matrix: Water

Date Received: 02/13/25 09:39

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	728		50.0	25.0	mg/L			02/17/25 20:42	100
Fluoride	10.0	U	50.0	10.0	mg/L			02/17/25 20:42	100
Sulfate	2840		50.0	20.0	mg/L			02/17/25 20:42	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.613		0.0400	0.0174	mg/L		02/18/25 09:30	02/18/25 18:06	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0168	J	0.0400	0.00690	mg/L		02/18/25 13:00	02/19/25 20:06	10
Barium	0.0230	J	0.0400	0.0134	mg/L		02/18/25 13:00	02/19/25 20:06	10
Beryllium	0.00271	U	0.0200	0.00271	mg/L		02/18/25 13:00	02/19/25 20:06	10
Boron	12.3		1.00	0.401	mg/L		02/18/25 13:00	02/19/25 20:15	100
Cadmium	0.00240	U	0.0200	0.00240	mg/L		02/18/25 13:00	02/19/25 20:06	10
Calcium	535		10.0	3.01	mg/L		02/18/25 13:00	02/19/25 20:15	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		02/18/25 13:00	02/19/25 20:06	10
Cobalt	0.00838	J	0.0200	0.00355	mg/L		02/18/25 13:00	02/19/25 20:06	10
Potassium	38.1		1.00	0.220	mg/L		02/18/25 13:00	02/19/25 20:06	10
Magnesium	54.9		1.00	0.164	mg/L		02/18/25 13:00	02/19/25 20:06	10
Molybdenum	0.0144	J	0.0200	0.00255	mg/L		02/18/25 13:00	02/19/25 20:06	10
Sodium	1470		10.0	5.64	mg/L		02/18/25 13:00	02/19/25 20:15	100
Lead	0.00367	U	0.0200	0.00367	mg/L		02/18/25 13:00	02/19/25 20:06	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		02/18/25 13:00	02/19/25 20:06	10
Selenium	0.00590	U	0.0200	0.00590	mg/L		02/18/25 13:00	02/19/25 20:06	10
Thallium	0.00415	U	0.0200	0.00415	mg/L		02/18/25 13:00	02/19/25 20:06	10

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		02/20/25 05:45	02/20/25 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	369		4.00	4.00	mg/L			02/17/25 11:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	369		4.00	4.00	mg/L			02/17/25 11:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:09	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			02/17/25 11:09	1
Total Dissolved Solids (SM 2540C)	6340		40.0	40.0	mg/L			02/19/25 08:55	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	0.432	U	0.324	0.327	1.00	0.493	pCi/L	02/26/25 08:15	03/11/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	91.6		30 - 110					02/26/25 08:15	03/11/25 11:56	1
Y Carrier	82.6		30 - 110					02/26/25 08:15	03/11/25 11:56	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: IT Well

Lab Sample ID: 860-93694-6

Date Collected: 02/12/25 10:20

Matrix: Water

Date Received: 02/13/25 09:39

Method: SM7500 Ra B - Radium-226

Analyte	Result	Qualifier	Count Uncert. (2 σ +/-)	Total Uncert. (2 σ +/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.0600	U	0.600		1.00	0.390	pCi/L	02/21/25 09:23	03/18/25 11:22	1

Tracer/Carrier Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba	Y
		(30-110)	(30-110)
860-93694-1	EW-01	89.5	79.3
860-93694-2	EW-02	98.7	84.5
860-93694-3	EW-04	92.1	81.5
860-93694-4	EW-05	93.5	85.6
860-93694-5	Dup-04	81.9	77.8
860-93694-6	IT Well	91.6	82.6
LCS 160-704932/2-A	Lab Control Sample	86.6	82.2
LCS 160-704937/2-A	Lab Control Sample	85.3	80.0
MB 160-704932/1-A	Method Blank	90.1	84.9
MB 160-704937/1-A	Method Blank	82.5	80.0
Tracer/Carrier Legend			
Ba = Ba Carrier			
Y = Y Carrier			

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-217020/3

Matrix: Water

Analysis Batch: 217020

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			02/17/25 10:13	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 10:13	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 10:13	1

Lab Sample ID: MB 860-217020/45

Matrix: Water

Analysis Batch: 217020

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			02/17/25 16:47	1
Fluoride	0.100	U	0.500	0.100	mg/L			02/17/25 16:47	1
Sulfate	0.200	U	0.500	0.200	mg/L			02/17/25 16:47	1

Lab Sample ID: LCS 860-217020/46

Matrix: Water

Analysis Batch: 217020

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	10.07		mg/L		101	90 - 110
Fluoride	10.0	10.75		mg/L		108	90 - 110
Sulfate	10.0	10.12		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-217020/47

Matrix: Water

Analysis Batch: 217020

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	10.13		mg/L		101	90 - 110	1	20
Fluoride	10.0	10.83		mg/L		108	90 - 110	1	20
Sulfate	10.0	10.19		mg/L		102	90 - 110	1	20

Lab Sample ID: LLCS 860-217020/7

Matrix: Water

Analysis Batch: 217020

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	0.6089		mg/L		122	50 - 150
Fluoride	0.500	0.4827	J	mg/L		97	50 - 150
Sulfate	0.500	0.5721		mg/L		114	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-217090/1-A

Matrix: Water

Analysis Batch: 217274

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/17/25 13:00	02/17/25 19:18	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-217090/2-A
Matrix: Water
Analysis Batch: 217274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9570		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-217090/3-A
Matrix: Water
Analysis Batch: 217274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217090

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9590		mg/L		96	80 - 120	0	20

Lab Sample ID: LB 860-217018/1-B
Matrix: Water
Analysis Batch: 217598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217271

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0868	U	0.200	0.0868	mg/L		02/18/25 09:30	02/18/25 17:12	1

Lab Sample ID: MB 860-217271/1-A
Matrix: Water
Analysis Batch: 217598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217271

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		02/18/25 09:30	02/18/25 17:06	1

Lab Sample ID: LCS 860-217271/2-A
Matrix: Water
Analysis Batch: 217598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217271

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9600		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-217271/3-A
Matrix: Water
Analysis Batch: 217598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217271

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9620		mg/L		96	80 - 120	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-217089/1-A
Matrix: Water
Analysis Batch: 217390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217089

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/17/25 13:00	02/17/25 22:10	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/17/25 13:00	02/17/25 22:10	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/17/25 13:00	02/17/25 22:10	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/17/25 13:00	02/17/25 22:10	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/17/25 13:00	02/17/25 22:10	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/17/25 13:00	02/17/25 22:10	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

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

Lab Sample ID: MB 860-217089/1-A

Matrix: Water

Analysis Batch: 217390

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217089

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/17/25 13:00	02/17/25 22:10	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/17/25 13:00	02/17/25 22:10	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/17/25 13:00	02/17/25 22:10	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/17/25 13:00	02/17/25 22:10	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/17/25 13:00	02/17/25 22:10	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/17/25 13:00	02/17/25 22:10	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/17/25 13:00	02/17/25 22:10	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/17/25 13:00	02/17/25 22:10	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/17/25 13:00	02/17/25 22:10	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/17/25 13:00	02/17/25 22:10	1

Lab Sample ID: LCS 860-217089/2-A

Matrix: Water

Analysis Batch: 217390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217089

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1020		mg/L		102	80 - 120
Barium	0.100	0.1023		mg/L		102	80 - 120
Beryllium	0.100	0.1034		mg/L		103	80 - 120
Boron	0.100	0.09597		mg/L		96	80 - 120
Cadmium	0.100	0.1003		mg/L		100	80 - 120
Calcium	2.50	2.370		mg/L		95	80 - 120
Chromium	0.100	0.1004		mg/L		100	80 - 120
Cobalt	0.100	0.1042		mg/L		104	80 - 120
Potassium	1.00	1.013		mg/L		101	80 - 120
Magnesium	2.50	2.540		mg/L		102	80 - 120
Molybdenum	0.100	0.1005		mg/L		101	80 - 120
Sodium	2.50	2.539		mg/L		102	80 - 120
Lead	0.100	0.1005		mg/L		101	80 - 120
Antimony	0.100	0.09940		mg/L		99	80 - 120
Selenium	0.100	0.1003		mg/L		100	80 - 120
Thallium	0.100	0.1004		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-217089/3-A

Matrix: Water

Analysis Batch: 217390

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217089

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.1011		mg/L		101	80 - 120	1	20
Barium	0.100	0.1025		mg/L		103	80 - 120	0	20
Beryllium	0.100	0.1024		mg/L		102	80 - 120	1	20
Boron	0.100	0.09674		mg/L		97	80 - 120	1	20
Cadmium	0.100	0.09970		mg/L		100	80 - 120	1	20
Calcium	2.50	2.365		mg/L		95	80 - 120	0	20
Chromium	0.100	0.09991		mg/L		100	80 - 120	1	20
Cobalt	0.100	0.1027		mg/L		103	80 - 120	1	20
Potassium	1.00	1.011		mg/L		101	80 - 120	0	20
Magnesium	2.50	2.548		mg/L		102	80 - 120	0	20
Molybdenum	0.100	0.1006		mg/L		101	80 - 120	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

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

Lab Sample ID: LCSD 860-217089/3-A

Matrix: Water

Analysis Batch: 217390

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 217089

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	2.50	2.515		mg/L		101	80 - 120	1	20
Lead	0.100	0.1008		mg/L		101	80 - 120	0	20
Antimony	0.100	0.09989		mg/L		100	80 - 120	0	20
Selenium	0.100	0.1000		mg/L		100	80 - 120	0	20
Thallium	0.100	0.1003		mg/L		100	80 - 120	0	20

Lab Sample ID: MB 860-217342/1-A

Matrix: Water

Analysis Batch: 217788

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 217342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		02/18/25 13:00	02/19/25 19:13	1
Barium	0.00134	U	0.00400	0.00134	mg/L		02/18/25 13:00	02/19/25 19:13	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		02/18/25 13:00	02/19/25 19:13	1
Boron	0.00401	U	0.0100	0.00401	mg/L		02/18/25 13:00	02/19/25 19:13	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		02/18/25 13:00	02/19/25 19:13	1
Calcium	0.0301	U	0.100	0.0301	mg/L		02/18/25 13:00	02/19/25 19:13	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		02/18/25 13:00	02/19/25 19:13	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		02/18/25 13:00	02/19/25 19:13	1
Potassium	0.0220	U	0.100	0.0220	mg/L		02/18/25 13:00	02/19/25 19:13	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		02/18/25 13:00	02/19/25 19:13	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		02/18/25 13:00	02/19/25 19:13	1
Sodium	0.0564	U	0.100	0.0564	mg/L		02/18/25 13:00	02/19/25 19:13	1
Lead	0.000367	U	0.00200	0.000367	mg/L		02/18/25 13:00	02/19/25 19:13	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		02/18/25 13:00	02/19/25 19:13	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		02/18/25 13:00	02/19/25 19:13	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		02/18/25 13:00	02/19/25 19:13	1

Lab Sample ID: LCS 860-217342/2-A

Matrix: Water

Analysis Batch: 217788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 217342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09919		mg/L		99	80 - 120
Barium	0.100	0.09603		mg/L		96	80 - 120
Beryllium	0.100	0.09634		mg/L		96	80 - 120
Boron	0.100	0.09598		mg/L		96	80 - 120
Cadmium	0.100	0.09974		mg/L		100	80 - 120
Calcium	2.50	2.261		mg/L		90	80 - 120
Chromium	0.100	0.09881		mg/L		99	80 - 120
Cobalt	0.100	0.09967		mg/L		100	80 - 120
Potassium	1.00	0.9858		mg/L		99	80 - 120
Magnesium	2.50	2.608		mg/L		104	80 - 120
Molybdenum	0.100	0.1005		mg/L		100	80 - 120
Sodium	2.50	2.608		mg/L		104	80 - 120
Lead	0.100	0.09902		mg/L		99	80 - 120
Antimony	0.100	0.09890		mg/L		99	80 - 120
Selenium	0.100	0.09779		mg/L		98	80 - 120
Thallium	0.100	0.09873		mg/L		99	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

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

Lab Sample ID: LCSD 860-217342/3-A
Matrix: Water
Analysis Batch: 217788

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217342

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Arsenic	0.100	0.09902		mg/L		99	80 - 120		0	20
Barium	0.100	0.09582		mg/L		96	80 - 120		0	20
Beryllium	0.100	0.09849		mg/L		98	80 - 120		2	20
Boron	0.100	0.09837		mg/L		98	80 - 120		2	20
Cadmium	0.100	0.09990		mg/L		100	80 - 120		0	20
Calcium	2.50	2.233		mg/L		89	80 - 120		1	20
Chromium	0.100	0.09900		mg/L		99	80 - 120		0	20
Cobalt	0.100	0.1001		mg/L		100	80 - 120		0	20
Potassium	1.00	0.9745		mg/L		97	80 - 120		1	20
Magnesium	2.50	2.581		mg/L		103	80 - 120		1	20
Molybdenum	0.100	0.1007		mg/L		101	80 - 120		0	20
Sodium	2.50	2.581		mg/L		103	80 - 120		1	20
Lead	0.100	0.09888		mg/L		99	80 - 120		0	20
Antimony	0.100	0.09876		mg/L		99	80 - 120		0	20
Selenium	0.100	0.09772		mg/L		98	80 - 120		0	20
Thallium	0.100	0.09833		mg/L		98	80 - 120		0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-217219/1-A
Matrix: Water
Analysis Batch: 217453

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217219

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		02/18/25 05:52	02/18/25 15:16	1

Lab Sample ID: LCS 860-217219/2-A
Matrix: Water
Analysis Batch: 217453

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Mercury	0.00200	0.002006		mg/L		100	80 - 120	

Lab Sample ID: LCSD 860-217219/3-A
Matrix: Water
Analysis Batch: 217453

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217219

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Mercury	0.00200	0.001945		mg/L		97	80 - 120		3	20

Lab Sample ID: MB 860-217579/12-B
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217794

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		02/20/25 09:49	02/20/25 16:08	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 860-217794/1-A
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217794

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		02/20/25 05:45	02/20/25 15:22	1

Lab Sample ID: LCS 860-217579/13-B
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002128		mg/L		106	80 - 120

Lab Sample ID: LCS 860-217794/2-A
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001711		mg/L		86	80 - 120

Lab Sample ID: LCSD 860-217579/14-B
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001909		mg/L		95	80 - 120	11	20

Lab Sample ID: LCSD 860-217794/3-A
Matrix: Water
Analysis Batch: 217979

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 217794

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001774		mg/L		89	80 - 120	4	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-217014/3
Matrix: Water
Analysis Batch: 217014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 12:58	1

Lab Sample ID: MB 860-217014/34
Matrix: Water
Analysis Batch: 217014

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 860-217014/34

Matrix: Water

Analysis Batch: 217014

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/16/25 15:20	1

Lab Sample ID: LCS 860-217014/35

Matrix: Water

Analysis Batch: 217014

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	241.5		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-217014/36

Matrix: Water

Analysis Batch: 217014

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
Total Alkalinity	250	242.6		mg/L		97	85 - 115	0	20

Lab Sample ID: MB 860-217127/3

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 10:38	1

Lab Sample ID: MB 860-217127/31

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			02/17/25 12:32	1

Lab Sample ID: LCS 860-217127/32

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	242.1		mg/L		97	85 - 115

Lab Sample ID: LCS 860-217127/4

Matrix: Water

Analysis Batch: 217127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	239.4		mg/L		96	85 - 115

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 860-217127/33
Matrix: Water
Analysis Batch: 217127

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
Total Alkalinity	250	241.4		mg/L		97	85 - 115	0	20

Lab Sample ID: LCSD 860-217127/5
Matrix: Water
Analysis Batch: 217127

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
Total Alkalinity	250	240.1		mg/L		96	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-217544/1
Matrix: Water
Analysis Batch: 217544

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			02/19/25 08:55	1

Lab Sample ID: LCS 860-217544/2
Matrix: Water
Analysis Batch: 217544

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	979.0		mg/L		98	80 - 120

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-704932/1-A
Matrix: Water
Analysis Batch: 707020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 704932

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2051	U	0.317	0.318	1.00	0.538	pCi/L	02/26/25 08:08	03/11/25 11:41	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.1		30 - 110	02/26/25 08:08	03/11/25 11:41	1
Y Carrier	84.9		30 - 110	02/26/25 08:08	03/11/25 11:41	1

Lab Sample ID: LCS 160-704932/2-A
Matrix: Water
Analysis Batch: 707020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 704932

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.03	9.867		1.34	1.00	0.502	pCi/L	123	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.6		30 - 110

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-704932/2-A

Matrix: Water

Analysis Batch: 707020

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 704932

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Y Carrier	82.2		30 - 110

Lab Sample ID: MB 160-704937/1-A

Matrix: Water

Analysis Batch: 707172

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 704937

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3979	U	0.378	0.380	1.00	0.604	pCi/L	02/26/25 08:15	03/11/25 11:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.5		30 - 110					02/26/25 08:15	03/11/25 11:56	1
Y Carrier	80.0		30 - 110					02/26/25 08:15	03/11/25 11:56	1

Lab Sample ID: LCS 160-704937/2-A

Matrix: Water

Analysis Batch: 707172

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 704937

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	8.03	8.943		1.29	1.00	0.620	pCi/L	111	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	85.3		30 - 110						
Y Carrier	80.0		30 - 110						

Method: SM7500 Ra B - Radium-226

Lab Sample ID: MB 810-134082/1-A

Matrix: Water

Analysis Batch: 136469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 134082

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.1500	U	0.300		1.00	0.410	pCi/L	02/21/25 09:23	03/12/25 15:47	1

Lab Sample ID: LCS 810-134082/2-A

Matrix: Water

Analysis Batch: 136469

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 134082

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.06	4.700			1.00	0.360	pCi/L	93	90 - 110

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method: SM7500 Ra B - Radium-226 (Continued)

Lab Sample ID: MB 810-134093/1-A
Matrix: Water
Analysis Batch: 136334

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134093

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	-0.07000	U	0.140		1.00	0.360	pCi/L	02/21/25 10:16	03/12/25 14:51	1

Lab Sample ID: LCS 810-134093/2-A
Matrix: Water
Analysis Batch: 136334

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134093

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.06	4.910			1.00	0.340	pCi/L	97	90 - 110

Lab Sample ID: MB 810-134283/1-A
Matrix: Water
Analysis Batch: 135290

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134283

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.1300	U	0.300		1.00	0.410	pCi/L	02/24/25 09:25	03/04/25 10:26	1

Lab Sample ID: LCS 810-134283/2-A
Matrix: Water
Analysis Batch: 135290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134283

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.06	4.930			1.00	0.320	pCi/L	97	90 - 110

Lab Sample ID: MB 810-134302/1-A
Matrix: Water
Analysis Batch: 136298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134302

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Ra-226	0.6800		0.490		1.00	0.410	pCi/L	02/24/25 10:29	03/12/25 09:15	1

Lab Sample ID: LCS 810-134302/2-A
Matrix: Water
Analysis Batch: 136298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134302

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Ra-226	5.06	4.800			1.00	0.380	pCi/L	95	90 - 110

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

HPLC/IC

Analysis Batch: 217020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	300.0	
860-93694-2	EW-02	Total/NA	Water	300.0	
860-93694-3	EW-04	Total/NA	Water	300.0	
860-93694-4	EW-05	Total/NA	Water	300.0	
860-93694-5	Dup-04	Total/NA	Water	300.0	
860-93694-6	IT Well	Total/NA	Water	300.0	
MB 860-217020/3	Method Blank	Total/NA	Water	300.0	
MB 860-217020/45	Method Blank	Total/NA	Water	300.0	
LCS 860-217020/46	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-217020/47	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-217020/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Leach Batch: 217018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-217018/1-B	Method Blank	Total/NA	Water	1311	

Prep Batch: 217089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	3010A	
860-93694-3	EW-04	Total/NA	Water	3010A	
MB 860-217089/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217089/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217089/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 217090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	3010A	
860-93694-2	EW-02	Total/NA	Water	3010A	
860-93694-3	EW-04	Total/NA	Water	3010A	
MB 860-217090/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217090/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217090/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 217219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	7470A	
860-93694-3	EW-04	Total/NA	Water	7470A	
MB 860-217219/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-217219/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-217219/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 217271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-4	EW-05	Total/NA	Water	3010A	
860-93694-5	Dup-04	Total/NA	Water	3010A	
860-93694-6	IT Well	Total/NA	Water	3010A	
LB 860-217018/1-B	Method Blank	Total/NA	Water	3010A	
MB 860-217271/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217271/2-A	Lab Control Sample	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Metals (Continued)

Prep Batch: 217271 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-217271/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 217274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	6010D	217090
860-93694-2	EW-02	Total/NA	Water	6010D	217090
860-93694-3	EW-04	Total/NA	Water	6010D	217090
MB 860-217090/1-A	Method Blank	Total/NA	Water	6010D	217090
LCS 860-217090/2-A	Lab Control Sample	Total/NA	Water	6010D	217090
LCSD 860-217090/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	217090

Prep Batch: 217342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-2	EW-02	Total/NA	Water	3010A	
860-93694-4	EW-05	Total/NA	Water	3010A	
860-93694-5	Dup-04	Total/NA	Water	3010A	
860-93694-6	IT Well	Total/NA	Water	3010A	
MB 860-217342/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-217342/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-217342/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 217390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	6020A	217089
860-93694-3	EW-04	Total/NA	Water	6020A	217089
MB 860-217089/1-A	Method Blank	Total/NA	Water	6020A	217089
LCS 860-217089/2-A	Lab Control Sample	Total/NA	Water	6020A	217089
LCSD 860-217089/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217089

Analysis Batch: 217453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	7470A	217219
860-93694-3	EW-04	Total/NA	Water	7470A	217219
MB 860-217219/1-A	Method Blank	Total/NA	Water	7470A	217219
LCS 860-217219/2-A	Lab Control Sample	Total/NA	Water	7470A	217219
LCSD 860-217219/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	217219

Analysis Batch: 217499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	6020A	217089
860-93694-1	EW-01	Total/NA	Water	6020A	217089
860-93694-3	EW-04	Total/NA	Water	6020A	217089
860-93694-3	EW-04	Total/NA	Water	6020A	217089

Filtration Batch: 217579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-217579/12-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-217579/13-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-217579/14-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Metals

Analysis Batch: 217598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-4	EW-05	Total/NA	Water	6010D	217271
860-93694-5	Dup-04	Total/NA	Water	6010D	217271
860-93694-6	IT Well	Total/NA	Water	6010D	217271
LB 860-217018/1-B	Method Blank	Total/NA	Water	6010D	217271
MB 860-217271/1-A	Method Blank	Total/NA	Water	6010D	217271
LCS 860-217271/2-A	Lab Control Sample	Total/NA	Water	6010D	217271
LCSD 860-217271/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	217271

Analysis Batch: 217788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-2	EW-02	Total/NA	Water	6020A	217342
860-93694-2	EW-02	Total/NA	Water	6020A	217342
860-93694-4	EW-05	Total/NA	Water	6020A	217342
860-93694-4	EW-05	Total/NA	Water	6020A	217342
860-93694-5	Dup-04	Total/NA	Water	6020A	217342
860-93694-5	Dup-04	Total/NA	Water	6020A	217342
860-93694-6	IT Well	Total/NA	Water	6020A	217342
860-93694-6	IT Well	Total/NA	Water	6020A	217342
MB 860-217342/1-A	Method Blank	Total/NA	Water	6020A	217342
LCS 860-217342/2-A	Lab Control Sample	Total/NA	Water	6020A	217342
LCSD 860-217342/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	217342

Prep Batch: 217794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-2	EW-02	Total/NA	Water	7470A	
860-93694-4	EW-05	Total/NA	Water	7470A	
860-93694-5	Dup-04	Total/NA	Water	7470A	
860-93694-6	IT Well	Total/NA	Water	7470A	
MB 860-217579/12-B	Method Blank	Total/NA	Water	7470A	217579
MB 860-217794/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-217579/13-B	Lab Control Sample	Total/NA	Water	7470A	217579
LCS 860-217794/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-217579/14-B	Lab Control Sample Dup	Total/NA	Water	7470A	217579
LCSD 860-217794/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 217799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-2	EW-02	Total/NA	Water	7470A	217794
860-93694-4	EW-05	Total/NA	Water	7470A	217794
860-93694-5	Dup-04	Total/NA	Water	7470A	217794
860-93694-6	IT Well	Total/NA	Water	7470A	217794
MB 860-217579/12-B	Method Blank	Total/NA	Water	7470A	217794
MB 860-217794/1-A	Method Blank	Total/NA	Water	7470A	217794
LCS 860-217579/13-B	Lab Control Sample	Total/NA	Water	7470A	217794
LCS 860-217794/2-A	Lab Control Sample	Total/NA	Water	7470A	217794
LCSD 860-217579/14-B	Lab Control Sample Dup	Total/NA	Water	7470A	217794
LCSD 860-217794/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	217794

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

General Chemistry

Analysis Batch: 217014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	SM 2320B	
860-93694-2	EW-02	Total/NA	Water	SM 2320B	
860-93694-3	EW-04	Total/NA	Water	SM 2320B	
860-93694-5	Dup-04	Total/NA	Water	SM 2320B	
MB 860-217014/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-217014/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-217014/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-217014/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-217014/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 217127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-4	EW-05	Total/NA	Water	SM 2320B	
860-93694-6	IT Well	Total/NA	Water	SM 2320B	
MB 860-217127/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-217127/31	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-217127/32	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-217127/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-217127/33	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-217127/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 217544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	SM 2540C	
860-93694-2	EW-02	Total/NA	Water	SM 2540C	
860-93694-3	EW-04	Total/NA	Water	SM 2540C	
860-93694-4	EW-05	Total/NA	Water	SM 2540C	
860-93694-5	Dup-04	Total/NA	Water	SM 2540C	
860-93694-6	IT Well	Total/NA	Water	SM 2540C	
MB 860-217544/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-217544/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Rad

Prep Batch: 134082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-3	EW-04	Total/NA	Water	RAD Prep	
860-93694-5	Dup-04	Total/NA	Water	RAD Prep	
860-93694-6	IT Well	Total/NA	Water	RAD Prep	
MB 810-134082/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134082/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	

Prep Batch: 134093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	RAD Prep	
MB 810-134093/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134093/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	

Prep Batch: 134283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-2	EW-02	Total/NA	Water	RAD Prep	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Rad (Continued)

Prep Batch: 134283 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 810-134283/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134283/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	

Prep Batch: 134302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-4	EW-05	Total/NA	Water	RAD Prep	
MB 810-134302/1-A	Method Blank	Total/NA	Water	RAD Prep	
LCS 810-134302/2-A	Lab Control Sample	Total/NA	Water	RAD Prep	

Prep Batch: 704932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-1	EW-01	Total/NA	Water	PrecSep_0	
860-93694-2	EW-02	Total/NA	Water	PrecSep_0	
860-93694-3	EW-04	Total/NA	Water	PrecSep_0	
860-93694-4	EW-05	Total/NA	Water	PrecSep_0	
MB 160-704932/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-704932/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 704937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-93694-5	Dup-04	Total/NA	Water	PrecSep_0	
860-93694-6	IT Well	Total/NA	Water	PrecSep_0	
MB 160-704937/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-704937/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-01

Lab Sample ID: 860-93694-1

Date Collected: 02/12/25 12:05

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 19:37	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:13	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217390	02/17/25 23:12	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1000			217499	02/18/25 19:30	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217499	02/18/25 20:00	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		1			217453	02/18/25 15:36	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 17:02	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1004.58 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707172	03/11/25 11:52	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134093	02/21/25 10:16	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137075	03/18/25 10:36	SM	EA SB
								Completed: 03/18/25 11:06 ¹		

Client Sample ID: EW-02

Lab Sample ID: 860-93694-2

Date Collected: 02/12/25 12:35

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 19:59	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:15	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 20:00	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217788	02/19/25 20:08	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:27	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 17:12	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1000.47 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707172	03/11/25 11:52	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134283	02/24/25 09:25	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			135937	03/10/25 07:12	SM	EA SB
								Completed: 03/10/25 07:42 ¹		

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: EW-04

Lab Sample ID: 860-93694-3

Date Collected: 02/12/25 13:10

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 20:09	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217090	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6010D		1			217274	02/17/25 20:17	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1			217390	02/17/25 23:14	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		1000			217499	02/18/25 19:32	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217089	02/17/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217499	02/18/25 20:02	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217219	02/18/25 05:52	AGR	EET HOU
Total/NA	Analysis	7470A		4			217453	02/18/25 16:00	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 17:10	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1004.30 mL	1.0 g	704932	02/26/25 08:08	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707172	03/11/25 11:52	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137080	03/18/25 11:22	SM	EA SB
								Completed: 03/18/25 11:52 ¹		

Client Sample ID: EW-05

Lab Sample ID: 860-93694-4

Date Collected: 02/12/25 11:35

Matrix: Water

Date Received: 02/13/25 09:39

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		100			217020	02/17/25 20:20	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217271	02/18/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			217598	02/18/25 18:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 20:02	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217788	02/19/25 20:11	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:28	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:04	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1002.15 mL	1.0 g	704932	02/26/25 08:10	OGC	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	707172	03/11/25 11:52	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134302	02/24/25 10:29	SM	EA SB
Total/NA	Analysis	SM7500 Ra B		1			136941	03/17/25 15:32	SM	EA SB
								Completed: 03/17/25 16:02 ¹		

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Client Sample ID: Dup-04

Date Collected: 02/12/25 10:00

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93694-5

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		100			217020	02/17/25 20:31	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217271	02/18/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			217598	02/18/25 18:04	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 20:04	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217788	02/19/25 20:13	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:33	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217014	02/16/25 17:06	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			991.31 mL	1.0 g	704937	02/26/25 08:15	OGC	EET SL
Total/NA	Analysis	904.0		1			707172	03/11/25 11:56	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137080	03/18/25 11:22	SM	EA SB
Completed:								03/18/25 11:52 ¹		

Client Sample ID: IT Well

Date Collected: 02/12/25 10:20

Date Received: 02/13/25 09:39

Lab Sample ID: 860-93694-6

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	300.0		100			217020	02/17/25 20:42	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217271	02/18/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			217598	02/18/25 18:06	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		10			217788	02/19/25 20:06	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	217342	02/18/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			217788	02/19/25 20:15	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	217794	02/20/25 05:45	AGR	EET HOU
Total/NA	Analysis	7470A		1			217979	02/20/25 16:34	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			217127	02/17/25 11:09	MR	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	217544	02/19/25 08:55	TR	EET HOU
Total/NA	Prep	PrecSep_0			1002.01 mL	1.0 g	704937	02/26/25 08:15	OGC	EET SL
Total/NA	Analysis	904.0		1			707172	03/11/25 11:56	SWS	EET SL
Total/NA	Prep	RAD Prep			1.0 mL	1.0 mL	134082	02/21/25 09:23	VH	EA SB
Total/NA	Analysis	SM7500 Ra B		1			137080	03/18/25 11:22	SM	EA SB
Completed:								03/18/25 11:52 ¹		

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Houston

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

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	07-01-26
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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Laboratory: Eurofins Eaton Analytical South Bend

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5794.01	07-31-26
Alabama	State	40700	06-30-25
Alaska	State	IN00035	06-30-25
Arizona	State	AZ0432	07-26-25
Arkansas (DW)	State	EPA IN00035	06-30-25
California	State	2920	06-30-25
Colorado	State	IN00035	02-28-26
Connecticut	State	PH-0132	03-31-26
Delaware (DW)	State	IN00035	06-30-25
Florida	NELAP	E87775	06-30-25
Georgia (DW)	State	929	06-30-25
Guam	State	24-012R	07-15-25
Hawaii	State	IN035	06-30-25
Idaho (DW)	State	IN00035	12-31-25
IL Dept. of Public Health (Micro)	State	17767	06-30-25
Illinois	NELAP	200001	09-30-25
Indiana	State	C-71-01	12-31-25
Indiana (Micro)	State	M-76-07	12-31-25
Iowa	State	098	11-01-25
Kansas	NELAP	E-10233	10-31-25
Kentucky (DW)	State	KY90056	12-31-25
Louisiana (DW)	State	LA014	12-31-25
Maine	State	IN00035	05-01-25
Maryland	State	209	06-30-25
Massachusetts	State	M-IN035	06-30-25
MI - RadChem Recognition	State	9926	06-01-25
Michigan	State	9926	12-31-25
Minnesota	NELAP	018-999-338	12-31-25
Mississippi	State	IN00035	06-30-25
Missouri	State	880	09-30-27
Montana (DW)	State	CERT0026	01-01-26
Nebraska	State	NE-OS-05-04	06-30-25
Nevada	State	NV-C24-00276	07-31-25
New Hampshire	NELAP	2124	11-05-25
New Jersey	NELAP	IN598	06-30-25
New Mexico	State	IN00035	06-30-25
New York	NELAP	11398	04-01-25

Eurofins Houston

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Laboratory: Eurofins Eaton Analytical South Bend (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
North Carolina (DW)	State	18700	07-31-25
North Dakota	State	R-035	06-30-24 *
Northern Mariana Islands (DW)	State	IN00035	06-30-25
Ohio	State	87775	06-30-25
Oklahoma	NELAP	D9508	08-31-25
Oregon	NELAP	4156	09-16-25
Pennsylvania	NELAP	68-00466	04-30-25
Puerto Rico	State	IN00035	04-01-25
Rhode Island	State	LAO00343	12-30-25
South Carolina	State	95005001	06-30-25
South Dakota (DW)	State	IN00035	06-30-25
Tennessee	State	TN02973	06-30-25
Texas	NELAP	T104704187	12-31-25
Texas	TCEQ Water Supply	TX207	06-30-25
USEPA UCMR 5	US Federal Programs	IN00035	12-31-25
Utah	NELAP	IN00035	07-31-25
Vermont	State	VT-8775	12-28-25
Virginia	NELAP	460275	03-14-26
Washington	State	C837	01-01-26
West Virginia (DW)	State	9927 C	01-31-26
Wisconsin	State	999766900	08-31-25
Wisconsin (Micro)	State	10121	12-31-25
Wyoming	State	8TMS-L	06-30-25

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
904.0	PrecSep_0	Water	Radium-228

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Houston

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
904.0	Radium-228 (GFPC)	EPA	EET SL
SM7500 Ra B	Radium-226	SM	EA SB
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
RAD Prep	Preparation, Radiologicals	None	EA SB

Protocol References:

EPA = US Environmental Protection Agency

None = None

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:

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-93694-1
SDG: Extraction System and IT Well

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-93694-1	EW-01	Water	02/12/25 12:05	02/13/25 09:39
860-93694-2	EW-02	Water	02/12/25 12:35	02/13/25 09:39
860-93694-3	EW-04	Water	02/12/25 13:10	02/13/25 09:39
860-93694-4	EW-05	Water	02/12/25 11:35	02/13/25 09:39
860-93694-5	Dup-04	Water	02/12/25 10:00	02/13/25 09:39
860-93694-6	IT Well	Water	02/12/25 10:20	02/13/25 09:39

Client Information				Lab POC				Carrier Tracking No(s)				COC No:			
Client Information Client Contact: Mike Scholfield Company: GSI Environmental, Inc Address: 9600 Great Hills Trail Suite 350E City: Austin State, Zip: TX, 78759 Phone: 512-346-4474 (Tel) 512-346-4476 (Fax) Email: mscholfield@gsi-net.com Project Name: San Miguel Electrical Co-Op GW Site: SSDWWF Extraction System and IT Well				Sampler: Brian Hillin and HMI Team Phone: 713-653-3127 Email: Sachin.Kudchadkar@Eurofins.com				Lab POC: Kudchadkar Sachin G Email: Sachin.Kudchadkar@Eurofins.com				Page: Page 1 of 1 Job #:			
Due Date Requested: TAT Requested (days):				Analysis Requested				Preservation Codes: A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Amelcor H Ascorbic Acid I Ice J DI Water K EDTA L EDA Other:							
Sample Identification				Field Filtered Sample (Yes or No) ☒				Perform MS/MSD (Yes or No) ☒				Total Number of Containers ☒			
Sample Identification EW-01 EW-02 EW-03 EW-04 EW-05 SW-06 Dup-04 IT Well	Sample Date 2-12-25 ↓ 2-12-25 ↓ 2-12-25 ↓ 2-12-25 ↓	Sample Time 1205 1235 1310 1355 1400 1520	Sample Type (C=Comp, G=grab) G G G G G G G	Matrix (Inorganic, Organic, Other) Water Water Water Water Water Water Water	Preservation Code: N D N D N D N D	2320B, Alkalinity 6020A 7470 B, Ca, Sb, As, Ba, Be, Cd, Cr Co, Pb, Li, Mo, Se, Ti, Mg, K, Na, Hg 2540C_TDS 300 Cl, F SO4 9011_Ra-Rad 228 Eurofins St Louis SM7500_Ra_B Rad 226 South Bend, In	Special Instructions/Note: well down per S.W.E.C. - 3/4 ft well down per S.W.E.C. - 3/4 ft well down per S.W.E.C. - 3/4 ft								
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 ☐ Dispose By Lab ☐ Archive For Months							
Deliverable Requested: I, II, III, IV Other (specify)								Special Instructions/IOC Requirements:							
Empty Kit Relinquished by: Relinquished by: Caleb Muecke Relinquished by: Tullance Date/Time: 2-13-25 / 0939 Date/Time: 2-13-25 / 0939 Company: Company Company: Company								Method of Shipment: Received by: Sachin Received by: Sachin Date/Time: 2-13-25 / 0939 Date/Time: 2-13-25 / 0939 Company: Company Company: Company							
Custody Seal Intact: ☐ Yes ☐ No								Custody Seal No. 200, 270, 200 IR 100-268							



860-93694 Chain of Custody



Environment Testing

Environment Testing

1

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-93694-1

SDG Number: Extraction System and IT Well

Login Number: 93694

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.	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: GSI Environmental Inc

Job Number: 860-93694-1

SDG Number: Extraction System and IT Well

Login Number: 93694

List Source: Eurofins Eaton Analytical South Bend

List Number: 2

List Creation: 02/15/25 11:12 AM

Creator: Trowbridge, Peyton

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	False	Thermal preservation not required.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
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	
Samples do not require splitting or compositing.	True	
Container provided by EEA	False	Client provided containers

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-93694-1

SDG Number: Extraction System and IT Well

Login Number: 93694

List Number: 3

Creator: Worthington, Sierra M

List Source: Eurofins St. Louis

List Creation: 02/17/25 10:16 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

DATA USABILITY SUMMARY

March 2025 Sampling Event (Job ID: 860-96788-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **three groundwater samples collected at the Ash Pile on 26 March 2025** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). GSI certifies that at the time the laboratory data were generated for the project, EET HOU was National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A. No radiochemistry analyses were performed because the Ash Pile is in detection monitoring.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. The samples were collected as part of a resampling event to confirm concentrations. As a result, a focused list of analytes was requested as compared to a typical semiannual monitoring event at the Ash Pile. Analyses requested included:

- Method 6020A - Metals (Inductively Coupled Plasma (ICP)/Mass Spectrometry)
- Method 300.0 – Anions, Ion Chromatography

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Three (3) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	LCS/LCSD	
	% R	RPD
Metals	80 – 120	20
Inorganic Anions	90 – 110	20

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 2. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times. Items related to sample preparation are listed below.

- Samples SP-02, SP-03 and SP-32 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

The following calibration issues were identified in the LCN or during review of the laboratory data package:

- For Method 300.0, the continuing calibration blank (CCB) for analytical batch 860-225866 contained Chloride above the MDL, and were not reanalyzed because associated sample results were greater than 10X the value found in the CCB.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues with the method blanks were noted in the LCN or during review of the laboratory data package.

Finding: No qualifiers were added per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

Not applicable.

Field Duplicates (Field Precision)

Not applicable.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. No qualifiers were added based on this review and evaluation.

REFERENCES

- GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rq/rq-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
03/26/2025	EET HOU	860-96788-1	SP-02	Water
03/26/2025	EET HOU	860-96788-2	SP-03	Water
03/26/2025	EET HOU	860-96788-3	SP-32	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 01/28/2025
Expiration Date: 06/30/2025
Certificate ID: TX-C25-00028

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/28/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-96788-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 4/1/2025 4:58:41 PM

JOB DESCRIPTION

Ash Pile

JOB NUMBER

860-96788-1

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
4/1/2025 4:58:41 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

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
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GSI Environmental Inc
Project: Ash Pile

Job ID: 860-96788-1

Job ID: 860-96788-1

Eurofins Houston

Job Narrative 860-96788-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/27/2025 9:44 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 1.1°C.

HPLC/IC

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-225866 contained Chloride 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

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Client Sample ID: SP-02

Lab Sample ID: 860-96788-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	12.9		1.00	0.401	mg/L	100		6020A	Total/NA

Client Sample ID: SP-03

Lab Sample ID: 860-96788-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5000		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	819		10.0	3.01	mg/L	100		6020A	Total/NA

Client Sample ID: SP-32

Lab Sample ID: 860-96788-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2290		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	543		10.0	3.01	mg/L	100		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Client Sample ID: SP-02

Lab Sample ID: 860-96788-1

Date Collected: 03/26/25 12:15

Matrix: Water

Date Received: 03/27/25 09:44

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	12.9		1.00	0.401	mg/L		03/31/25 13:00	04/01/25 15:21	100

Client Sample ID: SP-03

Lab Sample ID: 860-96788-2

Date Collected: 03/26/25 11:45

Matrix: Water

Date Received: 03/27/25 09:44

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5000		5.00	2.50	mg/L			03/31/25 13:56	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	819		10.0	3.01	mg/L		03/31/25 13:00	03/31/25 23:42	100

Client Sample ID: SP-32

Lab Sample ID: 860-96788-3

Date Collected: 03/26/25 11:15

Matrix: Water

Date Received: 03/27/25 09:44

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2290		5.00	2.50	mg/L			03/31/25 14:02	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	543		10.0	3.01	mg/L		03/31/25 13:00	03/31/25 23:50	100

QC Sample Results

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-225866/3

Matrix: Water

Analysis Batch: 225866

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			03/31/25 11:38	1

Lab Sample ID: MB 860-225866/57

Matrix: Water

Analysis Batch: 225866

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			03/31/25 17:52	1

Lab Sample ID: LCS 860-225866/4

Matrix: Water

Analysis Batch: 225866

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	9.488		mg/L		95	90 - 110

Lab Sample ID: LCS 860-225866/58

Matrix: Water

Analysis Batch: 225866

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	9.437		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-225866/5

Matrix: Water

Analysis Batch: 225866

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	9.594		mg/L		96	90 - 110	1	20

Lab Sample ID: LCSD 860-225866/59

Matrix: Water

Analysis Batch: 225866

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	0	20

Lab Sample ID: LLCS 860-225866/20

Matrix: Water

Analysis Batch: 225866

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	0.6418		mg/L		128	50 - 150

QC Sample Results

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-225863/1-A
Matrix: Water
Analysis Batch: 226182

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 225863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	0.0301	U	0.100	0.0301	mg/L		03/31/25 13:00	03/31/25 22:19	1

Lab Sample ID: MB 860-225863/1-A
Matrix: Water
Analysis Batch: 226255

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 225863

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		03/31/25 13:00	04/01/25 14:55	1

Lab Sample ID: LCS 860-225863/2-A
Matrix: Water
Analysis Batch: 226182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 225863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	2.50	2.653		mg/L		106	80 - 120

Lab Sample ID: LCS 860-225863/2-A
Matrix: Water
Analysis Batch: 226255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 225863

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.08749		mg/L		87	80 - 120

Lab Sample ID: LCSD 860-225863/3-A
Matrix: Water
Analysis Batch: 226182

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 225863

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	2.50	2.725		mg/L		109	80 - 120	3	20

Lab Sample ID: LCSD 860-225863/3-A
Matrix: Water
Analysis Batch: 226255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 225863

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.08996		mg/L		90	80 - 120	3	20

QC Association Summary

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

HPLC/IC

Analysis Batch: 225866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-96788-2	SP-03	Total/NA	Water	300.0	
860-96788-3	SP-32	Total/NA	Water	300.0	
MB 860-225866/3	Method Blank	Total/NA	Water	300.0	
MB 860-225866/57	Method Blank	Total/NA	Water	300.0	
LCS 860-225866/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-225866/58	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-225866/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-225866/59	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-225866/20	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 225863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-96788-1	SP-02	Total/NA	Water	3010A	
860-96788-2	SP-03	Total/NA	Water	3010A	
860-96788-3	SP-32	Total/NA	Water	3010A	
MB 860-225863/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-225863/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-225863/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 226182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-96788-2	SP-03	Total/NA	Water	6020A	225863
860-96788-3	SP-32	Total/NA	Water	6020A	225863
MB 860-225863/1-A	Method Blank	Total/NA	Water	6020A	225863
LCS 860-225863/2-A	Lab Control Sample	Total/NA	Water	6020A	225863
LCSD 860-225863/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	225863

Analysis Batch: 226255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-96788-1	SP-02	Total/NA	Water	6020A	225863
MB 860-225863/1-A	Method Blank	Total/NA	Water	6020A	225863
LCS 860-225863/2-A	Lab Control Sample	Total/NA	Water	6020A	225863
LCSD 860-225863/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	225863

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Client Sample ID: SP-02

Lab Sample ID: 860-96788-1

Date Collected: 03/26/25 12:15

Matrix: Water

Date Received: 03/27/25 09:44

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	225863	03/31/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			226255	04/01/25 15:21	DP	EET HOU

Client Sample ID: SP-03

Lab Sample ID: 860-96788-2

Date Collected: 03/26/25 11:45

Matrix: Water

Date Received: 03/27/25 09:44

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		10			225866	03/31/25 13:56	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	225863	03/31/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			226182	03/31/25 23:42	DP	EET HOU

Client Sample ID: SP-32

Lab Sample ID: 860-96788-3

Date Collected: 03/26/25 11:15

Matrix: Water

Date Received: 03/27/25 09:44

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		10	0 mL	1.0 mL	225866	03/31/25 14:02	HN	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	225863	03/31/25 13:00	MD	EET HOU
Total/NA	Analysis	6020A		100			226182	03/31/25 23:50	DP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

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	07-01-26
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
6020A	3010A	Water	Calcium

Method Summary

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GSI Environmental Inc
Project/Site: Ash Pile

Job ID: 860-96788-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-96788-1	SP-02	Water	03/26/25 12:15	03/27/25 09:44
860-96788-2	SP-03	Water	03/26/25 11:45	03/27/25 09:44
860-96788-3	SP-32	Water	03/26/25 11:15	03/27/25 09:44

1

2

3

4

5

6

7

8

9

10

11

12

13

14

[illegible]

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-96788-1

Login Number: 96788

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

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.	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	

DATA USABILITY SUMMARY

May 2025 Sampling Event (Job ID: 860-100297-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **two groundwater samples collected at the Ash Pile on 07 May 2025** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). GSI certifies that at the time the laboratory data were generated for the project, EET HOU was National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A. No radiochemistry analyses were performed because the Ash Pile is in detection monitoring.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. The samples were collected as part of a resampling event to confirm concentrations. As a result, a focused list of analytes was requested as compared to a typical semiannual monitoring event at the Ash Pile. Analyses requested included:

- Method 6020A - Metals (Inductively Coupled Plasma (ICP)/Mass Spectrometry)
- Method 300.0 – Anions, Ion Chromatography

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Two (2) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	LCS/LCSD		MS/MSD	
	% R	RPD	% R	RPD
Metals	80 – 120	20	-	-
Inorganic Anions	90 – 110	20	90 – 110	15

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 2. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times. Items related to sample preparation are listed below.

- Samples SP-03 and SP-32 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Sample SP-32 by Method 6020A was diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

No calibration issues were identified in the LCN or during review of the laboratory data package.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues with the method blanks were noted in the LCN or during review of the laboratory data package.

Finding: No qualifiers were added per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- By Method 300.0, the recoveries for analytical batch 234754 analyzed using sample SP-03 were outside control limits for Chloride (MS/MSD). Recoveries of Chloride in the MS/MSD samples were 63% and 74%, respectively, below the desired range of 90-110%. Sample matrix interference and/or non-homogeneity are suspected because the associated LCS/LCSD recoveries were within acceptable limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added.

Finding: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

Not applicable.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. No qualifiers were added based on this review and evaluation.

REFERENCES

- GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
- TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rq/rq-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
05/07/2025	EET HOU	860-100297-1	SP-03	Water
05/07/2025	EET HOU	860-100297-2	SP-32	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 01/28/2025
Expiration Date: 06/30/2025
Certificate ID: TX-C25-00028

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/28/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-100297-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 5/14/2025 3:44:00 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op May 25 Resample

JOB NUMBER

860-100297-1

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
5/14/2025 3:44:00 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op May 25 Resample

Job ID: 860-100297-1

Qualifiers

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.
U	Indicates the analyte was analyzed for but not detected.

Metals

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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op May 25 Resample

Job ID: 860-100297-1

Job ID: 860-100297-1

Eurofins Houston

Job Narrative 860-100297-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/7/2025 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-234754 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: SP-03 (860-100297-1) and SP-32 (860-100297-2). 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

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc

Job ID: 860-100297-1

Project/Site: San Miguel Electrical Co-Op May 25 Resample

Client Sample ID: SP-03

Lab Sample ID: 860-100297-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4750		5.00	2.50	mg/L	10		300.0	Total/NA

Client Sample ID: SP-32

Lab Sample ID: 860-100297-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2330		5.00	2.50	mg/L	10		300.0	Total/NA
Calcium	580		5.00	1.50	mg/L	50		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op May 25 Resample

Job ID: 860-100297-1

Client Sample ID: SP-03

Lab Sample ID: 860-100297-1

Date Collected: 05/07/25 08:45

Matrix: Water

Date Received: 05/07/25 16:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4750		5.00	2.50	mg/L			05/09/25 19:05	10

Client Sample ID: SP-32

Lab Sample ID: 860-100297-2

Date Collected: 05/07/25 09:35

Matrix: Water

Date Received: 05/07/25 16:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2330		5.00	2.50	mg/L			05/09/25 19:45	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	580		5.00	1.50	mg/L		05/12/25 11:00	05/12/25 18:25	50

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op May 25 Resample

Job ID: 860-100297-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-234754/3

Matrix: Water

Analysis Batch: 234754

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			05/09/25 10:48	1

Lab Sample ID: LCS 860-234754/4

Matrix: Water

Analysis Batch: 234754

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	9.342		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-234754/5

Matrix: Water

Analysis Batch: 234754

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	9.475		mg/L		95	90 - 110	1	20

Lab Sample ID: LLCS 860-234754/7

Matrix: Water

Analysis Batch: 234754

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	0.5714		mg/L		114	50 - 150

Lab Sample ID: 860-100297-1 MS

Matrix: Water

Analysis Batch: 234754

Client Sample ID: SP-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4750		100	4814	4	mg/L		63	90 - 110

Lab Sample ID: 860-100297-1 MSD

Matrix: Water

Analysis Batch: 234754

Client Sample ID: SP-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4750		100	4825	4	mg/L		74	90 - 110	0	15

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-235104/1-A

Matrix: Water

Analysis Batch: 235369

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 235104

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	0.0301	U	0.100	0.0301	mg/L		05/12/25 11:00	05/12/25 17:44	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op May 25 Resample

Job ID: 860-100297-1

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

Lab Sample ID: LCSD 860-235104/3-A

Matrix: Water

Analysis Batch: 235369

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 235104

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	2.50	2.687		mg/L		107	80 - 120	4	20

Lab Sample ID: LCS 860-235104/3-A

Matrix: Water

Analysis Batch: 235369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	2.50	2.573		mg/L		103	80 - 120		

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op May 25 Resample

Job ID: 860-100297-1

HPLC/IC

Analysis Batch: 234754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100297-1	SP-03	Total/NA	Water	300.0	
860-100297-2	SP-32	Total/NA	Water	300.0	
MB 860-234754/3	Method Blank	Total/NA	Water	300.0	
LCS 860-234754/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-234754/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-234754/7	Lab Control Sample	Total/NA	Water	300.0	
860-100297-1 MS	SP-03	Total/NA	Water	300.0	
860-100297-1 MSD	SP-03	Total/NA	Water	300.0	

Metals

Prep Batch: 235104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100297-2	SP-32	Total/NA	Water	3010A	
MB 860-235104/1-A	Method Blank	Total/NA	Water	3010A	
LCSD 860-235104/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 235369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-100297-2	SP-32	Total/NA	Water	6020A	235104
MB 860-235104/1-A	Method Blank	Total/NA	Water	6020A	235104
LCS 860-235104/3-A	Lab Control Sample	Total/NA	Water	6020A	
LCSD 860-235104/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	235104

Lab Chronicle

Client: GSI Environmental Inc

Job ID: 860-100297-1

Project/Site: San Miguel Electrical Co-Op May 25 Resample

Client Sample ID: SP-03

Lab Sample ID: 860-100297-1

Date Collected: 05/07/25 08:45

Matrix: Water

Date Received: 05/07/25 16:00

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		10			234754	05/09/25 19:05	A1S	EET HOU

Client Sample ID: SP-32

Lab Sample ID: 860-100297-2

Date Collected: 05/07/25 09:35

Matrix: Water

Date Received: 05/07/25 16:00

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		10			234754	05/09/25 19:45	A1S	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	235104	05/12/25 11:00	MD	EET HOU
Total/NA	Analysis	6020A		50			235369	05/12/25 18:25	DP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op May 25 Resample

Job ID: 860-100297-1

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	07-01-26

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
6020A	3010A	Water	Calcium

Method Summary

Client: GSI Environmental Inc

Job ID: 860-100297-1

Project/Site: San Miguel Electrical Co-Op May 25 Resample

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GSI Environmental Inc

Job ID: 860-100297-1

Project/Site: San Miguel Electrical Co-Op May 25 Resample

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-100297-1	SP-03	Water	05/07/25 08:45	05/07/25 16:00
860-100297-2	SP-32	Water	05/07/25 09:35	05/07/25 16:00

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Chain of Custody Record

Client Information		Lab PVI:		Carrier Tracking No(s):		COC No:					
Client Contact: Mike Schofield		Kudchadkar Sachin G									
Company: GSI Environmental, Inc		E-Mail: Sachin.Kudchadkar@Eurofinset.com				Page: Page 1 of 1					
Address: 9600 Great Hills Trail Suite 350E City: Austin State, Zip: TX, 78759 Phone: 512-346-4474 (Tel) 512-346-4476 (Fax) Email: mischofield@gsi-net.com Project Name: San Miguel Electrical Co-Op GW May 25 Resample Site: Ash Pile		Due Date Requested: TAT Requested (days): PO #: WO #: Project #: 86001746 SSOW#:		Analysis Requested		Job #:					
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (V=Vapor, S=Solid, O=Other)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A Calcium	300 Chloride	Total Number of Containers	Special Instructions/Note:
SP-03	5/7/25	845	G	Water				X	X	1	
SP-32	5/7/25	935	G	Water				X	X	2	
Barcode: 860-100297 Chain of Custody											
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological											
Deliverable Requested: I, II, III, IV Other (specify)											
Empty Kit Relinquished by: _____ Date: _____											
Relinquished by: <i>A. Passy</i> Date/Time: 5/7/25 1519 Company: _____											
Relinquished by: _____ Date/Time: _____ Company: _____											
Relinquished by: _____ Date/Time: _____ Company: _____											
Custody Seals Intact: ☐ Yes ☐ No Custody Seal No. _____											

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-100297-1

Login Number: 100297

List Number: 1

Creator: Rubio, Yuri

List Source: Eurofins Houston

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.	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	

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Appendix B.2 Data Usability Summaries – August 2025

DATA USABILITY SUMMARY

August 2025 Sampling Event (Job ID: 860-109705-1 and 860-109705-2)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed two data packages from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **seven groundwater samples collected at the Ash Pile on 20 August 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). GSI certifies that at the time the laboratory data were generated for the project, EET HOU was National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU's NELAP certificate applicable to the period during which the laboratory generated the data in this report is included as Attachment A. No radiochemistry analyses were performed because the Ash Pile is in detection monitoring.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 6020A - Metals (Inductively Coupled Plasma (ICP)/Mass Spectrometry)
- Method 300.0 – Anions, Ion Chromatography
- Method SM2320B - Alkalinity
- Method SM2540C - Total Dissolved Solids (TDS)

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

¹ Five samples plus one field duplicate and one field blank.

INTRODUCTION

Seven (7) water samples were submitted to the laboratory, and all requested analyses were completed. Two water samples, SP-01 and SP-32, were reanalyzed for Anions and Metals at GSI's request due to initial results containing significant charge imbalances. Eurofins Houston presented the reanalyzed results in report 860-109705-2. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	MS/MSD		LCS/LCSD		Lab Dup RPD	Field Precision RPD
	% R	RPD	% R	RPD		
Metals	75 – 125	20	80 – 120	20	-	≤ 30%
Inorganic Anions	90 – 110	15	90 – 110	20	-	≤ 30%
Alkalinity	-	-	85 – 115	20	20	≤ 30%
Total Dissolved Solids (TDS)	-	-	80 – 120	-	-	≤ 30%

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times, with exceptions noted below. Items related to the C-O-C are also listed below.

- The sample identified as Dup-01 on the C-O-C for job 860-108705-1 is a field duplicate of sample SP-02.

Items related to sample preparation are listed below.

- 860-108705-1: Samples SP-34, SP-01, SP-02, SP-03, SP-32, Dup-01, and FB-01 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

- 860-108705-1: Samples SP-34, SP-01, SP-02, SP-03, SP-32, and Dup-01 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- 860-108705-2: Samples SP-01 and SP-32 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- 860-108705-2: Samples SP-01 and SP-32 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

The following issues were noted with the laboratory calibrations in the LCN or lab report:

- 860-108705-1: For Method 300.0, the continuing calibration blank (CCB) for analytical batch 860-257996 contained Sulfate greater than the MDL, and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the CCB.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues with the method blanks were noted in the LCN or during review of the laboratory data package.

Field Blanks

The following issues were noted with the blank collected in the field:

- Boron, Calcium, Magnesium, Potassium, Sodium, Sulfate and TDS were detected in the Field Blank at concentrations above the MDL. The field blank sample (FB-01) consists of distilled water that is exposed to ambient air on the day of sample collection. All field samples collected contained concentrations Boron, Calcium, Magnesium, Potassium, Sodium and Sulfate that were greater than 5X the associated field blank concentration and did not require qualifiers. All field samples collected contained concentrations of TDS less than 5X the associated field blank concentration and required "JH" qualifiers.

Finding: "JH" flags were added to the TDS results for samples SP-34, SP-01, SP-02, SP-03, SP-32 and Dup-01 per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

No issues were noted with the Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries in the LCN or lab report.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- 860-108705-1: By Method 6020A, the recoveries for analytical batch 258121 and preparation batch 257042 analyzed using sample SP-34 were outside control limits for Boron (MS/MSD), Calcium (MS/MSD) and Sodium (MS/MSD). Recoveries of Boron in the MS/MSD samples were -468% and -493%, respectively, below the desired range of 75-125%. Recoveries of Calcium in the MS/MSD samples were 1877% and 1870%, respectively, above the desired range of 75-125%. Recoveries of Sodium in the MS/MSD samples were 2771% and 1790%, respectively, above the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated LCS/LCSD recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.
- 860-108705-2: By Method 6020A, the recoveries for analytical batch 260519 and preparation batch 260042 analyzed using sample SP-32 were outside control limits for Potassium (MS/MSD) and Magnesium (MS/MSD). Recoveries of Potassium in the MS/MSD samples were 62% and 51%, respectively, below the desired range of 75-125%. Recoveries of Magnesium in the MS/MSD samples were -23% and 8%, respectively, below the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated LCS/LCSD recoveries were within acceptable limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.
- 860-108705-2: By Method 6020A, the recoveries for analytical batch 260826 and preparation batch 260042 analyzed using sample SP-32 were outside control limits for Boron (MS/MSD), Calcium (MS/MSD) and Sodium (MS/MSD). Recoveries of Boron in the MS/MSD samples were -333% and -419%, respectively, below the desired range of 75-125%. Recoveries of Calcium in the MS/MSD samples were 270% and 372%, respectively, above the desired range of 75-125%. Recoveries of Sodium in the MS/MSD samples were -205% and -1472%, respectively, below the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated LCS/LCSD recoveries were within acceptable limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.

Finding: No qualifiers were added per this evaluation.

Charge Imbalance

Two water samples, SP-01 and SP-32, were reanalyzed for Anions and Metals at GSI's request due to initial results containing significant charge imbalances (-20.8% and -13.8%, respectively). Eurofins Houston presented the reanalyzed results in report 860-109705-2. The reanalyzed results for SP-01 and SP-32 had smaller charge imbalances than the original results (-15.7% and -12.8%, respectively); therefore, the initial Anions and Metals results for SP-01 and SP-32 in report 860-109705-1 were rejected. The reanalyzed results were still outside of the desired range of $\leq \pm 10\%$; therefore, all detected Anion and Metals results for SP-01 and SP-32 were given "J" flags.

Finding: "J" flags were added to the detected Anion and Metals results for samples SP-01 and SP-32 per this evaluation.

Field Duplicates (Field Precision)

One field duplicate, identified as Dup-01, was collected with sample SP-02. Results indicate that RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes with concentrations less than five times the MQL for the majority of analyses. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: No qualifiers were added per this evaluation.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. In addition, qualifiers were added based on this review and evaluation (see Table 3).

REFERENCES

- GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
- TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
08/20/2025	EET HOU	860-109705-1	SP-34	Water
08/20/2025	EET HOU	860-109705-2	SP-01	Water
08/20/2025	EET HOU	860-109705-3	SP-02	Water
08/20/2025	EET HOU	860-109705-4	SP-03	Water
08/20/2025	EET HOU	860-109705-5	SP-32	Water
08/20/2025	EET HOU	860-109705-6	DUP-01	Water
08/20/2025	EET HOU	860-109705-7	FB-01	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas

TABLE 2
Field Duplicate Detections

Analyte	MDL (mg/L)	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference (RPD)
Chloride	2.50	2700	2700	0.0
Fluoride	1.00	<1.00	<1.00	0.0
Sulfate	2.00	2110	2100	0.5
Boron	0.401	14.5	14.2	2.1
Calcium	3.01	828	802	3.2
Magnesium	0.164	35.9	35.3	1.7
Potassium	5.64	43.4	42.7	1.6
Sodium	0.220	1710	1740	1.7
Total Alkalinity	4.00	48.7	47.8	1.9
Bicarbonate Alkalinity as CaCO ₃	4.00	48.7	47.8	1.9
Carbonate Alkalinity as CaCO ₃	4.00	<1.00	<4.00	0.0
Hydroxide Alkalinity	4.00	<1.00	<4.00	0.0
Total Dissolved Solids	100	7210	7090	1.7

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. < = analyte not detected at the stated limit; J = result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value
5. CaCO₃: Calcium carbonate

TABLE 3
Qualifiers Added During Data Usability Review

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
SP-34	TDS	7040	mg/L	JH	Result <5X FB concentration	258214	860-109705-1
SP-01	TDS	13500	mg/L	JH	Result <5X FB concentration	258214	860-109705-1
SP-02	TDS	7210	mg/L	JH	Result <5X FB concentration	258214	860-109705-1
SP-03	TDS	11300	mg/L	JH	Result <5X FB concentration	258214	860-109705-1
SP-32	TDS	11900	mg/L	JH	Result <5X FB concentration	258214	860-109705-1
DUP-01	TDS	7090	mg/L	JH	Result <5X FB concentration	258214	860-109705-1
SP-01	Chloride	3280	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-259499	860-109705-2
SP-01	Fluoride	12.9	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-259499	860-109705-2
SP-01	Sulfate	7370	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-259499	860-109705-2
SP-01	Lithium	1.89	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260168	860-109705-2
SP-01	Arsenic	0.116	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-01	Beryllium	0.554	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-01	Boron	8.76	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260826	860-109705-2
SP-01	Cadmium	0.519	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-01	Calcium	490	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-01	Cobalt	2.84	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-01	Potassium	17.1	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-01	Magnesium	272	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-01	Sodium	3040	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260826	860-109705-2
SP-32	Chloride	2370	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-259499	860-109705-2
SP-32	Fluoride	6.4	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-259499	860-109705-2
SP-32	Sulfate	5890	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-259499	860-109705-2
SP-32	Lithium	1.46	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260168	860-109705-2
SP-32	Arsenic	0.0664	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2
SP-32	Beryllium	0.245	mg/L	J	Charge imbalance $\geq \pm 10\%$	860-260519	860-109705-2

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
SP-32	Boron	10.3	mg/L	J	Charge imbalance $>\pm 10\%$	860-260826	860-109705-2
SP-32	Cadmium	0.217	mg/L	J	Charge imbalance $>\pm 10\%$	860-260519	860-109705-2
SP-32	Calcium	566	mg/L	J	Charge imbalance $>\pm 10\%$	860-260826	860-109705-2
SP-32	Cobalt	1.46	mg/L	J	Charge imbalance $>\pm 10\%$	860-260519	860-109705-2
SP-32	Potassium	17.6	mg/L	J	Charge imbalance $>\pm 10\%$	860-260519	860-109705-2
SP-32	Magnesium	153	mg/L	J	Charge imbalance $>\pm 10\%$	860-260519	860-109705-2
SP-32	Sodium	2420	mg/L	J	Charge imbalance $>\pm 10\%$	860-260826	860-109705-2
SP-32	Selenium	0.0218	mg/L	J	Charge imbalance $>\pm 10\%$	860-260519	860-109705-2

Notes:

1. mg/L: milligrams per liter
2. JH: estimated value, biased high
3. J: estimated value
4. FB: field blank

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 08/26/2025
Expiration Date: 06/30/2026
Certificate ID: TX-C25-00241

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/26/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-109705-1 and 860-109705-2

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 8/29/2025 1:38:02 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op

JOB NUMBER

860-109705-1

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
8/29/2025 1:38:02 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	8
QC Sample Results	12
QC Association Summary	18
Lab Chronicle	21
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Qualifiers

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
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
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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Job ID: 860-109705-1

Eurofins Houston

Job Narrative 860-109705-1

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 8/21/2025 8:54 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 2.6°C.

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted due to the nature of the sample matrix: SP-34 (860-109705-1), SP-01 (860-109705-2), SP-02 (860-109705-3), SP-03 (860-109705-4), SP-32 (860-109705-5), Dup-01 (860-109705-6) and FB-01 (860-109705-7). 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 Sulfate within the calibration range: SP-01 (860-109705-2) and SP-32 (860-109705-5). 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

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-257042 and analytical batch 860-258121 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

General Chemistry

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: SP-34

Lab Sample ID: 860-109705-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2090		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	2.64	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	2820		5.00	2.00	mg/L	10		300.0	Total/NA
Boron	12.5		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	638		10.0	3.01	mg/L	100		6020A	Total/NA
Magnesium	63.7		0.500	0.0819	mg/L	5		6020A	Total/NA
Potassium	30.8		0.500	0.110	mg/L	5		6020A	Total/NA
Sodium	1360		10.0	5.64	mg/L	100		6020A	Total/NA
Total Dissolved Solids	7040		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SP-01

Lab Sample ID: 860-109705-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3180		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	17.7		5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate - DL	8330		50.0	20.0	mg/L	100		300.0	Total/NA
Boron	8.75		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	523		10.0	3.01	mg/L	100		6020A	Total/NA
Magnesium	239		10.0	1.64	mg/L	100		6020A	Total/NA
Potassium	15.9		10.0	2.20	mg/L	100		6020A	Total/NA
Sodium	2910		10.0	5.64	mg/L	100		6020A	Total/NA
Total Dissolved Solids	13500		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SP-02

Lab Sample ID: 860-109705-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2700		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2110		5.00	2.00	mg/L	10		300.0	Total/NA
Boron	14.5		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	828		10.0	3.01	mg/L	100		6020A	Total/NA
Magnesium	35.9		10.0	1.64	mg/L	100		6020A	Total/NA
Potassium	43.4		10.0	2.20	mg/L	100		6020A	Total/NA
Sodium	1710		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	48.7		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	48.7		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7210		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SP-03

Lab Sample ID: 860-109705-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4780		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2640		5.00	2.00	mg/L	10		300.0	Total/NA
Boron	8.70		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	847		10.0	3.01	mg/L	100		6020A	Total/NA
Magnesium	105		10.0	1.64	mg/L	100		6020A	Total/NA
Potassium	59.7		10.0	2.20	mg/L	100		6020A	Total/NA
Sodium	2890		10.0	5.64	mg/L	100		6020A	Total/NA
Total Dissolved Solids	11300		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: SP-32

Lab Sample ID: 860-109705-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2370		5.00	2.50	mg/L	10		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: SP-32 (Continued)

Lab Sample ID: 860-109705-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Fluoride	7.47		5.00	1.00	mg/L	10			300.0	Total/NA
Sulfate - DL	5840		50.0	20.0	mg/L	100			300.0	Total/NA
Boron	9.21		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	548		5.00	1.50	mg/L	50			6020A	Total/NA
Magnesium	151		5.00	0.819	mg/L	50			6020A	Total/NA
Potassium	17.5		5.00	1.10	mg/L	50			6020A	Total/NA
Sodium	2360		10.0	5.64	mg/L	100			6020A	Total/NA
Total Dissolved Solids	11900		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: Dup-01

Lab Sample ID: 860-109705-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2700		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	2100		5.00	2.00	mg/L	10			300.0	Total/NA
Boron	14.2		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	802		5.00	1.50	mg/L	50			6020A	Total/NA
Magnesium	35.3		5.00	0.819	mg/L	50			6020A	Total/NA
Potassium	42.7		5.00	1.10	mg/L	50			6020A	Total/NA
Sodium	1740		10.0	5.64	mg/L	100			6020A	Total/NA
Total Alkalinity	47.8		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	47.8		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	7090		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: FB-01

Lab Sample ID: 860-109705-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Sulfate	2.18	J	5.00	2.00	mg/L	10			300.0	Total/NA
Boron	0.0149		0.0100	0.00401	mg/L	1			6020A	Total/NA
Calcium	0.491		0.100	0.0301	mg/L	1			6020A	Total/NA
Magnesium	0.0989	J	0.100	0.0164	mg/L	1			6020A	Total/NA
Potassium	0.0653	J	0.100	0.0220	mg/L	1			6020A	Total/NA
Sodium	1.30		0.100	0.0564	mg/L	1			6020A	Total/NA
Total Dissolved Solids	7120		100	100	mg/L	1			SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: SP-34

Lab Sample ID: 860-109705-1

Date Collected: 08/20/25 11:35

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2090		5.00	2.50	mg/L			08/27/25 14:56	10
Fluoride	2.64	J	5.00	1.00	mg/L			08/27/25 14:56	10
Sulfate	2820		5.00	2.00	mg/L			08/27/25 14:56	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	12.5		1.00	0.401	mg/L		08/22/25 13:30	08/26/25 19:01	100
Calcium	638		10.0	3.01	mg/L		08/22/25 13:30	08/26/25 19:01	100
Magnesium	63.7		0.500	0.0819	mg/L		08/22/25 13:30	08/25/25 21:43	5
Potassium	30.8		0.500	0.110	mg/L		08/22/25 13:30	08/25/25 21:43	5
Sodium	1360		10.0	5.64	mg/L		08/22/25 13:30	08/26/25 19:01	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:38	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:38	1
Total Dissolved Solids (SM 2540C)	7040		100	100	mg/L			08/27/25 15:50	1

Client Sample ID: SP-01

Lab Sample ID: 860-109705-2

Date Collected: 08/20/25 10:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3180		5.00	2.50	mg/L			08/27/25 15:54	10
Fluoride	17.7		5.00	1.00	mg/L			08/27/25 15:54	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	8330		50.0	20.0	mg/L			08/27/25 16:00	100

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	8.75		1.00	0.401	mg/L		08/25/25 10:30	08/27/25 17:57	100
Calcium	523		10.0	3.01	mg/L		08/25/25 10:30	08/27/25 00:50	100
Magnesium	239		10.0	1.64	mg/L		08/25/25 10:30	08/27/25 00:50	100
Potassium	15.9		10.0	2.20	mg/L		08/25/25 10:30	08/27/25 00:50	100
Sodium	2910		10.0	5.64	mg/L		08/25/25 10:30	08/27/25 17:57	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:44	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:44	1
Total Dissolved Solids (SM 2540C)	13500		100	100	mg/L			08/27/25 15:50	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: SP-02

Lab Sample ID: 860-109705-3

Date Collected: 08/20/25 10:03

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700		5.00	2.50	mg/L			08/27/25 16:06	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 16:06	10
Sulfate	2110		5.00	2.00	mg/L			08/27/25 16:06	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	14.5		1.00	0.401	mg/L		08/25/25 10:30	08/27/25 18:00	100
Calcium	828		10.0	3.01	mg/L		08/25/25 10:30	08/27/25 00:53	100
Magnesium	35.9		10.0	1.64	mg/L		08/25/25 10:30	08/27/25 00:53	100
Potassium	43.4		10.0	2.20	mg/L		08/25/25 10:30	08/27/25 00:53	100
Sodium	1710		10.0	5.64	mg/L		08/25/25 10:30	08/27/25 18:00	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	48.7		4.00	4.00	mg/L			08/28/25 19:50	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	48.7		4.00	4.00	mg/L			08/28/25 19:50	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:50	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:50	1
Total Dissolved Solids (SM 2540C)	7210		100	100	mg/L			08/27/25 15:50	1

Client Sample ID: SP-03

Lab Sample ID: 860-109705-4

Date Collected: 08/20/25 08:30

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4780		5.00	2.50	mg/L			08/27/25 16:19	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 16:19	10
Sulfate	2640		5.00	2.00	mg/L			08/27/25 16:19	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	8.70		1.00	0.401	mg/L		08/25/25 10:30	08/27/25 18:04	100
Calcium	847		10.0	3.01	mg/L		08/25/25 10:30	08/27/25 00:56	100
Magnesium	105		10.0	1.64	mg/L		08/25/25 10:30	08/27/25 00:56	100
Potassium	59.7		10.0	2.20	mg/L		08/25/25 10:30	08/27/25 00:56	100
Sodium	2890		10.0	5.64	mg/L		08/25/25 10:30	08/27/25 18:04	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:56	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:56	1
Total Dissolved Solids (SM 2540C)	11300		100	100	mg/L			08/27/25 15:50	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: SP-32

Lab Sample ID: 860-109705-5

Date Collected: 08/20/25 09:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2370		5.00	2.50	mg/L			08/27/25 16:45	10
Fluoride	7.47		5.00	1.00	mg/L			08/27/25 16:45	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	5840		50.0	20.0	mg/L			08/27/25 16:51	100

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	9.21		1.00	0.401	mg/L		08/25/25 10:30	08/27/25 18:12	100
Calcium	548		5.00	1.50	mg/L		08/25/25 10:30	08/27/25 01:00	50
Magnesium	151		5.00	0.819	mg/L		08/25/25 10:30	08/27/25 01:00	50
Potassium	17.5		5.00	1.10	mg/L		08/25/25 10:30	08/27/25 01:00	50
Sodium	2360		10.0	5.64	mg/L		08/25/25 10:30	08/27/25 18:12	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:58	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:58	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:58	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 19:58	1
Total Dissolved Solids (SM 2540C)	11900		100	100	mg/L			08/27/25 15:50	1

Client Sample ID: Dup-01

Lab Sample ID: 860-109705-6

Date Collected: 08/20/25 09:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700		5.00	2.50	mg/L			08/27/25 16:57	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 16:57	10
Sulfate	2100		5.00	2.00	mg/L			08/27/25 16:57	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	14.2		1.00	0.401	mg/L		08/25/25 10:30	08/27/25 18:16	100
Calcium	802		5.00	1.50	mg/L		08/25/25 10:30	08/27/25 01:03	50
Magnesium	35.3		5.00	0.819	mg/L		08/25/25 10:30	08/27/25 01:03	50
Potassium	42.7		5.00	1.10	mg/L		08/25/25 10:30	08/27/25 01:03	50
Sodium	1740		10.0	5.64	mg/L		08/25/25 10:30	08/27/25 18:16	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	47.8		4.00	4.00	mg/L			08/28/25 20:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	47.8		4.00	4.00	mg/L			08/28/25 20:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:12	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:12	1
Total Dissolved Solids (SM 2540C)	7090		100	100	mg/L			08/27/25 15:50	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: FB-01

Lab Sample ID: 860-109705-7

Date Collected: 08/20/25 08:40

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.50	U	5.00	2.50	mg/L			08/27/25 17:10	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 17:10	10
Sulfate	2.18	J	5.00	2.00	mg/L			08/27/25 17:10	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0149		0.0100	0.00401	mg/L		08/25/25 10:30	08/27/25 17:44	1
Calcium	0.491		0.100	0.0301	mg/L		08/25/25 10:30	08/27/25 01:06	1
Magnesium	0.0989	J	0.100	0.0164	mg/L		08/25/25 10:30	08/27/25 01:06	1
Potassium	0.0653	J	0.100	0.0220	mg/L		08/25/25 10:30	08/27/25 01:06	1
Sodium	1.30		0.100	0.0564	mg/L		08/25/25 10:30	08/27/25 17:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:18	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:18	1
Total Dissolved Solids (SM 2540C)	7120		100	100	mg/L			08/27/25 15:50	1

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

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

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

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

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

Lab Sample ID: 860-109705-1 MS

Matrix: Water

Analysis Batch: 257996

Client Sample ID: SP-34

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2050		1000	3077		mg/L		103	90 - 110
Fluoride	10.0	U	1000	1088		mg/L		109	90 - 110
Sulfate	2760		1000	3826		mg/L		107	90 - 110

Lab Sample ID: 860-109705-1 MSD

Matrix: Water

Analysis Batch: 257996

Client Sample ID: SP-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	2050		1000	3074		mg/L		103	90 - 110	0	15
Fluoride	10.0	U	1000	1089		mg/L		109	90 - 110	0	15
Sulfate	2760		1000	3817		mg/L		106	90 - 110	0	15

Method: 6020A - 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
Calcium	0.0301	U	0.100	0.0301	mg/L		08/22/25 13:30	08/25/25 21:35	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/22/25 13:30	08/25/25 21:35	1
Potassium	0.0220	U	0.100	0.0220	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
Sodium	0.0564	U	0.100	0.0564	mg/L		08/22/25 13:30	08/26/25 18:52	1

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
Calcium			2.50	2.542		mg/L		102	80 - 120
Magnesium			2.50	2.437		mg/L		97	80 - 120
Potassium			1.00	0.9749		mg/L		97	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

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

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
Sodium	2.50	2.519		mg/L		101	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
Calcium	2.50	2.574		mg/L		103	80 - 120	1	20
Magnesium	2.50	2.447		mg/L		98	80 - 120	0	20
Potassium	1.00	0.9960		mg/L		100	80 - 120	2	20

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
Sodium	2.50	2.521		mg/L		101	80 - 120	0	20

Lab Sample ID: 860-109705-1 MS

Matrix: Water

Analysis Batch: 257817

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 257042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	63.7		2.50	66.31	4	mg/L		105	75 - 125
Potassium	30.8		1.00	31.97	4	mg/L		114	75 - 125

Lab Sample ID: 860-109705-1 MS

Matrix: Water

Analysis Batch: 258121

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 257042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	12.5		0.100	12.01	4	mg/L		-468	75 - 125
Calcium	638		2.50	684.5	4	mg/L		1877	75 - 125
Sodium	1360		2.50	1429	4	mg/L		2771	75 - 125

Lab Sample ID: 860-109705-1 MSD

Matrix: Water

Analysis Batch: 257817

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 257042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	63.7		2.50	66.21	4	mg/L		101	75 - 125	0	20
Potassium	30.8		1.00	31.91	4	mg/L		108	75 - 125	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

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

Lab Sample ID: 860-109705-1 MSD

Matrix: Water

Analysis Batch: 258121

Client Sample ID: SP-34

Prep Type: Total/NA

Prep Batch: 257042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	12.5		0.100	11.99	4	mg/L		-493	75 - 125	0	20
Calcium	638		2.50	684.3	4	mg/L		1870	75 - 125	0	20
Sodium	1360		2.50	1405	4	mg/L		1790	75 - 125	2	20

Lab Sample ID: MB 860-257149/1-C

Matrix: Water

Analysis Batch: 258169

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257425

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	0.0301	U	0.100	0.0301	mg/L		08/25/25 10:30	08/27/25 00:08	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/25/25 10:30	08/27/25 00:08	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/25/25 10:30	08/27/25 00:08	1

Lab Sample ID: MB 860-257149/1-C

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257425

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		08/25/25 10:30	08/27/25 17:36	1
Sodium	0.0564	U	0.100	0.0564	mg/L		08/25/25 10:30	08/27/25 17:36	1

Lab Sample ID: LCS 860-257149/2-B

Matrix: Water

Analysis Batch: 258169

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257425

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	2.50	2.484		mg/L		99	80 - 120
Magnesium	2.50	2.525		mg/L		101	80 - 120
Potassium	1.00	1.018		mg/L		102	80 - 120

Lab Sample ID: LCS 860-257149/2-B

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257425

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09432		mg/L		94	80 - 120
Sodium	2.50	2.474		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-257149/3-B

Matrix: Water

Analysis Batch: 258169

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257425

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	2.50	2.485		mg/L		99	80 - 120	0	20
Magnesium	2.50	2.520		mg/L		101	80 - 120	0	20
Potassium	1.00	1.002		mg/L		100	80 - 120	2	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

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

Lab Sample ID: LCSD 860-257149/3-B

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257425

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.09638		mg/L		96	80 - 120	2	20
Sodium	2.50	2.426		mg/L		97	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-258727/3

Matrix: Water

Analysis Batch: 258727

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1

Lab Sample ID: LCS 860-258727/4

Matrix: Water

Analysis Batch: 258727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	248.7		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-258727/5

Matrix: Water

Analysis Batch: 258727

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
Total Alkalinity	250	251.5		mg/L		101	85 - 115	1	20

Lab Sample ID: 860-109705-1 DU

Matrix: Water

Analysis Batch: 258727

Client Sample ID: SP-34

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	4.00	U	4.00	U	mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	U	mg/L		NC	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

Lab Sample ID: 860-109705-2 DU

Matrix: Water

Analysis Batch: 258727

Client Sample ID: SP-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	4.00	U	4.00	U	mg/L		NC	20
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	U	mg/L		NC	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

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258214/1

Matrix: Water

Analysis Batch: 258214

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 15:50	1

Lab Sample ID: LCS 860-258214/2

Matrix: Water

Analysis Batch: 258214

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	1184		mg/L		118	80 - 120

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

HPLC/IC

Analysis Batch: 257996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-1	SP-34	Total/NA	Water	300.0	
860-109705-2	SP-01	Total/NA	Water	300.0	
860-109705-2 - DL	SP-01	Total/NA	Water	300.0	
860-109705-3	SP-02	Total/NA	Water	300.0	
860-109705-4	SP-03	Total/NA	Water	300.0	
860-109705-5	SP-32	Total/NA	Water	300.0	
860-109705-5 - DL	SP-32	Total/NA	Water	300.0	
860-109705-6	Dup-01	Total/NA	Water	300.0	
860-109705-7	FB-01	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	
860-109705-1 MS	SP-34	Total/NA	Water	300.0	
860-109705-1 MSD	SP-34	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: 257042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-1	SP-34	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	
860-109705-1 MS	SP-34	Total/NA	Water	3010A	
860-109705-1 MSD	SP-34	Total/NA	Water	3010A	

Filtration Batch: 257149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257149/1-C	Method Blank	Total/NA	Water	Filtration	
LCS 860-257149/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-257149/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 257425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	3010A	
860-109705-3	SP-02	Total/NA	Water	3010A	
860-109705-4	SP-03	Total/NA	Water	3010A	
860-109705-5	SP-32	Total/NA	Water	3010A	
860-109705-6	Dup-01	Total/NA	Water	3010A	
860-109705-7	FB-01	Total/NA	Water	3010A	
MB 860-257149/1-C	Method Blank	Total/NA	Water	3010A	257149
LCS 860-257149/2-B	Lab Control Sample	Total/NA	Water	3010A	257149
LCSD 860-257149/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	257149

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Metals

Analysis Batch: 257817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-1	SP-34	Total/NA	Water	6020A	257042
MB 860-256848/1-B	Method Blank	Total/NA	Water	6020A	257042
LCS 860-257042/2-A	Lab Control Sample	Total/NA	Water	6020A	257042
LCSD 860-257042/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257042
860-109705-1 MS	SP-34	Total/NA	Water	6020A	257042
860-109705-1 MSD	SP-34	Total/NA	Water	6020A	257042

Analysis Batch: 258121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-1	SP-34	Total/NA	Water	6020A	257042
MB 860-256848/1-B	Method Blank	Total/NA	Water	6020A	257042
LCS 860-257042/2-A	Lab Control Sample	Total/NA	Water	6020A	257042
LCSD 860-257042/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257042
860-109705-1 MS	SP-34	Total/NA	Water	6020A	257042
860-109705-1 MSD	SP-34	Total/NA	Water	6020A	257042

Analysis Batch: 258169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	6020A	257425
860-109705-3	SP-02	Total/NA	Water	6020A	257425
860-109705-4	SP-03	Total/NA	Water	6020A	257425
860-109705-5	SP-32	Total/NA	Water	6020A	257425
860-109705-6	Dup-01	Total/NA	Water	6020A	257425
860-109705-7	FB-01	Total/NA	Water	6020A	257425
MB 860-257149/1-C	Method Blank	Total/NA	Water	6020A	257425
LCS 860-257149/2-B	Lab Control Sample	Total/NA	Water	6020A	257425
LCSD 860-257149/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	257425

Analysis Batch: 258492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	6020A	257425
860-109705-3	SP-02	Total/NA	Water	6020A	257425
860-109705-4	SP-03	Total/NA	Water	6020A	257425
860-109705-5	SP-32	Total/NA	Water	6020A	257425
860-109705-6	Dup-01	Total/NA	Water	6020A	257425
860-109705-7	FB-01	Total/NA	Water	6020A	257425
MB 860-257149/1-C	Method Blank	Total/NA	Water	6020A	257425
LCS 860-257149/2-B	Lab Control Sample	Total/NA	Water	6020A	257425
LCSD 860-257149/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	257425

General Chemistry

Analysis Batch: 258214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-1	SP-34	Total/NA	Water	SM 2540C	
860-109705-2	SP-01	Total/NA	Water	SM 2540C	
860-109705-3	SP-02	Total/NA	Water	SM 2540C	
860-109705-4	SP-03	Total/NA	Water	SM 2540C	
860-109705-5	SP-32	Total/NA	Water	SM 2540C	
860-109705-6	Dup-01	Total/NA	Water	SM 2540C	
860-109705-7	FB-01	Total/NA	Water	SM 2540C	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

General Chemistry (Continued)

Analysis Batch: 258214 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-258214/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258214/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 258727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-1	SP-34	Total/NA	Water	SM 2320B	
860-109705-2	SP-01	Total/NA	Water	SM 2320B	
860-109705-3	SP-02	Total/NA	Water	SM 2320B	
860-109705-4	SP-03	Total/NA	Water	SM 2320B	
860-109705-5	SP-32	Total/NA	Water	SM 2320B	
860-109705-6	Dup-01	Total/NA	Water	SM 2320B	
860-109705-7	FB-01	Total/NA	Water	SM 2320B	
MB 860-258727/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258727/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258727/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-109705-1 DU	SP-34	Total/NA	Water	SM 2320B	
860-109705-2 DU	SP-01	Total/NA	Water	SM 2320B	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: SP-34

Date Collected: 08/20/25 11:35

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-1

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	300.0		10			257996	08/27/25 14:56	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020A		5			257817	08/25/25 21:43	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257042	08/22/25 13:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258121	08/26/25 19:01	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 19:38	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU

Client Sample ID: SP-01

Date Collected: 08/20/25 10:00

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-2

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	300.0		10			257996	08/27/25 15:54	W1N	EET HOU
Total/NA	Analysis	300.0	DL	100			257996	08/27/25 16:00	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258169	08/27/25 00:50	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258492	08/27/25 17:57	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 19:44	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU

Client Sample ID: SP-02

Date Collected: 08/20/25 10:03

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-3

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	300.0		10			257996	08/27/25 16:06	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258169	08/27/25 00:53	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258492	08/27/25 18:00	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 19:50	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU

Client Sample ID: SP-03

Date Collected: 08/20/25 08:30

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-4

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	300.0		10			257996	08/27/25 16:19	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258169	08/27/25 00:56	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Client Sample ID: SP-03

Date Collected: 08/20/25 08:30

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-4

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	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258492	08/27/25 18:04	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 19:56	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU

Client Sample ID: SP-32

Date Collected: 08/20/25 09:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-5

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		10			257996	08/27/25 16:45	W1N	EET HOU
Total/NA	Analysis	300.0	DL	100			257996	08/27/25 16:51	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		50			258169	08/27/25 01:00	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258492	08/27/25 18:12	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 19:58	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU

Client Sample ID: Dup-01

Date Collected: 08/20/25 09:00

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-6

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	300.0		10			257996	08/27/25 16:57	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		50			258169	08/27/25 01:03	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258492	08/27/25 18:16	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:12	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU

Client Sample ID: FB-01

Date Collected: 08/20/25 08:40

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109705-7

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	300.0		10			257996	08/27/25 17:10	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			258169	08/27/25 01:06	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257425	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			258492	08/27/25 17:44	DP	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:18	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	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: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109705-1	SP-34	Water	08/20/25 11:35	08/21/25 08:54	Texas
860-109705-2	SP-01	Water	08/20/25 10:00	08/21/25 08:54	Texas
860-109705-3	SP-02	Water	08/20/25 10:03	08/21/25 08:54	Texas
860-109705-4	SP-03	Water	08/20/25 08:30	08/21/25 08:54	Texas
860-109705-5	SP-32	Water	08/20/25 09:15	08/21/25 08:54	Texas
860-109705-6	Dup-01	Water	08/20/25 09:00	08/21/25 08:54	Texas
860-109705-7	FB-01	Water	08/20/25 08:40	08/21/25 08:54	Texas

[illegible]

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-109705-1

Login Number: 109705

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

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.	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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 9/9/2025 4:18:17 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op

JOB NUMBER

860-109705-2

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
9/9/2025 4:18:17 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page 1

Table of Contents 3

Definitions/Glossary 4

Case Narrative 5

Detection Summary 6

Client Sample Results 7

QC Sample Results 9

QC Association Summary 13

Lab Chronicle 15

Certification Summary 16

Method Summary 17

Sample Summary 18

Receipt Checklists 19



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Qualifiers

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
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.

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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Job ID: 860-109705-2

Eurofins Houston

Job Narrative 860-109705-2

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 temperature of the cooler at receipt time was 2.6°C.

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SP-01 (860-109705-2) and SP-32 (860-109705-5). 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

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-260042 and analytical batch 860-260519 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: SP-01 (860-109705-2) and SP-32 (860-109705-5). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-260042 and analytical batch 860-260826 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Client Sample ID: SP-01

Lab Sample ID: 860-109705-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	12.9		2.50	0.500	mg/L	5		300.0	Total/NA
Chloride - DL	3280		25.0	12.5	mg/L	50		300.0	Total/NA
Sulfate - DL	7370		25.0	10.0	mg/L	50		300.0	Total/NA
Lithium	1.89		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.116		0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0242	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.554		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	8.76		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.519		0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	490		1.00	0.301	mg/L	10		6020A	Total/NA
Cobalt	2.84		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	17.1		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	272		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	3040		10.0	5.64	mg/L	100		6020A	Total/NA
Lead	0.00595	J	0.0200	0.00367	mg/L	10		6020A	Total/NA
Selenium	0.00752	J	0.0200	0.00590	mg/L	10		6020A	Total/NA
Thallium	0.0185	J	0.0200	0.00415	mg/L	10		6020A	Total/NA

Client Sample ID: SP-32

Lab Sample ID: 860-109705-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2370		2.50	1.25	mg/L	5		300.0	Total/NA
Fluoride	6.40		2.50	0.500	mg/L	5		300.0	Total/NA
Sulfate - DL	5890		25.0	10.0	mg/L	50		300.0	Total/NA
Lithium	1.46		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0664		0.0400	0.00690	mg/L	10		6020A	Total/NA
Barium	0.0197	J	0.0400	0.0134	mg/L	10		6020A	Total/NA
Beryllium	0.245		0.0200	0.00271	mg/L	10		6020A	Total/NA
Boron	10.3		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.217		0.0200	0.00240	mg/L	10		6020A	Total/NA
Calcium	566		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	1.46		0.0200	0.00355	mg/L	10		6020A	Total/NA
Potassium	17.6		1.00	0.220	mg/L	10		6020A	Total/NA
Magnesium	153		1.00	0.164	mg/L	10		6020A	Total/NA
Sodium	2420		10.0	5.64	mg/L	100		6020A	Total/NA
Lead	0.0143	J	0.0200	0.00367	mg/L	10		6020A	Total/NA
Antimony	0.0107	J	0.0200	0.00750	mg/L	10		6020A	Total/NA
Selenium	0.0218		0.0200	0.00590	mg/L	10		6020A	Total/NA
Thallium	0.0143	J	0.0200	0.00415	mg/L	10		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Client Sample ID: SP-01

Lab Sample ID: 860-109705-2

Date Collected: 08/20/25 10:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	12.9		2.50	0.500	mg/L			09/04/25 20:17	5

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3280		25.0	12.5	mg/L			09/04/25 20:23	50
Sulfate	7370		25.0	10.0	mg/L			09/04/25 20:23	50

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.89		0.0400	0.0174	mg/L		09/05/25 09:21	09/05/25 15:43	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.116		0.0400	0.00690	mg/L		09/05/25 09:16	09/06/25 01:05	10
Barium	0.0242	J	0.0400	0.0134	mg/L		09/05/25 09:16	09/06/25 01:05	10
Beryllium	0.554		0.0200	0.00271	mg/L		09/05/25 09:16	09/06/25 01:05	10
Boron	8.76		1.00	0.401	mg/L		09/05/25 09:16	09/09/25 13:29	100
Cadmium	0.519		0.0200	0.00240	mg/L		09/05/25 09:16	09/06/25 01:05	10
Calcium	490		1.00	0.301	mg/L		09/05/25 09:16	09/06/25 01:05	10
Chromium	0.00560	U	0.0400	0.00560	mg/L		09/05/25 09:16	09/06/25 01:05	10
Cobalt	2.84		0.0200	0.00355	mg/L		09/05/25 09:16	09/06/25 01:05	10
Potassium	17.1		1.00	0.220	mg/L		09/05/25 09:16	09/06/25 01:05	10
Magnesium	272		1.00	0.164	mg/L		09/05/25 09:16	09/06/25 01:05	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		09/05/25 09:16	09/06/25 01:05	10
Sodium	3040		10.0	5.64	mg/L		09/05/25 09:16	09/09/25 13:29	100
Lead	0.00595	J	0.0200	0.00367	mg/L		09/05/25 09:16	09/06/25 01:05	10
Antimony	0.00750	U	0.0200	0.00750	mg/L		09/05/25 09:16	09/06/25 01:05	10
Selenium	0.00752	J	0.0200	0.00590	mg/L		09/05/25 09:16	09/06/25 01:05	10
Thallium	0.0185	J	0.0200	0.00415	mg/L		09/05/25 09:16	09/06/25 01:05	10

Client Sample ID: SP-32

Lab Sample ID: 860-109705-5

Date Collected: 08/20/25 09:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2370		2.50	1.25	mg/L			09/04/25 20:30	5
Fluoride	6.40		2.50	0.500	mg/L			09/04/25 20:30	5

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	5890		25.0	10.0	mg/L			09/04/25 20:36	50

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.46		0.0400	0.0174	mg/L		09/05/25 09:33	09/05/25 16:22	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0664		0.0400	0.00690	mg/L		09/05/25 09:16	09/06/25 00:28	10
Barium	0.0197	J	0.0400	0.0134	mg/L		09/05/25 09:16	09/06/25 00:28	10

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Client Sample ID: SP-32

Lab Sample ID: 860-109705-5

Date Collected: 08/20/25 09:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: SW846 6020A - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.245		0.0200	0.00271	mg/L		09/05/25 09:16	09/06/25 00:28	10
Boron	10.3		1.00	0.401	mg/L		09/05/25 09:16	09/09/25 13:19	100
Cadmium	0.217		0.0200	0.00240	mg/L		09/05/25 09:16	09/06/25 00:28	10
Calcium	566		10.0	3.01	mg/L		09/05/25 09:16	09/09/25 13:19	100
Chromium	0.00560	U	0.0400	0.00560	mg/L		09/05/25 09:16	09/06/25 00:28	10
Cobalt	1.46		0.0200	0.00355	mg/L		09/05/25 09:16	09/06/25 00:28	10
Potassium	17.6		1.00	0.220	mg/L		09/05/25 09:16	09/06/25 00:28	10
Magnesium	153		1.00	0.164	mg/L		09/05/25 09:16	09/06/25 00:28	10
Molybdenum	0.00255	U	0.0200	0.00255	mg/L		09/05/25 09:16	09/06/25 00:28	10
Sodium	2420		10.0	5.64	mg/L		09/05/25 09:16	09/09/25 13:19	100
Lead	0.0143	J	0.0200	0.00367	mg/L		09/05/25 09:16	09/06/25 00:28	10
Antimony	0.0107	J	0.0200	0.00750	mg/L		09/05/25 09:16	09/06/25 00:28	10
Selenium	0.0218		0.0200	0.00590	mg/L		09/05/25 09:16	09/06/25 00:28	10
Thallium	0.0143	J	0.0200	0.00415	mg/L		09/05/25 09:16	09/06/25 00:28	10

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-259499/3

Matrix: Water

Analysis Batch: 259499

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			09/04/25 17:18	1
Fluoride	0.100	U	0.500	0.100	mg/L			09/04/25 17:18	1
Sulfate	0.200	U	0.500	0.200	mg/L			09/04/25 17:18	1

Lab Sample ID: LCS 860-259499/4

Matrix: Water

Analysis Batch: 259499

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	9.656		mg/L		97	90 - 110
Fluoride	10.0	9.407		mg/L		94	90 - 110
Sulfate	10.0	9.108		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-259499/5

Matrix: Water

Analysis Batch: 259499

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	9.696		mg/L		97	90 - 110	0	20
Fluoride	10.0	9.597		mg/L		96	90 - 110	2	20
Sulfate	10.0	9.483		mg/L		95	90 - 110	4	20

Lab Sample ID: LLCS 860-259499/7

Matrix: Water

Analysis Batch: 259499

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	0.7078		mg/L		142	50 - 150
Fluoride	0.500	0.3956	J	mg/L		79	50 - 150
Sulfate	0.500	0.5733		mg/L		115	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-259967/8-B

Matrix: Water

Analysis Batch: 260168

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 260043

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		09/05/25 09:21	09/05/25 15:21	1

Lab Sample ID: LCS 860-259967/9-B

Matrix: Water

Analysis Batch: 260168

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 260043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9350		mg/L		94	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-259967/10-B

Matrix: Water

Analysis Batch: 260168

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 260043

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9350		mg/L		94	80 - 120	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-260042/1-A

Matrix: Water

Analysis Batch: 260519

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 260042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		09/05/25 09:16	09/06/25 00:19	1
Barium	0.00134	U	0.00400	0.00134	mg/L		09/05/25 09:16	09/06/25 00:19	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		09/05/25 09:16	09/06/25 00:19	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		09/05/25 09:16	09/06/25 00:19	1
Calcium	0.0301	U	0.100	0.0301	mg/L		09/05/25 09:16	09/06/25 00:19	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		09/05/25 09:16	09/06/25 00:19	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		09/05/25 09:16	09/06/25 00:19	1
Potassium	0.0220	U	0.100	0.0220	mg/L		09/05/25 09:16	09/06/25 00:19	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		09/05/25 09:16	09/06/25 00:19	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		09/05/25 09:16	09/06/25 00:19	1
Lead	0.000367	U	0.00200	0.000367	mg/L		09/05/25 09:16	09/06/25 00:19	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		09/05/25 09:16	09/06/25 00:19	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		09/05/25 09:16	09/06/25 00:19	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		09/05/25 09:16	09/06/25 00:19	1

Lab Sample ID: MB 860-260042/1-A

Matrix: Water

Analysis Batch: 260826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 260042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		09/05/25 09:16	09/09/25 13:10	1
Calcium	0.0301	U	0.100	0.0301	mg/L		09/05/25 09:16	09/09/25 13:10	1
Sodium	0.0564	U	0.100	0.0564	mg/L		09/05/25 09:16	09/09/25 13:10	1

Lab Sample ID: LCS 860-260042/2-A

Matrix: Water

Analysis Batch: 260519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1003		mg/L		100	80 - 120
Barium	0.100	0.09983		mg/L		100	80 - 120
Beryllium	0.100	0.09677		mg/L		97	80 - 120
Cadmium	0.100	0.09985		mg/L		100	80 - 120
Calcium	2.50	2.472		mg/L		99	80 - 120
Chromium	0.100	0.1004		mg/L		100	80 - 120
Cobalt	0.100	0.1000		mg/L		100	80 - 120
Potassium	1.00	1.032		mg/L		103	80 - 120
Magnesium	2.50	2.489		mg/L		100	80 - 120
Molybdenum	0.100	0.09658		mg/L		97	80 - 120
Lead	0.100	0.1000		mg/L		100	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

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

Lab Sample ID: LCS 860-260042/2-A

Matrix: Water

Analysis Batch: 260519

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.09976		mg/L		100	80 - 120
Selenium	0.100	0.1001		mg/L		100	80 - 120
Thallium	0.100	0.1019		mg/L		102	80 - 120

Lab Sample ID: LCS 860-260042/2-A

Matrix: Water

Analysis Batch: 260826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.1017		mg/L		102	80 - 120
Calcium	2.50	2.588		mg/L		104	80 - 120
Sodium	2.50	2.511		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-260042/3-A

Matrix: Water

Analysis Batch: 260519

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09997		mg/L		100	80 - 120	0	20
Barium	0.100	0.09961		mg/L		100	80 - 120	0	20
Beryllium	0.100	0.09628		mg/L		96	80 - 120	1	20
Cadmium	0.100	0.1001		mg/L		100	80 - 120	0	20
Calcium	2.50	2.426		mg/L		97	80 - 120	2	20
Chromium	0.100	0.09924		mg/L		99	80 - 120	1	20
Cobalt	0.100	0.09922		mg/L		99	80 - 120	1	20
Potassium	1.00	1.000		mg/L		100	80 - 120	3	20
Magnesium	2.50	2.461		mg/L		98	80 - 120	1	20
Molybdenum	0.100	0.09688		mg/L		97	80 - 120	0	20
Lead	0.100	0.1007		mg/L		101	80 - 120	1	20
Antimony	0.100	0.1022		mg/L		102	80 - 120	2	20
Selenium	0.100	0.1012		mg/L		101	80 - 120	1	20
Thallium	0.100	0.1027		mg/L		103	80 - 120	1	20

Lab Sample ID: LCSD 860-260042/3-A

Matrix: Water

Analysis Batch: 260826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.1063		mg/L		106	80 - 120	4	20
Sodium	2.50	2.542		mg/L		102	80 - 120	1	20

Lab Sample ID: 860-109705-5 MS

Matrix: Water

Analysis Batch: 260519

Client Sample ID: SP-32

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0664		0.100	0.1658		mg/L		99	75 - 125
Barium	0.0197	J	0.100	0.1342		mg/L		115	75 - 125
Beryllium	0.245		0.100	0.3435		mg/L		99	75 - 125
Cadmium	0.217		0.100	0.3137		mg/L		96	75 - 125

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

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

Lab Sample ID: 860-109705-5 MS

Matrix: Water

Analysis Batch: 260519

Client Sample ID: SP-32

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.00560	U	0.100	0.1016		mg/L		102	75 - 125
Cobalt	1.46		0.100	1.571	4	mg/L		108	75 - 125
Potassium	17.6		1.00	18.18	4	mg/L		62	75 - 125
Magnesium	153		2.50	151.9	4	mg/L		-23	75 - 125
Molybdenum	0.00255	U	0.100	0.09245		mg/L		92	75 - 125
Lead	0.0143	J	0.100	0.1238		mg/L		110	75 - 125
Antimony	0.0107	J	0.100	0.1136		mg/L		103	75 - 125
Selenium	0.0218		0.100	0.1261		mg/L		104	75 - 125
Thallium	0.0143	J	0.100	0.1245		mg/L		110	75 - 125

Lab Sample ID: 860-109705-5 MS

Matrix: Water

Analysis Batch: 260826

Client Sample ID: SP-32

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	10.3		0.100	9.961	4	mg/L		-333	75 - 125
Calcium	566		2.50	573.1	4	mg/L		270	75 - 125
Sodium	2420		2.50	2417	4	mg/L		-205	75 - 125

Lab Sample ID: 860-109705-5 MSD

Matrix: Water

Analysis Batch: 260519

Client Sample ID: SP-32

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.0664		0.100	0.1594		mg/L		93	75 - 125	4	20
Barium	0.0197	J	0.100	0.1273		mg/L		108	75 - 125	5	20
Beryllium	0.245		0.100	0.3418		mg/L		97	75 - 125	0	20
Cadmium	0.217		0.100	0.3110		mg/L		94	75 - 125	1	20
Chromium	0.00560	U	0.100	0.09525		mg/L		95	75 - 125	6	20
Cobalt	1.46		0.100	1.563	4	mg/L		99	75 - 125	1	20
Potassium	17.6		1.00	18.06	4	mg/L		51	75 - 125	1	20
Magnesium	153		2.50	152.7	4	mg/L		8	75 - 125	1	20
Molybdenum	0.00255	U	0.100	0.09116		mg/L		91	75 - 125	1	20
Lead	0.0143	J	0.100	0.1203		mg/L		106	75 - 125	3	20
Antimony	0.0107	J	0.100	0.1118		mg/L		101	75 - 125	2	20
Selenium	0.0218		0.100	0.1230		mg/L		101	75 - 125	3	20
Thallium	0.0143	J	0.100	0.1220		mg/L		108	75 - 125	2	20

Lab Sample ID: 860-109705-5 MSD

Matrix: Water

Analysis Batch: 260826

Client Sample ID: SP-32

Prep Type: Total/NA

Prep Batch: 260042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	10.3		0.100	9.875	4	mg/L		-419	75 - 125	1	20
Calcium	566		2.50	575.6	4	mg/L		372	75 - 125	0	20
Sodium	2420		2.50	2385	4	mg/L		-1472	75 - 125	1	20

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

HPLC/IC

Analysis Batch: 259499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	300.0	
860-109705-2 - DL	SP-01	Total/NA	Water	300.0	
860-109705-5	SP-32	Total/NA	Water	300.0	
860-109705-5 - DL	SP-32	Total/NA	Water	300.0	
MB 860-259499/3	Method Blank	Total/NA	Water	300.0	
LCS 860-259499/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-259499/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-259499/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Filtration Batch: 259967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-259967/8-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-259967/9-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-259967/10-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 260042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	3010A	
860-109705-5	SP-32	Total/NA	Water	3010A	
MB 860-260042/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-260042/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-260042/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-109705-5 MS	SP-32	Total/NA	Water	3010A	
860-109705-5 MSD	SP-32	Total/NA	Water	3010A	

Prep Batch: 260043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	3010A	
860-109705-5	SP-32	Total/NA	Water	3010A	
MB 860-259967/8-B	Method Blank	Total/NA	Water	3010A	259967
LCS 860-259967/9-B	Lab Control Sample	Total/NA	Water	3010A	259967
LCSD 860-259967/10-B	Lab Control Sample Dup	Total/NA	Water	3010A	259967

Analysis Batch: 260168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	6010D	260043
860-109705-5	SP-32	Total/NA	Water	6010D	260043
MB 860-259967/8-B	Method Blank	Total/NA	Water	6010D	260043
LCS 860-259967/9-B	Lab Control Sample	Total/NA	Water	6010D	260043
LCSD 860-259967/10-B	Lab Control Sample Dup	Total/NA	Water	6010D	260043

Analysis Batch: 260519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	6020A	260042
860-109705-5	SP-32	Total/NA	Water	6020A	260042
MB 860-260042/1-A	Method Blank	Total/NA	Water	6020A	260042
LCS 860-260042/2-A	Lab Control Sample	Total/NA	Water	6020A	260042
LCSD 860-260042/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	260042
860-109705-5 MS	SP-32	Total/NA	Water	6020A	260042

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Metals (Continued)

Analysis Batch: 260519 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-5 MSD	SP-32	Total/NA	Water	6020A	260042

Analysis Batch: 260826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109705-2	SP-01	Total/NA	Water	6020A	260042
860-109705-5	SP-32	Total/NA	Water	6020A	260042
MB 860-260042/1-A	Method Blank	Total/NA	Water	6020A	260042
LCS 860-260042/2-A	Lab Control Sample	Total/NA	Water	6020A	260042
LCSD 860-260042/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	260042
860-109705-5 MS	SP-32	Total/NA	Water	6020A	260042
860-109705-5 MSD	SP-32	Total/NA	Water	6020A	260042

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Client Sample ID: SP-01

Lab Sample ID: 860-109705-2

Date Collected: 08/20/25 10:00

Matrix: Water

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	300.0		5			259499	09/04/25 20:17	A1S	EET HOU
Total/NA	Analysis	300.0	DL	50			259499	09/04/25 20:23	A1S	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	260043	09/05/25 09:21	MD	EET HOU
Total/NA	Analysis	6010D		1			260168	09/05/25 15:43	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	260042	09/05/25 09:16	MD	EET HOU
Total/NA	Analysis	6020A		10			260519	09/06/25 01:05	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	260042	09/05/25 09:16	MD	EET HOU
Total/NA	Analysis	6020A		100			260826	09/09/25 13:29	DP	EET HOU

Client Sample ID: SP-32

Lab Sample ID: 860-109705-5

Date Collected: 08/20/25 09:15

Matrix: Water

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	300.0		5			259499	09/04/25 20:30	A1S	EET HOU
Total/NA	Analysis	300.0	DL	50			259499	09/04/25 20:36	A1S	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	260043	09/05/25 09:33	MD	EET HOU
Total/NA	Analysis	6010D		1			260168	09/05/25 16:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	260042	09/05/25 09:16	MD	EET HOU
Total/NA	Analysis	6020A		10			260519	09/06/25 00:28	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	260042	09/05/25 09:16	MD	EET HOU
Total/NA	Analysis	6020A		100			260826	09/09/25 13:19	DP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

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
6020A	3010A	Water	Calcium

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109705-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109705-2	SP-01	Water	08/20/25 10:00	08/21/25 08:54	Texas
860-109705-5	SP-32	Water	08/20/25 09:15	08/21/25 08:54	Texas

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-109705-2

Login Number: 109705

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

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.	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

DATA USABILITY SUMMARY

August 2025 Sampling Event (Job ID: 860-109712-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **fourteen groundwater samples collected from the Ash Ponds on 20 August 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). The majority of analyses were conducted by EET HOU, while the Radium analyses were conducted by the Eurofins St. Louis, Missouri (EET SL) laboratory. GSI certifies that at the time the laboratory data were generated for the project, EET HOU and EET SL were National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215 and T104704193, respectively) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU and EET SL's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 300.0 – Anions, Ion Chromatography
- Method 6020A – Metals (Inductively Coupled Plasma [ICP]/Mass Spectrometry[MS])
- Method 7470A – Mercury (Cold Vapor Atomic Absorption [CVAA] Spectroscopy)
- Method SM2320B – Alkalinity
- Method SM2540C – Total Dissolved Solids (TDS)
- Method 904.0 – Radium-228 (GFPC)
- Method SM7500 Ra B – Radium-226

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

¹ Eleven samples plus one field duplicate, one field blank and one equipment blank.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Fourteen (14) water samples were submitted to the laboratory, and all requested analyses were completed, with exceptions noted below. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	MS/MSD		LCS/LCSD		Lab Dup RPD	Field Precision RPD
	% R	RPD/RER	% R	RPD		
Metals	75 – 125	20	80 – 120	20	-	≤ 30%
Inorganic Anions	90 – 110	15	90 – 110	20	-	≤ 30%
Alkalinity	-	-	85 – 115	20	20	≤ 30%
Total Dissolved Solids (TDS)	-	-	80 – 120	-	10	≤ 30%
Radium-228	60 – 140	1	75 – 125	-	-	≤ 30%
Radium-226	80 – 120	1	90 – 110	-	-	≤ 30%

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times, with exceptions noted below. Items related to the C-O-C are also listed below.

- The sample identified as Dup-02 on the C-O-C is a field duplicate of sample MW-03.

Items related to sample preparation are listed below.

- Samples PZ-02, PZ-03, AP-31, AP-32, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06, Dup-02, FB-02, and EB-01 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples AP-32, AP-33, and PZ-06 by Method 6010D were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples AP-31, AP-32, PZ-03, AP-36, MW-03, and AP-33 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

The following issues were noted with the laboratory calibrations in the LCN or lab report:

- For Method 300.0, the continuing calibration blank (CCB) for analytical batch 860-257996 contained Sulfate greater than the MDL and were not reanalyzed because associated sample results were greater than 10X the value found in the CCB.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues were noted with the laboratory blanks in the LCN or lab report.

Field Blanks

The following issues were noted with the blank collected in the field:

- Chloride, Sulfate, Barium, Boron, Calcium, Potassium, Magnesium, Sodium, Total Dissolved Solids (TDS), and Radium-226 were detected in the Field Blank at concentrations above the MDL. The field blank sample (FB-02) consists of distilled water that is exposed to ambient air on the day of sample collection. Most field samples collected contained concentrations of Sulfate, Boron, and Radium-226 that were greater than 5X the associated field blank concentration and did not require qualifiers. Samples AP-31, AP-32, AP-36, PZ-05, PZ-06, and Dup-02 were detected for concentrations of Radium-226 less than 5X the field blank concentration and were therefore given "JH" flags. Samples PZ-02, PZ-03, AP-31, AP-32, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06, and Dup-02 were detected for concentrations of TDS less than 5X the field blank concentration and were therefore given "JH" flags.
- Chloride, Sulfate, Boron, Total Dissolved Solids, and Radium-226 were detected in the Equipment Blank at concentrations above the MDL. The equipment blank sample (EB-01) consists of distilled water that was poured over decontaminated non-dedicated sampling equipment. All field samples collected contained concentrations of Chloride, Sulfate, Boron, and Total Dissolved Solids that were greater than 5X the associated equipment blank concentration and did not require qualifiers. Samples AP-31, AP-32, AP-36, PZ-05,

PZ-06, and Dup-02 were detected for concentrations of Radium-226 less than 5X the equipment blank concentration and were therefore given “JH” flags.

Finding: “JH” flags were given to the Radium-226 results for samples AP-31, AP-32, AP-36, PZ-05, PZ-06, and Dup-02 per this evaluation. “JH” flags were given to the TDS results for samples PZ-02, PZ-03, AP-31, AP-32, AP-33, AP-34, AP-35, AP-36, MW-03, PZ-05, PZ-06, and Dup-02 per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- The recoveries for analytical batch 257996 analyzed using sample PZ-03 were outside control limits for Chloride (MS) and Sulfate (MS). Recovery of Chloride in the MS sample was 114%, above the desired range of 90-110%. Recovery of Sulfate in the MS sample was 115%, above the desired range of 90-110%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.
- The recoveries for preparation batch 257813 and analytical batch 258464 analyzed using sample PZ-03 were outside control limits for Beryllium (MSD), Cadmium (MS/MSD), Calcium (MS/MSD), Cobalt (MS/MSD), Magnesium (MS/MSD) and Potassium (MS/MSD). Recovery of Beryllium in the MSD sample was 71%, below the desired range of 75-125%. Recoveries of Cadmium in the MS/MSD samples were 49% and 41%, respectively, below the desired range of 75-125%. Recoveries of Calcium in the MS/MSD samples were -4104% and -5122%, respectively, below the desired range of 75-125%. Recoveries of Cobalt in the MS/MSD samples were 4% and -59, respectively, below the desired range of 75-125%. Recoveries of Magnesium in the MS/MSD samples were -908% and -1568%, respectively, below the desired range of 75-125%. Recoveries of Potassium in the MS/MSD samples were -79% and -194%, respectively, below the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.

- The recoveries for preparation batch 257813 and analytical batch 258748 using sample PZ-03 were outside control limits for Boron (MS/MSD) and Sodium (MS/MSD). Recoveries of Boron in the MS/MSD samples were -8% and 718%, respectively, outside of the desired range of 75-125%. Recoveries of Sodium in the MS/MSD samples were 2286% and 8715%, respectively, above the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no additional qualifiers were added as part of this evaluation.

Findings: No qualifiers were added per this evaluation.

Charge Imbalance

The results for all collected samples were evaluated for charge imbalance. All samples were within the desired range of $<\pm 10\%$; therefore, all results were accepted and no qualifiers were required.

Finding: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

One field duplicate, identified as Dup-02, was collected with sample MW-03. Results indicate that most RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes with concentrations less than five times the MQL. RPDs for Beryllium, Boron, Cadmium, Chromium, and Cobalt between the parent and duplicate sample results were greater than the TCEQ-recommended maximum of 30% for concentrations greater than five times the MQL. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: "J" flags were given to the Beryllium, Boron, Cadmium, Chromium, Cobalt, and Radium-226 results for sample MW-03 and the Beryllium, Boron, Cadmium, and Cobalt results for sample Dup-02 per this evaluation. The Chromium result for sample Dup-02 already had a "J" flag from the laboratory due to the result being less than the RL but greater than the MDL. "J" flags would have been given to the Radium-226 results for sample Dup-02 per this evaluation, but it already received a "JH" flags due to field blank detections.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. In addition, qualifiers were added based on this review and evaluation (see Table 3).

REFERENCES

- GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
- TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
08/20/2025	EET HOU/ EET SL	860-109712-1	PZ-02	Water
08/20/2025	EET HOU/ EET SL	860-109712-2	PZ-03	Water
08/20/2025	EET HOU/ EET SL	860-109712-3	AP-31	Water
08/20/2025	EET HOU/ EET SL	860-109712-4	AP-32	Water
08/20/2025	EET HOU/ EET SL	860-109712-5	AP-33	Water
08/20/2025	EET HOU/ EET SL	860-109712-6	AP-34	Water
08/20/2025	EET HOU/ EET SL	860-109712-7	AP-35	Water
08/20/2025	EET HOU/ EET SL	860-109712-8	AP-36	Water
08/20/2025	EET HOU/ EET SL	860-109712-9	MW-03	Water
08/20/2025	EET HOU/ EET SL	860-109712-10	PZ-05	Water
08/20/2025	EET HOU/ EET SL	860-10971211	PZ-06	Water
08/20/2025	EET HOU/ EET SL	860-109712-12	Dup-02	Water
08/20/2025	EET HOU/ EET SL	860-109712-13	FB-02	Water
08/20/2025	EET HOU/ EET SL	860-109712-14	EB-02	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas; EET SL: Eurofins St. Louis, Earth City, Missouri

TABLE 2
Field Duplicate Detections

Analyte	MDL (mg/L)	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference (RPD)
Antimony	0.00375	<0.00375	<0.0075	0.0
Arsenic	0.00345	0.0168 J	0.0248	38.5
Barium	0.00671	0.00943 J	0.0107 J	12.6
Beryllium	0.00136	0.0182	0.0286	44.4
Bicarbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Boron	0.401	8.38	14.2	51.6
Cadmium	0.0012	0.0319	0.0484	41.1
Calcium	3.01	535	561	4.7
Carbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Chloride	2.50	2000	1860	7.3
Chromium	0.0028	0.0277	0.0192 J	36.2
Cobalt	0.00178	0.223	0.354	45.4
Fluoride	1.00	1	1	0.0
Hydroxide Alkalinity	4.00	<4.00	<4.00	0.0
Lead	0.00184	<0.00184	<0.00184	0.0
Lithium	0.0174	1.85	1.64	12.0
Magnesium	0.0819	107	111	3.7
Mercury	0.0000706	<0.0000706	<0.0000706	0.0
Molybdenum	0.00128	<0.00128	<0.00128	0.0
Potassium	2.20	37.6	38	1.1
Radium-226 (pCi/L)	28.2	<18.5	72.4	118.6
Radium-228 (pCi/L)	40.7	<-1.53	<10.9	0.0
Selenium	0.00295	0.00295	0.00365	21.2
Sodium	5.64	2160	2200	1.8
Sulfate	2.00	3970	4040	1.7
Thallium	0.00208	<0.00208	<0.00208	0.0
Total Alkalinity	4.00	<4.00	<4.00	0.0
Total Dissolved Solids	100	9280	8500	8.8

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. < = analyte not detected at the stated limit; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value; ^2 = calibration blank is outside acceptance limits
5. CaCO₃: Calcium carbonate

TABLE 3
Qualifiers Added During Data Usability Review

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
AP-31	Radium-226	42.2	pCi/L	JH	Detected result within 5X field blank concentration	736228	860-109712-1
AP-32	Radium-226	58.9	pCi/L	JH	Detected result within 5X field blank concentration	736220	860-109712-1
AP-36	Radium-226	29.8	pCi/L	JH	Detected result within 5X field blank concentration	736220	860-109712-1
PZ-05	Radium-226	40.5	pCi/L	JH	Detected result within 5X field blank concentration	736228	860-109712-1
PZ-06	Radium-226	58.8	pCi/L	JH	Detected result within 5X field blank concentration	736228	860-109712-1
Dup-02	Radium-226	72.4	pCi/L	JH	Detected result within 5X field blank concentration	736225	860-109712-1
PZ-02	TDS	10500	mg/L	JH	Detected result within 5X field blank concentration	258214	860-109712-1
PZ-03	TDS	16200	mg/L	JH	Detected result within 5X field blank concentration	258214	860-109712-1
AP-31	TDS	8250	mg/L	JH	Detected result within 5X field blank concentration	258214	860-109712-1
AP-32	TDS	9430	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
AP-33	TDS	10700	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
AP-34	TDS	9440	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
AP-35	TDS	8840	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
AP-36	TDS	5550	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
MW-03	TDS	9280	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
PZ-05	TDS	8250	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
PZ-06	TDS	7370	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
Dup-02	TDS	8500	mg/L	JH	Detected result within 5X field blank concentration	258241	860-109712-1
Dup-02	Beryllium	0.0286	mg/L	J	RPD outside specifications and detected result >5X MQL	260518	860-109712-1
Dup-02	Boron	14.2	mg/L	J	RPD outside specifications and detected result >5X MQL	260826	860-109712-1
Dup-02	Cadmium	0.0484	mg/L	J	RPD outside specifications and detected result >5X MQL	260518	860-109712-1
Dup-02	Cobalt	0.354	mg/L	J	RPD outside specifications and detected result >5X MQL	260518	860-109712-1
MW-03	Beryllium	0.0182	mg/L	J	RPD outside specifications and detected result >5X MQL	258464	860-109712-1
MW-03	Boron	8.38	mg/L	J	RPD outside specifications and detected result >5X MQL	258748	860-109712-1
MW-03	Cadmium	0.0319	mg/L	J	RPD outside specifications and detected result >5X MQL	258464	860-109712-1
MW-03	Chromium	0.0277	mg/L	J	RPD outside specifications and detected result >5X MQL	258464	860-109712-1
MW-03	Cobalt	0.223	mg/L	J	RPD outside specifications and detected result >5X MQL	258464	860-109712-1
MW-03	Radium-226	18.5	pCi/L	J	RPD outside specifications and detected result >5X MQL	736227	860-109712-1

Notes:

1. mg/L: milligrams per liter; pCi/L: picocuries per liter
2. JH: estimated value, biased high
3. J: estimated value

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 08/26/2025
Expiration Date: 06/30/2026
Certificate ID: TX-C25-00241

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, reading "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/26/2025



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North,
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2025
Expiration Date: 07/31/2026
Certificate ID: TX-C25-00207

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-109712-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 9/19/2025 3:44:08 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op

JOB NUMBER

860-109712-1

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 3:44:08 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Detection Summary	9
Client Sample Results	15
QC Sample Results	29
QC Association Summary	44
Lab Chronicle	52
Certification Summary	59
Method Summary	60
Sample Summary	61
Chain of Custody	62
Receipt Checklists	64



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Qualifiers

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
U	Indicates the analyte was analyzed for but not detected.

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

Eurofins Houston

Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Job ID: 860-109712-1

Eurofins Houston

Job Narrative 860-109712-1

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 8/21/2025 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 6 coolers at receipt time were 2.1°C, 2.6°C, 2.9°C, 3.1°C, 3.2°C and 4.5°C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): PZ-03 (860-109712-2[MS]) and PZ-03 (860-109712-2[MSD]). The container labels and COC lists PZ-03 (MS) while PZ-03 was logged. This can be confirmed the correct sample and just logged as the MS/MSD and not added to the sample ID.

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.: Dup-04 (860-109708-5), IT Well (860-109708-6), PZ-03 (860-109712-2[MS]), PZ-03 (860-109712-2[MSD]), AP-33 (860-109712-5), MW-03 (860-109712-9) and Dup-02 (860-109712-12).

Affected containers:

F-5, E-6, F-9,
F-12, H-2 MS,
F-2 MSD, G-2 MSD

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted due to the nature of the sample matrix: PZ-02 (860-109712-1), PZ-03 (860-109712-2), AP-31 (860-109712-3), AP-32 (860-109712-4), AP-33 (860-109712-5), AP-34 (860-109712-6), AP-35 (860-109712-7), AP-36 (860-109712-8), MW-03 (860-109712-9), PZ-05 (860-109712-10), PZ-06 (860-109712-11), Dup-02 (860-109712-12), FB-02 (860-109712-13) and EB-01 (860-109712-14). 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 matrix spike (MS) recoveries for Chloride analytical batch 860-257996 was 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 sample was diluted to bring the concentration of Chloride within the calibration range: PZ-03 (860-109712-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike (MS) recoveries for Sulfate analytical batch 860-257996 was 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 following samples were diluted due to the nature of the sample matrix: AP-32 (860-109712-4), AP-33

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Job ID: 860-109712-1 (Continued)

Eurofins Houston

(860-109712-5) and PZ-06 (860-109712-11). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: AP-31 (860-109712-3) and AP-32 (860-109712-4). Elevated reporting limits (RLs) are provided.

Method 6020A: The following sample was diluted due to the nature of the sample matrix: PZ-03 (860-109712-2). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-257813 and analytical batch 860-258464 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: AP-36 (860-109712-8) and MW-03 (860-109712-9). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-257813 and analytical batch 860-258748 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following sample was diluted due to the nature of the sample matrix: AP-33 (860-109712-5). 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.

General Chemistry

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

Gamma Spectroscopy

Method 901.1_Ra: Gamma Batch 733737

The detection goal of 50.0 pCi/L was not met for Ra-226 and/or Ra-228 for the following samples. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the is well below the RL and MDC.

PZ-02 (860-109712-1), PZ-03 (860-109712-2), AP-31 (860-109712-3), AP-32 (860-109712-4), AP-33 (860-109712-5), AP-34 (860-109712-6), AP-35 (860-109712-7), MW-03 (860-109712-9), PZ-05 (860-109712-10), FB-02 (860-109712-13) and EB-01 (860-109712-14)

Method 901.1_Ra: Gamma Batch 733737

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Job ID: 860-109712-1 (Continued)

Eurofins Houston

Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

PZ-02 (860-109712-1), PZ-03 (860-109712-2), AP-31 (860-109712-3), AP-32 (860-109712-4), AP-33 (860-109712-5), AP-34 (860-109712-6), AP-35 (860-109712-7), AP-36 (860-109712-8), MW-03 (860-109712-9), PZ-05 (860-109712-10), PZ-06 (860-109712-11), Dup-02 (860-109712-12), FB-02 (860-109712-13), EB-01 (860-109712-14) and (860-109712-G-2-C DU)

Method 901.1_Ra: Gamma Batch 733737

The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-228. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-733737/1-A).

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-02

Lab Sample ID: 860-109712-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3820		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2780		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.77		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.00357	J	0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0421		0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.00153	J	0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	8.56		0.500	0.200	mg/L	50		6020A	Total/NA
Calcium	639		5.00	1.50	mg/L	50		6020A	Total/NA
Chromium	0.00641	J	0.0200	0.00280	mg/L	5		6020A	Total/NA
Cobalt	0.00653	J	0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	40.7		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	102		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	2770		20.0	11.3	mg/L	200		6020A	Total/NA
Lead	0.00390	J	0.0100	0.00184	mg/L	5		6020A	Total/NA
Total Alkalinity	79.1		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	79.1		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	10500		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: PZ-03

Lab Sample ID: 860-109712-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	4.04	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3290		5.00	2.00	mg/L	10		300.0	Total/NA
Chloride - DL	5790		50.0	25.0	mg/L	100		300.0	Total/NA
Lithium	1.76		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0625		0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0257		0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.259	F1	0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	9.41		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.497		0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	916		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	1.30		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	30.9		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	286		10.0	1.64	mg/L	100		6020A	Total/NA
Sodium	3420		10.0	5.64	mg/L	100		6020A	Total/NA
Lead	0.00184	J	0.0100	0.00184	mg/L	5		6020A	Total/NA
Antimony	0.0147		0.0100	0.00375	mg/L	5		6020A	Total/NA
Selenium	0.0268		0.0100	0.00295	mg/L	5		6020A	Total/NA
Thallium	0.0110		0.0100	0.00208	mg/L	5		6020A	Total/NA
Mercury	0.00259		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	16200		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-31

Lab Sample ID: 860-109712-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2460		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2700		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.615		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0122	J	0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0152	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.0125		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	69.3		4.00	1.60	mg/L	400		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-31 (Continued)

Lab Sample ID: 860-109712-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.00506	J	0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	662		40.0	12.0	mg/L	400		6020A	Total/NA
Cobalt	0.242		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	11.5		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	74.2		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	1860		40.0	22.6	mg/L	400		6020A	Total/NA
Selenium	0.0166		0.0100	0.00295	mg/L	5		6020A	Total/NA
Thallium	0.00254	J	0.0100	0.00208	mg/L	5		6020A	Total/NA
Mercury	0.000450		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	8250		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-32

Lab Sample ID: 860-109712-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2740		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	1.18	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3510		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.62		0.400	0.174	mg/L	10		6010D	Total/NA
Arsenic	0.0444		0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0161	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.0635		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	29.7		2.00	0.801	mg/L	200		6020A	Total/NA
Cadmium	0.0765		0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	645		20.0	6.01	mg/L	200		6020A	Total/NA
Cobalt	0.553		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	34.4		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	90.8		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	2410		20.0	11.3	mg/L	200		6020A	Total/NA
Selenium	0.00401	J	0.0100	0.00295	mg/L	5		6020A	Total/NA
Thallium	0.00463	J	0.0100	0.00208	mg/L	5		6020A	Total/NA
Mercury	0.00160		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	9430		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: AP-33

Lab Sample ID: 860-109712-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3740		5.00	2.50	mg/L	10		300.0	Total/NA
Fluoride	4.93	J	5.00	1.00	mg/L	10		300.0	Total/NA
Sulfate	3460		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.26		0.400	0.174	mg/L	10		6010D	Total/NA
Arsenic	0.0642		0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0174	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.275		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	60.6		5.00	2.00	mg/L	500		6020A	Total/NA
Cadmium	0.0782		0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	674		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	1.02		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	27.8		10.0	2.20	mg/L	100		6020A	Total/NA
Magnesium	189		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	2660		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.00434	J	0.0100	0.00295	mg/L	5		6020A	Total/NA
Thallium	0.00520	J	0.0100	0.00208	mg/L	5		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-33 (Continued)

Lab Sample ID: 860-109712-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Mercury	0.00401		0.000200	0.0000706	mg/L	1			7470A	Total/NA
Total Dissolved Solids	10700		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: AP-34

Lab Sample ID: 860-109712-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2830		5.00	2.50	mg/L	10			300.0	Total/NA
Fluoride	6.62		5.00	1.00	mg/L	10			300.0	Total/NA
Sulfate	3380		5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	1.00		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0525		0.0200	0.00345	mg/L	5			6020A	Total/NA
Barium	0.0153	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Beryllium	0.276		0.0100	0.00136	mg/L	5			6020A	Total/NA
Boron	22.6		1.00	0.401	mg/L	100			6020A	Total/NA
Cadmium	0.0168		0.0100	0.00120	mg/L	5			6020A	Total/NA
Calcium	707		5.00	1.50	mg/L	50			6020A	Total/NA
Chromium	0.00360	J	0.0200	0.00280	mg/L	5			6020A	Total/NA
Cobalt	0.994		0.0100	0.00178	mg/L	5			6020A	Total/NA
Potassium	18.5		10.0	2.20	mg/L	100			6020A	Total/NA
Magnesium	156		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	1860		10.0	5.64	mg/L	100			6020A	Total/NA
Mercury	0.00396		0.000200	0.0000706	mg/L	1			7470A	Total/NA
Total Dissolved Solids	9440		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: AP-35

Lab Sample ID: 860-109712-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2300		5.00	2.50	mg/L	10			300.0	Total/NA
Fluoride	9.79		5.00	1.00	mg/L	10			300.0	Total/NA
Sulfate	3300		5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	1.13		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0203		0.0200	0.00345	mg/L	5			6020A	Total/NA
Barium	0.0213		0.0200	0.00671	mg/L	5			6020A	Total/NA
Beryllium	0.287		0.0100	0.00136	mg/L	5			6020A	Total/NA
Boron	4.82		0.500	0.200	mg/L	50			6020A	Total/NA
Calcium	619		5.00	1.50	mg/L	50			6020A	Total/NA
Cobalt	0.0168		0.0100	0.00178	mg/L	5			6020A	Total/NA
Potassium	56.5		5.00	1.10	mg/L	50			6020A	Total/NA
Magnesium	176		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	1870		5.00	2.82	mg/L	50			6020A	Total/NA
Thallium	0.00375	J	0.0100	0.00208	mg/L	5			6020A	Total/NA
Mercury	0.000255		0.000200	0.0000706	mg/L	1			7470A	Total/NA
Total Dissolved Solids	8840		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: AP-36

Lab Sample ID: 860-109712-8

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
Sulfate	2850		5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	0.946		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.00479	J	0.0200	0.00345	mg/L	5			6020A	Total/NA
Barium	0.0178	J	0.0200	0.00671	mg/L	5			6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-36 (Continued)

Lab Sample ID: 860-109712-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Beryllium	0.00887	J	0.0100	0.00136	mg/L	5			6020A	Total/NA
Boron	2.43		0.500	0.200	mg/L	50			6020A	Total/NA
Calcium	609		5.00	1.50	mg/L	50			6020A	Total/NA
Cobalt	0.0551		0.0100	0.00178	mg/L	5			6020A	Total/NA
Potassium	36.3		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	104		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	1330		5.00	2.82	mg/L	50			6020A	Total/NA
Total Dissolved Solids	5550		40.0	40.0	mg/L	1			SM 2540C	Total/NA

Client Sample ID: MW-03

Lab Sample ID: 860-109712-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2000		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	3970		5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	1.85		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0168	J	0.0200	0.00345	mg/L	5			6020A	Total/NA
Barium	0.00943	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Beryllium	0.0182		0.0100	0.00136	mg/L	5			6020A	Total/NA
Boron	8.38		1.00	0.401	mg/L	100			6020A	Total/NA
Cadmium	0.0319		0.0100	0.00120	mg/L	5			6020A	Total/NA
Calcium	535		10.0	3.01	mg/L	100			6020A	Total/NA
Chromium	0.0277		0.0200	0.00280	mg/L	5			6020A	Total/NA
Cobalt	0.223		0.0100	0.00178	mg/L	5			6020A	Total/NA
Potassium	37.6		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	107		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	2190		10.0	5.64	mg/L	100			6020A	Total/NA
Total Dissolved Solids	9280		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: PZ-05

Lab Sample ID: 860-109712-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2280		5.00	2.50	mg/L	10			300.0	Total/NA
Fluoride	2.86	J	5.00	1.00	mg/L	10			300.0	Total/NA
Sulfate	3140		5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	0.689		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0499		0.0200	0.00345	mg/L	5			6020A	Total/NA
Barium	0.0133	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Beryllium	0.232		0.0100	0.00136	mg/L	5			6020A	Total/NA
Boron	30.5		1.00	0.401	mg/L	100			6020A	Total/NA
Cadmium	0.0554		0.0100	0.00120	mg/L	5			6020A	Total/NA
Calcium	619		5.00	1.50	mg/L	50			6020A	Total/NA
Cobalt	0.839		0.0100	0.00178	mg/L	5			6020A	Total/NA
Potassium	20.7		10.0	2.20	mg/L	100			6020A	Total/NA
Magnesium	128		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	1860		10.0	5.64	mg/L	100			6020A	Total/NA
Thallium	0.00260	J	0.0100	0.00208	mg/L	5			6020A	Total/NA
Mercury	0.000136	J	0.000200	0.0000706	mg/L	1			7470A	Total/NA
Total Dissolved Solids	8250		100	100	mg/L	1			SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-06

Lab Sample ID: 860-109712-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2070		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2760		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.16		0.400	0.174	mg/L	10		6010D	Total/NA
Barium	0.0220		0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.00792	J	0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	3.28		0.500	0.200	mg/L	50		6020A	Total/NA
Calcium	690		5.00	1.50	mg/L	50		6020A	Total/NA
Cobalt	0.00684	J	0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	47.3		5.00	1.10	mg/L	50		6020A	Total/NA
Magnesium	120		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	1670		5.00	2.82	mg/L	50		6020A	Total/NA
Total Alkalinity	67.1		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	67.1		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7370		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-02

Lab Sample ID: 860-109712-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1860		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	4040		5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	1.64		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0248		0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0107	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.0286		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	14.2		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.0484		0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	561		10.0	3.01	mg/L	100		6020A	Total/NA
Chromium	0.0192	J	0.0200	0.00280	mg/L	5		6020A	Total/NA
Cobalt	0.354		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	38.0		10.0	2.20	mg/L	100		6020A	Total/NA
Magnesium	111		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	2270		10.0	5.64	mg/L	100		6020A	Total/NA
Selenium	0.00365	J	0.0100	0.00295	mg/L	5		6020A	Total/NA
Total Dissolved Solids	8500		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-02

Lab Sample ID: 860-109712-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.71	J	5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2.41	J	5.00	2.00	mg/L	10		300.0	Total/NA
Barium	0.00235	J	0.00400	0.00134	mg/L	1		6020A	Total/NA
Boron	0.0518		0.0100	0.00401	mg/L	1		6020A	Total/NA
Calcium	1.03		0.100	0.0301	mg/L	1		6020A	Total/NA
Potassium	0.426		0.100	0.0220	mg/L	1		6020A	Total/NA
Magnesium	0.104		0.100	0.0164	mg/L	1		6020A	Total/NA
Sodium	2.85		0.100	0.0564	mg/L	1		6020A	Total/NA
Total Dissolved Solids	13800		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-01

Lab Sample ID: 860-109712-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.72	J	5.00	2.50	mg/L	10		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: EB-01 (Continued)

Lab Sample ID: 860-109712-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	2.34	J	5.00	2.00	mg/L	10		300.0	Total/NA
Boron	0.00448	J	0.0100	0.00401	mg/L	1		6020A	Total/NA
Total Dissolved Solids	18.5		5.00	5.00	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-02

Lab Sample ID: 860-109712-1

Date Collected: 08/20/25 10:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3820		5.00	2.50	mg/L			08/27/25 22:10	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 22:10	10
Sulfate	2780		5.00	2.00	mg/L			08/27/25 22:10	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.77		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:07	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00357	J	0.0200	0.00345	mg/L		08/26/25 12:59	08/28/25 07:02	5
Barium	0.0421		0.0200	0.00671	mg/L		08/26/25 12:59	08/28/25 07:02	5
Beryllium	0.00153	J	0.0100	0.00136	mg/L		08/26/25 12:59	08/28/25 07:02	5
Boron	8.56		0.500	0.200	mg/L		08/26/25 12:59	08/28/25 16:21	50
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 12:59	08/28/25 07:02	5
Calcium	639		5.00	1.50	mg/L		08/26/25 12:59	08/28/25 07:05	50
Chromium	0.00641	J	0.0200	0.00280	mg/L		08/26/25 12:59	08/28/25 07:02	5
Cobalt	0.00653	J	0.0100	0.00178	mg/L		08/26/25 12:59	08/28/25 07:02	5
Potassium	40.7		0.500	0.110	mg/L		08/26/25 12:59	08/28/25 07:02	5
Magnesium	102		0.500	0.0819	mg/L		08/26/25 12:59	08/28/25 07:02	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/26/25 12:59	08/28/25 07:02	5
Sodium	2770		20.0	11.3	mg/L		08/26/25 12:59	08/29/25 17:00	200
Lead	0.00390	J	0.0100	0.00184	mg/L		08/26/25 12:59	08/28/25 07:02	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 12:59	08/28/25 07:02	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 12:59	08/28/25 07:02	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 12:59	08/28/25 07:02	5

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		09/12/25 16:09	09/12/25 22:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	79.1		4.00	4.00	mg/L			08/28/25 15:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	79.1		4.00	4.00	mg/L			08/28/25 15:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:12	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:12	1
Total Dissolved Solids (SM 2540C)	10500		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.85	U G			50.0	61.4	pCi/L	08/26/25 19:11	09/16/25 16:04	1
Radium-228	-16.0	U G			50.0	60.7	pCi/L	08/26/25 19:11	09/16/25 16:04	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-03

Lab Sample ID: 860-109712-2

Date Collected: 08/20/25 11:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	4.04	J	5.00	1.00	mg/L			08/27/25 22:35	10
Sulfate	3290		5.00	2.00	mg/L			08/27/25 22:35	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5790		50.0	25.0	mg/L			08/27/25 22:42	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.76		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 16:52	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0625		0.0200	0.00345	mg/L		08/26/25 12:59	08/28/25 05:11	5
Barium	0.0257		0.0200	0.00671	mg/L		08/26/25 12:59	08/28/25 05:11	5
Beryllium	0.259	F1	0.0100	0.00136	mg/L		08/26/25 12:59	08/28/25 05:11	5
Boron	9.41		1.00	0.401	mg/L		08/26/25 12:59	08/28/25 16:01	100
Cadmium	0.497		0.0100	0.00120	mg/L		08/26/25 12:59	08/28/25 05:11	5
Calcium	916		10.0	3.01	mg/L		08/26/25 12:59	08/28/25 05:15	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 12:59	08/28/25 05:11	5
Cobalt	1.30		0.0100	0.00178	mg/L		08/26/25 12:59	08/28/25 05:11	5
Potassium	30.9		0.500	0.110	mg/L		08/26/25 12:59	08/28/25 05:11	5
Magnesium	286		10.0	1.64	mg/L		08/26/25 12:59	08/28/25 05:15	100
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/26/25 12:59	08/28/25 05:11	5
Sodium	3420		10.0	5.64	mg/L		08/26/25 12:59	08/28/25 16:01	100
Lead	0.00184	J	0.0100	0.00184	mg/L		08/26/25 12:59	08/28/25 05:11	5
Antimony	0.0147		0.0100	0.00375	mg/L		08/26/25 12:59	08/28/25 05:11	5
Selenium	0.0268		0.0100	0.00295	mg/L		08/26/25 12:59	08/28/25 05:11	5
Thallium	0.0110		0.0100	0.00208	mg/L		08/26/25 12:59	08/28/25 05:11	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00259		0.000200	0.0000706	mg/L		09/12/25 16:09	09/12/25 22:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:18	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:18	1
Total Dissolved Solids (SM 2540C)	16200		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-9.32	U G	21.9	21.9	50.0	60.9	pCi/L	08/26/25 19:11	09/16/25 12:59	1
Radium-228	25.1	U	27.2	27.3	50.0	40.8	pCi/L	08/26/25 19:11	09/16/25 12:59	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-31

Lab Sample ID: 860-109712-3

Date Collected: 08/20/25 08:25

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2460		5.00	2.50	mg/L			08/27/25 23:01	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 23:01	10
Sulfate	2700		5.00	2.00	mg/L			08/27/25 23:01	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.615		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:09	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0122	J	0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:44	5
Barium	0.0152	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:44	5
Beryllium	0.0125		0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:44	5
Boron	69.3		4.00	1.60	mg/L		08/27/25 08:50	08/28/25 18:30	400
Cadmium	0.00506	J	0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:44	5
Calcium	662		40.0	12.0	mg/L		08/27/25 08:50	08/28/25 18:30	400
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:44	5
Cobalt	0.242		0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:44	5
Potassium	11.5		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:44	5
Magnesium	74.2		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:44	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:44	5
Sodium	1860		40.0	22.6	mg/L		08/27/25 08:50	08/28/25 18:30	400
Lead	0.00184	U	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:44	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:44	5
Selenium	0.0166		0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:44	5
Thallium	0.00254	J	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:44	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000450		0.000200	0.0000706	mg/L		09/12/25 16:09	09/12/25 22:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:21	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:21	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:21	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:21	1
Total Dissolved Solids (SM 2540C)	8250		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	42.2		18.0	18.4	50.0	21.6	pCi/L	08/26/25 19:11	09/16/25 16:05	1
Radium-228	10.9	U G	31.5	31.5	50.0	51.8	pCi/L	08/26/25 19:11	09/16/25 16:05	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-32

Lab Sample ID: 860-109712-4

Date Collected: 08/20/25 10:20

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2740		5.00	2.50	mg/L			08/27/25 23:13	10
Fluoride	1.18	J	5.00	1.00	mg/L			08/27/25 23:13	10
Sulfate	3510		5.00	2.00	mg/L			08/27/25 23:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.62		0.400	0.174	mg/L		08/26/25 13:02	08/27/25 11:43	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0444		0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:50	5
Barium	0.0161	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:50	5
Beryllium	0.0635		0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:50	5
Boron	29.7		2.00	0.801	mg/L		08/27/25 08:50	08/28/25 18:34	200
Cadmium	0.0765		0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:50	5
Calcium	645		20.0	6.01	mg/L		08/27/25 08:50	08/28/25 18:34	200
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:50	5
Cobalt	0.553		0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:50	5
Potassium	34.4		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:50	5
Magnesium	90.8		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:50	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:50	5
Sodium	2410		20.0	11.3	mg/L		08/27/25 08:50	08/28/25 18:34	200
Lead	0.00184	U	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:50	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:50	5
Selenium	0.00401	J	0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:50	5
Thallium	0.00463	J	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:50	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00160		0.000200	0.0000706	mg/L		09/12/25 16:09	09/12/25 22:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:52	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:52	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:52	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:52	1
Total Dissolved Solids (SM 2540C)	9430		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	58.9		21.1	21.9	50.0	21.6	pCi/L	08/26/25 19:11	09/16/25 18:09	1
Radium-228	23.6	U G	32.8	32.9	50.0	50.8	pCi/L	08/26/25 19:11	09/16/25 18:09	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-33

Lab Sample ID: 860-109712-5

Date Collected: 08/20/25 08:30

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3740		5.00	2.50	mg/L			08/27/25 23:26	10
Fluoride	4.93	J	5.00	1.00	mg/L			08/27/25 23:26	10
Sulfate	3460		5.00	2.00	mg/L			08/27/25 23:26	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.26		0.400	0.174	mg/L		08/26/25 13:02	08/27/25 11:45	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0642		0.0200	0.00345	mg/L		09/04/25 12:53	09/05/25 21:33	5
Barium	0.0174	J	0.0200	0.00671	mg/L		09/04/25 12:53	09/05/25 21:33	5
Beryllium	0.275		0.0100	0.00136	mg/L		09/04/25 12:53	09/05/25 21:33	5
Boron	60.6		5.00	2.00	mg/L		09/04/25 12:53	09/09/25 12:19	500
Cadmium	0.0782		0.0100	0.00120	mg/L		09/04/25 12:53	09/05/25 21:33	5
Calcium	674		10.0	3.01	mg/L		09/04/25 12:53	09/05/25 21:36	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		09/04/25 12:53	09/05/25 21:33	5
Cobalt	1.02		0.0100	0.00178	mg/L		09/04/25 12:53	09/05/25 21:33	5
Potassium	27.8		10.0	2.20	mg/L		09/04/25 12:53	09/09/25 12:16	100
Magnesium	189		0.500	0.0819	mg/L		09/04/25 12:53	09/05/25 21:33	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		09/04/25 12:53	09/05/25 21:33	5
Sodium	2660		10.0	5.64	mg/L		09/04/25 12:53	09/09/25 12:16	100
Lead	0.00184	U	0.0100	0.00184	mg/L		09/04/25 12:53	09/05/25 21:33	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		09/04/25 12:53	09/05/25 21:33	5
Selenium	0.00434	J	0.0100	0.00295	mg/L		09/04/25 12:53	09/05/25 21:33	5
Thallium	0.00520	J	0.0100	0.00208	mg/L		09/04/25 12:53	09/05/25 21:33	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00401		0.000200	0.0000706	mg/L		09/12/25 16:09	09/12/25 22:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:35	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:35	1
Total Dissolved Solids (SM 2540C)	10700		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-21.9	U G	19.2	19.3	50.0	78.1	pCi/L	08/26/25 19:11	09/16/25 18:11	1
Radium-228	-28.4	U G	34.7	34.8	50.0	68.1	pCi/L	08/26/25 19:11	09/16/25 18:11	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-34

Lab Sample ID: 860-109712-6

Date Collected: 08/20/25 09:35

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2830		5.00	2.50	mg/L			08/27/25 23:52	10
Fluoride	6.62		5.00	1.00	mg/L			08/27/25 23:52	10
Sulfate	3380		5.00	2.00	mg/L			08/27/25 23:52	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.00		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:10	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0525		0.0200	0.00345	mg/L		09/04/25 12:53	09/05/25 21:39	5
Barium	0.0153	J	0.0200	0.00671	mg/L		09/04/25 12:53	09/05/25 21:39	5
Beryllium	0.276		0.0100	0.00136	mg/L		09/04/25 12:53	09/05/25 21:39	5
Boron	22.6		1.00	0.401	mg/L		09/04/25 12:53	09/09/25 12:22	100
Cadmium	0.0168		0.0100	0.00120	mg/L		09/04/25 12:53	09/05/25 21:39	5
Calcium	707		5.00	1.50	mg/L		09/04/25 12:53	09/05/25 21:43	50
Chromium	0.00360	J	0.0200	0.00280	mg/L		09/04/25 12:53	09/05/25 21:39	5
Cobalt	0.994		0.0100	0.00178	mg/L		09/04/25 12:53	09/05/25 21:39	5
Potassium	18.5		10.0	2.20	mg/L		09/04/25 12:53	09/09/25 12:22	100
Magnesium	156		0.500	0.0819	mg/L		09/04/25 12:53	09/05/25 21:39	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		09/04/25 12:53	09/05/25 21:39	5
Sodium	1860		10.0	5.64	mg/L		09/04/25 12:53	09/09/25 12:22	100
Lead	0.00184	U	0.0100	0.00184	mg/L		09/04/25 12:53	09/05/25 21:39	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		09/04/25 12:53	09/05/25 21:39	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		09/04/25 12:53	09/05/25 21:39	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		09/04/25 12:53	09/05/25 21:39	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00396		0.000200	0.0000706	mg/L		09/12/25 16:13	09/13/25 00:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:37	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:37	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:37	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:37	1
Total Dissolved Solids (SM 2540C)	9440		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	9.25	U G	17.9	17.9	50.0	51.8	pCi/L	08/26/25 19:11	09/16/25 18:12	1
Radium-228	6.57	U	28.5	28.5	50.0	48.5	pCi/L	08/26/25 19:11	09/16/25 18:12	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-35

Lab Sample ID: 860-109712-7

Date Collected: 08/20/25 10:30

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2300		5.00	2.50	mg/L			08/28/25 00:04	10
Fluoride	9.79		5.00	1.00	mg/L			08/28/25 00:04	10
Sulfate	3300		5.00	2.00	mg/L			08/28/25 00:04	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.13		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:12	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0203		0.0200	0.00345	mg/L		09/04/25 12:53	09/05/25 21:46	5
Barium	0.0213		0.0200	0.00671	mg/L		09/04/25 12:53	09/05/25 21:46	5
Beryllium	0.287		0.0100	0.00136	mg/L		09/04/25 12:53	09/05/25 21:46	5
Boron	4.82		0.500	0.200	mg/L		09/04/25 12:53	09/09/25 12:37	50
Cadmium	0.00120	U	0.0100	0.00120	mg/L		09/04/25 12:53	09/05/25 21:46	5
Calcium	619		5.00	1.50	mg/L		09/04/25 12:53	09/05/25 21:49	50
Chromium	0.00280	U	0.0200	0.00280	mg/L		09/04/25 12:53	09/05/25 21:46	5
Cobalt	0.0168		0.0100	0.00178	mg/L		09/04/25 12:53	09/05/25 21:46	5
Potassium	56.5		5.00	1.10	mg/L		09/04/25 12:53	09/09/25 12:37	50
Magnesium	176		0.500	0.0819	mg/L		09/04/25 12:53	09/05/25 21:46	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		09/04/25 12:53	09/05/25 21:46	5
Sodium	1870		5.00	2.82	mg/L		09/04/25 12:53	09/09/25 12:37	50
Lead	0.00184	U	0.0100	0.00184	mg/L		09/04/25 12:53	09/05/25 21:46	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		09/04/25 12:53	09/05/25 21:46	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		09/04/25 12:53	09/05/25 21:46	5
Thallium	0.00375	J	0.0100	0.00208	mg/L		09/04/25 12:53	09/05/25 21:46	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000255		0.000200	0.0000706	mg/L		09/12/25 16:13	09/13/25 00:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:40	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:40	1
Total Dissolved Solids (SM 2540C)	8840		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	12.2	U G	35.2	35.2	50.0	54.6	pCi/L	08/26/25 19:11	09/16/25 18:12	1
Radium-228	33.4	U	25.2	25.4	50.0	37.4	pCi/L	08/26/25 19:11	09/16/25 18:12	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-36

Lab Sample ID: 860-109712-8

Date Collected: 08/20/25 11:15

Matrix: Water

Date Received: 08/21/25 08:54

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			08/28/25 00:17	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/28/25 00:17	10
Sulfate	2850		5.00	2.00	mg/L			08/28/25 00:17	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.946		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:15	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00479	J	0.0200	0.00345	mg/L		08/26/25 12:59	08/28/25 06:49	5
Barium	0.0178	J	0.0200	0.00671	mg/L		08/26/25 12:59	08/28/25 06:49	5
Beryllium	0.00887	J	0.0100	0.00136	mg/L		08/26/25 12:59	08/28/25 06:49	5
Boron	2.43		0.500	0.200	mg/L		08/26/25 12:59	08/28/25 16:14	50
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 12:59	08/28/25 06:49	5
Calcium	609		5.00	1.50	mg/L		08/26/25 12:59	08/28/25 06:52	50
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 12:59	08/28/25 06:49	5
Cobalt	0.0551		0.0100	0.00178	mg/L		08/26/25 12:59	08/28/25 06:49	5
Potassium	36.3		0.500	0.110	mg/L		08/26/25 12:59	08/28/25 06:49	5
Magnesium	104		0.500	0.0819	mg/L		08/26/25 12:59	08/28/25 06:49	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/26/25 12:59	08/28/25 06:49	5
Sodium	1330		5.00	2.82	mg/L		08/26/25 12:59	08/28/25 16:14	50
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 12:59	08/28/25 06:49	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 12:59	08/28/25 06:49	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 12:59	08/28/25 06:49	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 12:59	08/28/25 06:49	5

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		08/29/25 09:27	08/29/25 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:43	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:43	1
Total Dissolved Solids (SM 2540C)	5550		40.0	40.0	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	29.8		13.8	14.1	50.0	16.6	pCi/L	08/26/25 19:11	09/16/25 21:21	1
Radium-228	6.69	U	27.5	27.5	50.0	47.6	pCi/L	08/26/25 19:11	09/16/25 21:21	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: MW-03

Lab Sample ID: 860-109712-9

Date Collected: 08/20/25 09:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		5.00	2.50	mg/L			08/28/25 00:30	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/28/25 00:30	10
Sulfate	3970		5.00	2.00	mg/L			08/28/25 00:30	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.85		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:17	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0168	J	0.0200	0.00345	mg/L		08/26/25 12:59	08/28/25 06:56	5
Barium	0.00943	J	0.0200	0.00671	mg/L		08/26/25 12:59	08/28/25 06:56	5
Beryllium	0.0182		0.0100	0.00136	mg/L		08/26/25 12:59	08/28/25 06:56	5
Boron	8.38		1.00	0.401	mg/L		08/26/25 12:59	08/28/25 16:17	100
Cadmium	0.0319		0.0100	0.00120	mg/L		08/26/25 12:59	08/28/25 06:56	5
Calcium	535		10.0	3.01	mg/L		08/26/25 12:59	08/28/25 06:59	100
Chromium	0.0277		0.0200	0.00280	mg/L		08/26/25 12:59	08/28/25 06:56	5
Cobalt	0.223		0.0100	0.00178	mg/L		08/26/25 12:59	08/28/25 06:56	5
Potassium	37.6		0.500	0.110	mg/L		08/26/25 12:59	08/28/25 06:56	5
Magnesium	107		0.500	0.0819	mg/L		08/26/25 12:59	08/28/25 06:56	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/26/25 12:59	08/28/25 06:56	5
Sodium	2190		10.0	5.64	mg/L		08/26/25 12:59	08/28/25 16:17	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 12:59	08/28/25 06:56	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 12:59	08/28/25 06:56	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 12:59	08/28/25 06:56	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 12:59	08/28/25 06:56	5

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		09/12/25 16:13	09/13/25 00:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:46	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:46	1
Total Dissolved Solids (SM 2540C)	9280		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	18.5	U G	12.3	12.5	50.0	56.1	pCi/L	08/26/25 19:11	09/16/25 21:20	1
Radium-228	-1.53	U G	31.7	31.7	50.0	55.1	pCi/L	08/26/25 19:11	09/16/25 21:20	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-05

Lab Sample ID: 860-109712-10

Date Collected: 08/20/25 09:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2280		5.00	2.50	mg/L			08/28/25 00:42	10
Fluoride	2.86	J	5.00	1.00	mg/L			08/28/25 00:42	10
Sulfate	3140		5.00	2.00	mg/L			08/28/25 00:42	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.689		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:18	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0499		0.0200	0.00345	mg/L		09/04/25 12:53	09/05/25 21:52	5
Barium	0.0133	J	0.0200	0.00671	mg/L		09/04/25 12:53	09/05/25 21:52	5
Beryllium	0.232		0.0100	0.00136	mg/L		09/04/25 12:53	09/05/25 21:52	5
Boron	30.5		1.00	0.401	mg/L		09/04/25 12:53	09/09/25 12:40	100
Cadmium	0.0554		0.0100	0.00120	mg/L		09/04/25 12:53	09/05/25 21:52	5
Calcium	619		5.00	1.50	mg/L		09/04/25 12:53	09/05/25 21:56	50
Chromium	0.00280	U	0.0200	0.00280	mg/L		09/04/25 12:53	09/05/25 21:52	5
Cobalt	0.839		0.0100	0.00178	mg/L		09/04/25 12:53	09/05/25 21:52	5
Potassium	20.7		10.0	2.20	mg/L		09/04/25 12:53	09/09/25 12:40	100
Magnesium	128		0.500	0.0819	mg/L		09/04/25 12:53	09/05/25 21:52	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		09/04/25 12:53	09/05/25 21:52	5
Sodium	1860		10.0	5.64	mg/L		09/04/25 12:53	09/09/25 12:40	100
Lead	0.00184	U	0.0100	0.00184	mg/L		09/04/25 12:53	09/05/25 21:52	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		09/04/25 12:53	09/05/25 21:52	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		09/04/25 12:53	09/05/25 21:52	5
Thallium	0.00260	J	0.0100	0.00208	mg/L		09/04/25 12:53	09/05/25 21:52	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000136	J	0.000200	0.0000706	mg/L		09/12/25 16:13	09/13/25 00:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:49	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:49	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:49	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:49	1
Total Dissolved Solids (SM 2540C)	8250		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	40.5		20.6	21.0	50.0	26.6	pCi/L	08/26/25 19:11	09/16/25 21:21	1
Radium-228	18.9	U G	34.8	34.8	50.0	51.8	pCi/L	08/26/25 19:11	09/16/25 21:21	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-06

Lab Sample ID: 860-109712-11

Date Collected: 08/20/25 12:40

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2070		5.00	2.50	mg/L			08/28/25 01:08	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/28/25 01:08	10
Sulfate	2760		5.00	2.00	mg/L			08/28/25 01:08	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.16		0.400	0.174	mg/L		08/26/25 13:02	08/27/25 11:46	10

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		09/04/25 12:53	09/05/25 22:04	5
Barium	0.0220		0.0200	0.00671	mg/L		09/04/25 12:53	09/05/25 22:04	5
Beryllium	0.00792	J	0.0100	0.00136	mg/L		09/04/25 12:53	09/05/25 22:04	5
Boron	3.28		0.500	0.200	mg/L		09/04/25 12:53	09/09/25 12:44	50
Cadmium	0.00120	U	0.0100	0.00120	mg/L		09/04/25 12:53	09/05/25 22:04	5
Calcium	690		5.00	1.50	mg/L		09/04/25 12:53	09/05/25 22:07	50
Chromium	0.00280	U	0.0200	0.00280	mg/L		09/04/25 12:53	09/05/25 22:04	5
Cobalt	0.00684	J	0.0100	0.00178	mg/L		09/04/25 12:53	09/05/25 22:04	5
Potassium	47.3		5.00	1.10	mg/L		09/04/25 12:53	09/09/25 12:44	50
Magnesium	120		0.500	0.0819	mg/L		09/04/25 12:53	09/05/25 22:04	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		09/04/25 12:53	09/05/25 22:04	5
Sodium	1670		5.00	2.82	mg/L		09/04/25 12:53	09/09/25 12:44	50
Lead	0.00184	U	0.0100	0.00184	mg/L		09/04/25 12:53	09/05/25 22:04	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		09/04/25 12:53	09/05/25 22:04	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		09/04/25 12:53	09/05/25 22:04	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		09/04/25 12:53	09/05/25 22:04	5

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		09/12/25 16:13	09/13/25 00:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	67.1		4.00	4.00	mg/L			08/28/25 15:55	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	67.1		4.00	4.00	mg/L			08/28/25 15:55	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:55	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 15:55	1
Total Dissolved Solids (SM 2540C)	7370		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	58.8		22.7	23.5	50.0	28.7	pCi/L	08/26/25 19:11	09/16/25 22:30	1
Radium-228	18.8	U	31.5	31.5	50.0	44.8	pCi/L	08/26/25 19:11	09/16/25 22:30	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: Dup-02

Lab Sample ID: 860-109712-12

Date Collected: 08/20/25 10:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1860		5.00	2.50	mg/L			08/28/25 01:21	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/28/25 01:21	10
Sulfate	4040		5.00	2.00	mg/L			08/28/25 01:21	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.64		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:14	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0248		0.0200	0.00345	mg/L		09/04/25 12:53	09/05/25 22:11	5
Barium	0.0107	J	0.0200	0.00671	mg/L		09/04/25 12:53	09/05/25 22:11	5
Beryllium	0.0286		0.0100	0.00136	mg/L		09/04/25 12:53	09/05/25 22:11	5
Boron	14.2		1.00	0.401	mg/L		09/04/25 12:53	09/09/25 12:47	100
Cadmium	0.0484		0.0100	0.00120	mg/L		09/04/25 12:53	09/05/25 22:11	5
Calcium	561		10.0	3.01	mg/L		09/04/25 12:53	09/05/25 22:14	100
Chromium	0.0192	J	0.0200	0.00280	mg/L		09/04/25 12:53	09/05/25 22:11	5
Cobalt	0.354		0.0100	0.00178	mg/L		09/04/25 12:53	09/05/25 22:11	5
Potassium	38.0		10.0	2.20	mg/L		09/04/25 12:53	09/09/25 12:47	100
Magnesium	111		0.500	0.0819	mg/L		09/04/25 12:53	09/05/25 22:11	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		09/04/25 12:53	09/05/25 22:11	5
Sodium	2270		10.0	5.64	mg/L		09/04/25 12:53	09/09/25 12:47	100
Lead	0.00184	U	0.0100	0.00184	mg/L		09/04/25 12:53	09/05/25 22:11	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		09/04/25 12:53	09/05/25 22:11	5
Selenium	0.00365	J	0.0100	0.00295	mg/L		09/04/25 12:53	09/05/25 22:11	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		09/04/25 12:53	09/05/25 22:11	5

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		09/12/25 16:13	09/13/25 00:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:01	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:01	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:01	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:01	1
Total Dissolved Solids (SM 2540C)	8500		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	72.4		24.1	25.1	50.0	28.2	pCi/L	08/26/25 19:11	09/16/25 22:28	1
Radium-228	10.9	U	24.8	24.9	50.0	40.7	pCi/L	08/26/25 19:11	09/16/25 22:28	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: FB-02

Lab Sample ID: 860-109712-13

Date Collected: 08/20/25 09:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.71	J	5.00	2.50	mg/L			08/28/25 01:33	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/28/25 01:33	10
Sulfate	2.41	J	5.00	2.00	mg/L			08/28/25 01:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:27	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		09/04/25 12:53	09/05/25 22:17	1
Barium	0.00235	J	0.00400	0.00134	mg/L		09/04/25 12:53	09/05/25 22:17	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		09/04/25 12:53	09/05/25 22:17	1
Boron	0.0518		0.0100	0.00401	mg/L		09/04/25 12:53	09/09/25 12:04	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		09/04/25 12:53	09/05/25 22:17	1
Calcium	1.03		0.100	0.0301	mg/L		09/04/25 12:53	09/05/25 22:17	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		09/04/25 12:53	09/05/25 22:17	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		09/04/25 12:53	09/05/25 22:17	1
Potassium	0.426		0.100	0.0220	mg/L		09/04/25 12:53	09/09/25 12:04	1
Magnesium	0.104		0.100	0.0164	mg/L		09/04/25 12:53	09/05/25 22:17	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		09/04/25 12:53	09/05/25 22:17	1
Sodium	2.85		0.100	0.0564	mg/L		09/04/25 12:53	09/09/25 12:04	1
Lead	0.000367	U	0.00200	0.000367	mg/L		09/04/25 12:53	09/05/25 22:17	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		09/04/25 12:53	09/05/25 22:17	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		09/04/25 12:53	09/05/25 22:17	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		09/04/25 12:53	09/05/25 22:17	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		09/12/25 16:13	09/13/25 00:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:04	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:04	1
Total Dissolved Solids (SM 2540C)	13800		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	70.2		26.1	27.0	50.0	30.3	pCi/L	08/26/25 19:11	09/16/25 22:31	1
Radium-228	21.6	U G	39.7	39.8	50.0	53.6	pCi/L	08/26/25 19:11	09/16/25 22:31	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: EB-01

Lab Sample ID: 860-109712-14

Date Collected: 08/20/25 13:10

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.72	J	5.00	2.50	mg/L			08/28/25 01:46	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/28/25 01:46	10
Sulfate	2.34	J	5.00	2.00	mg/L			08/28/25 01:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 18:21	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/25/25 10:30	08/25/25 20:25	1
Barium	0.00134	U	0.00400	0.00134	mg/L		08/25/25 10:30	08/25/25 20:25	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/25/25 10:30	08/25/25 20:25	1
Boron	0.00448	J	0.0100	0.00401	mg/L		08/25/25 10:30	08/28/25 17:08	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/25/25 10:30	08/25/25 20:25	1
Calcium	0.0301	U	0.100	0.0301	mg/L		08/25/25 10:30	08/28/25 17:08	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/25/25 10:30	08/25/25 20:25	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/25/25 10:30	08/25/25 20:25	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/25/25 10:30	08/28/25 17:08	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/25/25 10:30	08/28/25 17:08	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/25/25 10:30	08/25/25 20:25	1
Sodium	0.0564	U	0.100	0.0564	mg/L		08/25/25 10:30	08/28/25 17:08	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/25/25 10:30	08/25/25 20:25	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/25/25 10:30	08/25/25 20:25	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/25/25 10:30	08/25/25 20:25	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/25/25 10:30	08/25/25 20:25	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		08/24/25 14:39	08/25/25 18:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:18	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:18	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:18	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:18	1
Total Dissolved Solids (SM 2540C)	18.5		5.00	5.00	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	105		25.7	27.7	50.0	20.4	pCi/L	08/26/25 19:13	09/17/25 01:47	1
Radium-228	-11.9	U G	38.3	38.3	50.0	66.4	pCi/L	08/26/25 19:13	09/17/25 01:47	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-257996/109

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 21:25	1
Fluoride	0.100	U	0.500	0.100	mg/L			08/27/25 21:25	1
Sulfate	0.200	U	0.500	0.200	mg/L			08/27/25 21:25	1

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

Lab Sample ID: LCS 860-257996/110

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	9.460		mg/L		95	90 - 110
Fluoride	10.0	10.01		mg/L		100	90 - 110
Sulfate	10.0	9.355		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-257996/111

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	9.969		mg/L		100	90 - 110	5	20
Fluoride	10.0	10.55		mg/L		105	90 - 110	5	20
Sulfate	10.0	9.883		mg/L		99	90 - 110	5	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

Lab Sample ID: 860-109712-2 MS

Matrix: Water

Analysis Batch: 257996

Client Sample ID: PZ-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5790		1000	6925	4	mg/L		114	90 - 110
Fluoride	10.0	U	1000	1096		mg/L		110	90 - 110
Sulfate	3430	F1	1000	4586	F1	mg/L		115	90 - 110

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 860-109712-2 MSD

Matrix: Water

Analysis Batch: 257996

Client Sample ID: PZ-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5790		1000	6815	4	mg/L		103	90 - 110	2	15
Fluoride	10.0	U	1000	1099		mg/L		110	90 - 110	0	15
Sulfate	3430	F1	1000	4520		mg/L		109	90 - 110	1	15

Method: 6010D - Metals (ICP)

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
Lithium	0.0174	U	0.0400	0.0174	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
Lithium	1.00	0.9250		mg/L		93	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
Lithium	1.00	0.9220		mg/L		92	80 - 120	0	20

Lab Sample ID: MB 860-256848/22-D

Matrix: Water

Analysis Batch: 258091

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257815

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/26/25 13:02	08/27/25 10:37	1

Lab Sample ID: LCS 860-256848/23-D

Matrix: Water

Analysis Batch: 258091

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.040		mg/L		104	80 - 120

Lab Sample ID: LCSD 860-256848/24-D

Matrix: Water

Analysis Batch: 258091

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257815

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	1.040		mg/L		104	80 - 120	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-258447/1-A

Matrix: Water

Analysis Batch: 258714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 258447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 16:48	1

Lab Sample ID: LCS 860-258447/2-A

Matrix: Water

Analysis Batch: 258714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 258447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9520		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-258447/3-A

Matrix: Water

Analysis Batch: 258714

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 258447

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9480		mg/L		95	80 - 120	0	20

Lab Sample ID: 860-109712-2 MS

Matrix: Water

Analysis Batch: 258714

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 258447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.76		1.00	2.580		mg/L		82	75 - 125

Lab Sample ID: 860-109712-2 MSD

Matrix: Water

Analysis Batch: 258714

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 258447

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.76		1.00	2.710		mg/L		95	75 - 125	5	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-257437/1-A

Matrix: Water

Analysis Batch: 257565

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/25/25 10:30	08/25/25 18:07	1
Barium	0.00134	U	0.00400	0.00134	mg/L		08/25/25 10:30	08/25/25 18:07	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/25/25 10:30	08/25/25 18:07	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/25/25 10:30	08/25/25 18:07	1
Calcium	0.0301	U	0.100	0.0301	mg/L		08/25/25 10:30	08/25/25 18:07	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/25/25 10:30	08/25/25 18:07	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/25/25 10:30	08/25/25 18:07	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/25/25 10:30	08/25/25 18:07	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/25/25 10:30	08/25/25 18:07	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/25/25 10:30	08/25/25 18:07	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/25/25 10:30	08/25/25 18:07	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/25/25 10:30	08/25/25 18:07	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/25/25 10:30	08/25/25 18:07	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

Lab Sample ID: MB 860-257437/1-A

Matrix: Water

Analysis Batch: 257565

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/25/25 10:30	08/25/25 18:07	1

Lab Sample ID: MB 860-257437/1-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		08/25/25 10:30	08/28/25 16:29	1
Sodium	0.0564	U	0.100	0.0564	mg/L		08/25/25 10:30	08/28/25 16:29	1

Lab Sample ID: LCS 860-257437/2-A

Matrix: Water

Analysis Batch: 257565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09966		mg/L		100	80 - 120
Barium	0.100	0.09875		mg/L		99	80 - 120
Beryllium	0.100	0.1028		mg/L		103	80 - 120
Cadmium	0.100	0.1023		mg/L		102	80 - 120
Calcium	2.50	2.359		mg/L		94	80 - 120
Chromium	0.100	0.09739		mg/L		97	80 - 120
Cobalt	0.100	0.09760		mg/L		98	80 - 120
Potassium	1.00	0.9689		mg/L		97	80 - 120
Magnesium	2.50	2.503		mg/L		100	80 - 120
Molybdenum	0.100	0.09477		mg/L		95	80 - 120
Lead	0.100	0.1007		mg/L		101	80 - 120
Antimony	0.100	0.08027		mg/L		80	80 - 120
Selenium	0.100	0.1018		mg/L		102	80 - 120
Thallium	0.100	0.1052		mg/L		105	80 - 120

Lab Sample ID: LCS 860-257437/2-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09494		mg/L		95	80 - 120
Sodium	2.50	2.412		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-257437/3-A

Matrix: Water

Analysis Batch: 257565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09729		mg/L		97	80 - 120	2	20
Barium	0.100	0.09766		mg/L		98	80 - 120	1	20
Beryllium	0.100	0.1030		mg/L		103	80 - 120	0	20
Cadmium	0.100	0.1011		mg/L		101	80 - 120	1	20
Calcium	2.50	2.267		mg/L		91	80 - 120	4	20
Chromium	0.100	0.09548		mg/L		95	80 - 120	2	20
Cobalt	0.100	0.09570		mg/L		96	80 - 120	2	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

Lab Sample ID: LCSD 860-257437/3-A

Matrix: Water

Analysis Batch: 257565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	1.00	0.9720		mg/L		97	80 - 120	0	20
Magnesium	2.50	2.480		mg/L		99	80 - 120	1	20
Molybdenum	0.100	0.09443		mg/L		94	80 - 120	0	20
Lead	0.100	0.1002		mg/L		100	80 - 120	1	20
Antimony	0.100	0.08328		mg/L		83	80 - 120	4	20
Selenium	0.100	0.1012		mg/L		101	80 - 120	1	20
Thallium	0.100	0.1036		mg/L		104	80 - 120	1	20

Lab Sample ID: LCSD 860-257437/3-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.09860		mg/L		99	80 - 120	4	20
Sodium	2.50	2.416		mg/L		97	80 - 120	0	20

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
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
Calcium	0.0301	U	0.100	0.0301	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
Potassium	0.0220	U	0.100	0.0220	mg/L		08/26/25 12:58	08/28/25 05:03	1
Magnesium	0.0164	U	0.100	0.0164	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
Lead	0.000367	U	0.00200	0.000367	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
Selenium	0.000590	U	0.00200	0.000590	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

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
Sodium	0.0564	U	0.100	0.0564	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
Arsenic	0.100	0.1005		mg/L		101	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

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
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
Calcium	2.50	2.395		mg/L		96	80 - 120
Chromium	0.100	0.09888		mg/L		99	80 - 120
Cobalt	0.100	0.09776		mg/L		98	80 - 120
Potassium	1.00	0.9836		mg/L		98	80 - 120
Magnesium	2.50	2.452		mg/L		98	80 - 120
Molybdenum	0.100	0.09488		mg/L		95	80 - 120
Lead	0.100	0.09807		mg/L		98	80 - 120
Antimony	0.100	0.09340		mg/L		93	80 - 120
Selenium	0.100	0.09976		mg/L		100	80 - 120
Thallium	0.100	0.1004		mg/L		100	80 - 120

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
Sodium	2.50	2.460		mg/L		98	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
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
Calcium	2.50	2.537		mg/L		101	80 - 120	6	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
Potassium	1.00	0.9837		mg/L		98	80 - 120	0	20
Magnesium	2.50	2.440		mg/L		98	80 - 120	0	20
Molybdenum	0.100	0.09609		mg/L		96	80 - 120	1	20
Lead	0.100	0.09820		mg/L		98	80 - 120	0	20
Antimony	0.100	0.09636		mg/L		96	80 - 120	3	20
Selenium	0.100	0.1000		mg/L		100	80 - 120	0	20
Thallium	0.100	0.1001		mg/L		100	80 - 120	0	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
Sodium	2.50	2.426		mg/L		97	80 - 120	1	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

Lab Sample ID: 860-109712-2 MS

Matrix: Water

Analysis Batch: 258464

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 257813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0625		0.100	0.1442		mg/L		82	75 - 125
Barium	0.0257		0.100	0.1278		mg/L		102	75 - 125
Beryllium	0.259	F1	0.100	0.3495		mg/L		91	75 - 125
Cadmium	0.497		0.100	0.5456	4	mg/L		49	75 - 125
Chromium	0.00280	U	0.100	0.08372		mg/L		84	75 - 125
Cobalt	1.30		0.100	1.306	4	mg/L		4	75 - 125
Potassium	30.9		1.00	30.09	4	mg/L		-79	75 - 125
Molybdenum	0.00128	U	0.100	0.08010		mg/L		80	75 - 125
Lead	0.00184	J	0.100	0.1020		mg/L		100	75 - 125
Antimony	0.0147		0.100	0.1067		mg/L		92	75 - 125
Selenium	0.0268		0.100	0.1231		mg/L		96	75 - 125
Thallium	0.0110		0.100	0.1133		mg/L		102	75 - 125

Lab Sample ID: 860-109712-2 MS

Matrix: Water

Analysis Batch: 258464

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 257813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	916		2.50	813.6	4	mg/L		-4104	75 - 125
Magnesium	286		2.50	263.6	4	mg/L		-908	75 - 125

Lab Sample ID: 860-109712-2 MS

Matrix: Water

Analysis Batch: 258748

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 257813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	9.41		0.100	9.400	4	mg/L		-8	75 - 125
Sodium	3420		2.50	3473	4	mg/L		2286	75 - 125

Lab Sample ID: 860-109712-2 MSD

Matrix: Water

Analysis Batch: 258464

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 257813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Arsenic	0.0625		0.100	0.1374		mg/L		75	75 - 125	5	20
Barium	0.0257		0.100	0.1240		mg/L		98	75 - 125	3	20
Beryllium	0.259	F1	0.100	0.3293	F1	mg/L		71	75 - 125	6	20
Cadmium	0.497		0.100	0.5381	4	mg/L		41	75 - 125	1	20
Chromium	0.00280	U	0.100	0.08053		mg/L		81	75 - 125	4	20
Cobalt	1.30		0.100	1.244	4	mg/L		-59	75 - 125	5	20
Potassium	30.9		1.00	28.93	4	mg/L		-194	75 - 125	4	20
Molybdenum	0.00128	U	0.100	0.07808		mg/L		78	75 - 125	3	20
Lead	0.00184	J	0.100	0.09770		mg/L		96	75 - 125	4	20
Antimony	0.0147		0.100	0.09843		mg/L		84	75 - 125	8	20
Selenium	0.0268		0.100	0.1167		mg/L		90	75 - 125	5	20
Thallium	0.0110		0.100	0.1070		mg/L		96	75 - 125	6	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

Lab Sample ID: 860-109712-2 MSD

Matrix: Water

Analysis Batch: 258464

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 257813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	916		2.50	788.2	4	mg/L		-5122	75 - 125	3	20
Magnesium	286		2.50	247.1	4	mg/L		-1568	75 - 125	6	20

Lab Sample ID: 860-109712-2 MSD

Matrix: Water

Analysis Batch: 258748

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 257813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	9.41		0.100	10.13	4	mg/L		718	75 - 125	7	20
Sodium	3420		2.50	3634	4	mg/L		8715	75 - 125	5	20

Lab Sample ID: MB 860-257994/1-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/27/25 08:50	08/28/25 01:41	1
Barium	0.00134	U	0.00400	0.00134	mg/L		08/27/25 08:50	08/28/25 01:41	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/27/25 08:50	08/28/25 01:41	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/27/25 08:50	08/28/25 01:41	1
Calcium	0.0301	U	0.100	0.0301	mg/L		08/27/25 08:50	08/28/25 01:41	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/27/25 08:50	08/28/25 01:41	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/27/25 08:50	08/28/25 01:41	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/27/25 08:50	08/28/25 01:41	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/27/25 08:50	08/28/25 01:41	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/27/25 08:50	08/28/25 01:41	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/27/25 08:50	08/28/25 01:41	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/27/25 08:50	08/28/25 01:41	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/27/25 08:50	08/28/25 01:41	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/27/25 08:50	08/28/25 01:41	1

Lab Sample ID: MB 860-257994/1-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		08/27/25 08:50	08/28/25 17:43	1
Sodium	0.0564	U	0.100	0.0564	mg/L		08/27/25 08:50	08/28/25 17:43	1

Lab Sample ID: LCS 860-257994/2-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09850		mg/L		98	80 - 120
Barium	0.100	0.1004		mg/L		100	80 - 120
Beryllium	0.100	0.09783		mg/L		98	80 - 120
Cadmium	0.100	0.09797		mg/L		98	80 - 120
Calcium	2.50	2.263		mg/L		91	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

Lab Sample ID: LCS 860-257994/2-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.100	0.09448		mg/L		94	80 - 120
Cobalt	0.100	0.09450		mg/L		95	80 - 120
Potassium	1.00	0.9563		mg/L		96	80 - 120
Magnesium	2.50	2.392		mg/L		96	80 - 120
Molybdenum	0.100	0.09204		mg/L		92	80 - 120
Lead	0.100	0.09667		mg/L		97	80 - 120
Antimony	0.100	0.09632		mg/L		96	80 - 120
Selenium	0.100	0.09903		mg/L		99	80 - 120
Thallium	0.100	0.09847		mg/L		98	80 - 120

Lab Sample ID: LCS 860-257994/2-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09712		mg/L		97	80 - 120
Sodium	2.50	2.467		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-257994/3-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09712		mg/L		97	80 - 120	1	20
Barium	0.100	0.09977		mg/L		100	80 - 120	1	20
Beryllium	0.100	0.09775		mg/L		98	80 - 120	0	20
Cadmium	0.100	0.09652		mg/L		97	80 - 120	1	20
Calcium	2.50	2.357		mg/L		94	80 - 120	4	20
Chromium	0.100	0.09384		mg/L		94	80 - 120	1	20
Cobalt	0.100	0.09399		mg/L		94	80 - 120	1	20
Potassium	1.00	0.9576		mg/L		96	80 - 120	0	20
Magnesium	2.50	2.403		mg/L		96	80 - 120	0	20
Molybdenum	0.100	0.09207		mg/L		92	80 - 120	0	20
Lead	0.100	0.09745		mg/L		97	80 - 120	1	20
Antimony	0.100	0.09947		mg/L		99	80 - 120	3	20
Selenium	0.100	0.09802		mg/L		98	80 - 120	1	20
Thallium	0.100	0.09935		mg/L		99	80 - 120	1	20

Lab Sample ID: LCSD 860-257994/3-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.09682		mg/L		97	80 - 120	0	20
Sodium	2.50	2.438		mg/L		98	80 - 120	1	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

Lab Sample ID: MB 860-259844/1-A

Matrix: Water

Analysis Batch: 260518

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 259844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		09/04/25 12:52	09/05/25 20:57	1
Barium	0.00134	U	0.00400	0.00134	mg/L		09/04/25 12:52	09/05/25 20:57	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		09/04/25 12:52	09/05/25 20:57	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		09/04/25 12:52	09/05/25 20:57	1
Calcium	0.0301	U	0.100	0.0301	mg/L		09/04/25 12:52	09/05/25 20:57	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		09/04/25 12:52	09/05/25 20:57	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		09/04/25 12:52	09/05/25 20:57	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		09/04/25 12:52	09/05/25 20:57	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		09/04/25 12:52	09/05/25 20:57	1
Lead	0.000367	U	0.00200	0.000367	mg/L		09/04/25 12:52	09/05/25 20:57	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		09/04/25 12:52	09/05/25 20:57	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		09/04/25 12:52	09/05/25 20:57	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		09/04/25 12:52	09/05/25 20:57	1

Lab Sample ID: MB 860-259844/1-A

Matrix: Water

Analysis Batch: 260826

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 259844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		09/04/25 12:52	09/09/25 11:55	1
Sodium	0.0564	U	0.100	0.0564	mg/L		09/04/25 12:52	09/09/25 11:55	1

Lab Sample ID: LCS 860-259844/2-A

Matrix: Water

Analysis Batch: 260518

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 259844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1008		mg/L		101	80 - 120
Barium	0.100	0.1012		mg/L		101	80 - 120
Beryllium	0.100	0.09838		mg/L		98	80 - 120
Cadmium	0.100	0.1009		mg/L		101	80 - 120
Calcium	2.50	2.443		mg/L		98	80 - 120
Chromium	0.100	0.1006		mg/L		101	80 - 120
Cobalt	0.100	0.09983		mg/L		100	80 - 120
Magnesium	2.50	2.489		mg/L		100	80 - 120
Molybdenum	0.100	0.09689		mg/L		97	80 - 120
Lead	0.100	0.1012		mg/L		101	80 - 120
Antimony	0.100	0.1007		mg/L		101	80 - 120
Selenium	0.100	0.09987		mg/L		100	80 - 120
Thallium	0.100	0.1031		mg/L		103	80 - 120

Lab Sample ID: LCS 860-259844/2-A

Matrix: Water

Analysis Batch: 260826

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 259844

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.1014		mg/L		101	80 - 120
Sodium	2.50	2.467		mg/L		99	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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

Lab Sample ID: LCSD 860-259844/3-A

Matrix: Water

Analysis Batch: 260518

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 259844

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Arsenic	0.100	0.1003		mg/L		100	80 - 120		1	20
Barium	0.100	0.1008		mg/L		101	80 - 120		0	20
Beryllium	0.100	0.09836		mg/L		98	80 - 120		0	20
Cadmium	0.100	0.09968		mg/L		100	80 - 120		1	20
Calcium	2.50	2.325		mg/L		93	80 - 120		5	20
Chromium	0.100	0.09912		mg/L		99	80 - 120		1	20
Cobalt	0.100	0.09904		mg/L		99	80 - 120		1	20
Magnesium	2.50	2.494		mg/L		100	80 - 120		0	20
Molybdenum	0.100	0.09697		mg/L		97	80 - 120		0	20
Lead	0.100	0.1011		mg/L		101	80 - 120		0	20
Antimony	0.100	0.1021		mg/L		102	80 - 120		1	20
Selenium	0.100	0.09933		mg/L		99	80 - 120		1	20
Thallium	0.100	0.1036		mg/L		104	80 - 120		0	20

Lab Sample ID: LCSD 860-259844/3-A

Matrix: Water

Analysis Batch: 260826

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 259844

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Boron	0.100	0.1040		mg/L		104	80 - 120		2	20
Sodium	2.50	2.502		mg/L		100	80 - 120		1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-257315/10-A

Matrix: Water

Analysis Batch: 257641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257315

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		08/24/25 14:39	08/25/25 17:25	1

Lab Sample ID: LCS 860-257315/11-A

Matrix: Water

Analysis Batch: 257641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257315

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Mercury	0.00200	0.002129		mg/L		106	80 - 120			

Lab Sample ID: LCSD 860-257315/12-A

Matrix: Water

Analysis Batch: 257641

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257315

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Mercury	0.00200	0.002067		mg/L		103	80 - 120		3	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 860-258699/10-A
Matrix: Water
Analysis Batch: 258942

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258699

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		08/29/25 09:26	08/29/25 15:54	1

Lab Sample ID: LCS 860-258699/11-A
Matrix: Water
Analysis Batch: 258942

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001933		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-258699/12-A
Matrix: Water
Analysis Batch: 258942

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258699

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001977		mg/L		99	80 - 120	2	20

Lab Sample ID: 860-109712-8 MS
Matrix: Water
Analysis Batch: 258942

Client Sample ID: AP-36
Prep Type: Total/NA
Prep Batch: 258699

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.0000706	U	0.00200	0.002197		mg/L		110	75 - 125

Lab Sample ID: 860-109712-8 MSD
Matrix: Water
Analysis Batch: 258942

Client Sample ID: AP-36
Prep Type: Total/NA
Prep Batch: 258699

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	0.002163		mg/L		108	75 - 125	2	20

Lab Sample ID: MB 860-261715/10-A
Matrix: Water
Analysis Batch: 261798

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 261715

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		09/12/25 16:09	09/12/25 22:15	1

Lab Sample ID: LCS 860-261715/11-A
Matrix: Water
Analysis Batch: 261798

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 261715

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001975		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-261715/12-A
Matrix: Water
Analysis Batch: 261798

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 261715

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	1	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 860-109712-2 MS

Matrix: Water

Analysis Batch: 261798

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 261715

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00259		0.00200	0.004684		mg/L		105	75 - 125

Lab Sample ID: 860-109712-2 MSD

Matrix: Water

Analysis Batch: 261798

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 261715

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00259		0.00200	0.004674		mg/L		104	75 - 125	0	20

Lab Sample ID: LB 860-261266/1-D

Matrix: Water

Analysis Batch: 261799

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 261720

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		09/12/25 16:13	09/12/25 23:25	1

Lab Sample ID: MB 860-261720/10-A

Matrix: Water

Analysis Batch: 261799

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 261720

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		09/12/25 16:12	09/12/25 23:15	1

Lab Sample ID: LCS 860-261720/11-A

Matrix: Water

Analysis Batch: 261799

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 261720

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001978		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-261720/12-A

Matrix: Water

Analysis Batch: 261799

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 261720

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001975		mg/L		99	80 - 120	0	20

Method: SM 2320B - Alkalinity

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
Total 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

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method: SM 2320B - Alkalinity (Continued)

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
Total Alkalinity	250	251.8		mg/L		101	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
Total Alkalinity	250	250.7		mg/L		100	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258214/1

Matrix: Water

Analysis Batch: 258214

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 15:50	1

Lab Sample ID: LCS 860-258214/2

Matrix: Water

Analysis Batch: 258214

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	1184		mg/L		118	80 - 120

Lab Sample ID: MB 860-258241/1

Matrix: Water

Analysis Batch: 258241

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 16:56	1

Lab Sample ID: LCS 860-258241/2

Matrix: Water

Analysis Batch: 258241

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	1084		mg/L		108	80 - 120

Lab Sample ID: 860-109712-4 DU

Matrix: Water

Analysis Batch: 258241

Client Sample ID: AP-32

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	9430		9160		mg/L		3	10

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 860-109712-5 DU

Matrix: Water

Analysis Batch: 258241

Client Sample ID: AP-33

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	10700		11080		mg/L		4	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-733737/1-A

Matrix: Water

Analysis Batch: 736706

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 733737

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	24.28		19.5	19.7	50.0	22.8	pCi/L	08/26/25 19:11	09/19/25 12:55	1
Radium-228	-1.544	U G	30.9	30.9	50.0	53.6	pCi/L	08/26/25 19:11	09/19/25 12:55	1

Lab Sample ID: LCS 160-733737/2-A

Matrix: Water

Analysis Batch: 736228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 733737

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	142000		15500		846	pCi/L	100	75 - 125
Cesium-137	37700	38940		3870		129	pCi/L	103	75 - 125
Cobalt-60	51600	50130		4890		113	pCi/L	97	75 - 125

Lab Sample ID: 860-109712-2 DU

Matrix: Water

Analysis Batch: 736227

Client Sample ID: PZ-03

Prep Type: Total/NA

Prep Batch: 733737

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	Limit
Radium-226	-9.32	U G	-7.827	U G	32.1	50.0	56.3	pCi/L	0.03	1
Radium-228	25.1	U	-1.922	U G	5.57	50.0	52.0	pCi/L	0.82	1

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

HPLC/IC

Analysis Batch: 257996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	300.0	
860-109712-2	PZ-03	Total/NA	Water	300.0	
860-109712-2 - DL	PZ-03	Total/NA	Water	300.0	
860-109712-3	AP-31	Total/NA	Water	300.0	
860-109712-4	AP-32	Total/NA	Water	300.0	
860-109712-5	AP-33	Total/NA	Water	300.0	
860-109712-6	AP-34	Total/NA	Water	300.0	
860-109712-7	AP-35	Total/NA	Water	300.0	
860-109712-8	AP-36	Total/NA	Water	300.0	
860-109712-9	MW-03	Total/NA	Water	300.0	
860-109712-10	PZ-05	Total/NA	Water	300.0	
860-109712-11	PZ-06	Total/NA	Water	300.0	
860-109712-12	Dup-02	Total/NA	Water	300.0	
860-109712-13	FB-02	Total/NA	Water	300.0	
860-109712-14	EB-01	Total/NA	Water	300.0	
MB 860-257996/109	Method Blank	Total/NA	Water	300.0	
MB 860-257996/3	Method Blank	Total/NA	Water	300.0	
LCS 860-257996/110	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-257996/111	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-257996/7	Lab Control Sample	Total/NA	Water	300.0	
860-109712-2 MS	PZ-03	Total/NA	Water	300.0	
860-109712-2 MSD	PZ-03	Total/NA	Water	300.0	

Metals

Filtration Batch: 256848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-256848/22-D	Method Blank	Total/NA	Water	Filtration	
LCS 860-256848/23-D	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-256848/24-D	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 257218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-14	EB-01	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	

Prep Batch: 257315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-14	EB-01	Total/NA	Water	7470A	
MB 860-257315/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-257315/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-257315/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 257437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-14	EB-01	Total/NA	Water	3010A	
MB 860-257437/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-257437/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257437/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Metals

Analysis Batch: 257565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-14	EB-01	Total/NA	Water	6020A	257437
MB 860-257437/1-A	Method Blank	Total/NA	Water	6020A	257437
LCS 860-257437/2-A	Lab Control Sample	Total/NA	Water	6020A	257437
LCSD 860-257437/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257437

Analysis Batch: 257641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-14	EB-01	Total/NA	Water	7470A	257315
MB 860-257315/10-A	Method Blank	Total/NA	Water	7470A	257315
LCS 860-257315/11-A	Lab Control Sample	Total/NA	Water	7470A	257315
LCSD 860-257315/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	257315

Analysis Batch: 257693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-14	EB-01	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

Prep Batch: 257813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	3010A	
860-109712-2	PZ-03	Total/NA	Water	3010A	
860-109712-8	AP-36	Total/NA	Water	3010A	
860-109712-9	MW-03	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	
860-109712-2 MS	PZ-03	Total/NA	Water	3010A	
860-109712-2 MSD	PZ-03	Total/NA	Water	3010A	

Prep Batch: 257815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-4	AP-32	Total/NA	Water	3010A	
860-109712-5	AP-33	Total/NA	Water	3010A	
860-109712-11	PZ-06	Total/NA	Water	3010A	
MB 860-256848/22-D	Method Blank	Total/NA	Water	3010A	256848
LCS 860-256848/23-D	Lab Control Sample	Total/NA	Water	3010A	256848
LCSD 860-256848/24-D	Lab Control Sample Dup	Total/NA	Water	3010A	256848

Prep Batch: 257994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-3	AP-31	Total/NA	Water	3010A	
860-109712-4	AP-32	Total/NA	Water	3010A	
MB 860-257994/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-257994/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257994/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 258091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-4	AP-32	Total/NA	Water	6010D	257815

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Metals (Continued)

Analysis Batch: 258091 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-5	AP-33	Total/NA	Water	6010D	257815
860-109712-11	PZ-06	Total/NA	Water	6010D	257815
MB 860-256848/22-D	Method Blank	Total/NA	Water	6010D	257815
LCS 860-256848/23-D	Lab Control Sample	Total/NA	Water	6010D	257815
LCSD 860-256848/24-D	Lab Control Sample Dup	Total/NA	Water	6010D	257815

Prep Batch: 258447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	3010A	
860-109712-2	PZ-03	Total/NA	Water	3010A	
860-109712-3	AP-31	Total/NA	Water	3010A	
860-109712-6	AP-34	Total/NA	Water	3010A	
860-109712-7	AP-35	Total/NA	Water	3010A	
860-109712-8	AP-36	Total/NA	Water	3010A	
860-109712-9	MW-03	Total/NA	Water	3010A	
860-109712-10	PZ-05	Total/NA	Water	3010A	
860-109712-12	Dup-02	Total/NA	Water	3010A	
860-109712-13	FB-02	Total/NA	Water	3010A	
MB 860-258447/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258447/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258447/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-109712-2 MS	PZ-03	Total/NA	Water	3010A	
860-109712-2 MSD	PZ-03	Total/NA	Water	3010A	

Analysis Batch: 258464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	6020A	257813
860-109712-1	PZ-02	Total/NA	Water	6020A	257813
860-109712-2	PZ-03	Total/NA	Water	6020A	257813
860-109712-2	PZ-03	Total/NA	Water	6020A	257813
860-109712-8	AP-36	Total/NA	Water	6020A	257813
860-109712-8	AP-36	Total/NA	Water	6020A	257813
860-109712-9	MW-03	Total/NA	Water	6020A	257813
860-109712-9	MW-03	Total/NA	Water	6020A	257813
MB 860-257813/1-A	Method Blank	Total/NA	Water	6020A	257813
LCS 860-257813/2-A	Lab Control Sample	Total/NA	Water	6020A	257813
LCSD 860-257813/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257813
860-109712-2 MS	PZ-03	Total/NA	Water	6020A	257813
860-109712-2 MS	PZ-03	Total/NA	Water	6020A	257813
860-109712-2 MSD	PZ-03	Total/NA	Water	6020A	257813
860-109712-2 MSD	PZ-03	Total/NA	Water	6020A	257813

Analysis Batch: 258492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-3	AP-31	Total/NA	Water	6020A	257994
860-109712-4	AP-32	Total/NA	Water	6020A	257994
MB 860-257994/1-A	Method Blank	Total/NA	Water	6020A	257994
LCS 860-257994/2-A	Lab Control Sample	Total/NA	Water	6020A	257994
LCSD 860-257994/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257994

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Metals

Prep Batch: 258699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-8	AP-36	Total/NA	Water	7470A	
MB 860-258699/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-258699/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-258699/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
860-109712-8 MS	AP-36	Total/NA	Water	7470A	
860-109712-8 MSD	AP-36	Total/NA	Water	7470A	

Analysis Batch: 258714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	6010D	258447
860-109712-2	PZ-03	Total/NA	Water	6010D	258447
860-109712-3	AP-31	Total/NA	Water	6010D	258447
860-109712-6	AP-34	Total/NA	Water	6010D	258447
860-109712-7	AP-35	Total/NA	Water	6010D	258447
860-109712-8	AP-36	Total/NA	Water	6010D	258447
860-109712-9	MW-03	Total/NA	Water	6010D	258447
860-109712-10	PZ-05	Total/NA	Water	6010D	258447
860-109712-12	Dup-02	Total/NA	Water	6010D	258447
860-109712-13	FB-02	Total/NA	Water	6010D	258447
MB 860-258447/1-A	Method Blank	Total/NA	Water	6010D	258447
LCS 860-258447/2-A	Lab Control Sample	Total/NA	Water	6010D	258447
LCSD 860-258447/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258447
860-109712-2 MS	PZ-03	Total/NA	Water	6010D	258447
860-109712-2 MSD	PZ-03	Total/NA	Water	6010D	258447

Analysis Batch: 258748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	6020A	257813
860-109712-2	PZ-03	Total/NA	Water	6020A	257813
860-109712-3	AP-31	Total/NA	Water	6020A	257994
860-109712-4	AP-32	Total/NA	Water	6020A	257994
860-109712-8	AP-36	Total/NA	Water	6020A	257813
860-109712-9	MW-03	Total/NA	Water	6020A	257813
860-109712-14	EB-01	Total/NA	Water	6020A	257437
MB 860-257437/1-A	Method Blank	Total/NA	Water	6020A	257437
MB 860-257813/1-A	Method Blank	Total/NA	Water	6020A	257813
MB 860-257994/1-A	Method Blank	Total/NA	Water	6020A	257994
LCS 860-257437/2-A	Lab Control Sample	Total/NA	Water	6020A	257437
LCS 860-257813/2-A	Lab Control Sample	Total/NA	Water	6020A	257813
LCS 860-257994/2-A	Lab Control Sample	Total/NA	Water	6020A	257994
LCSD 860-257437/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257437
LCSD 860-257813/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257813
LCSD 860-257994/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257994
860-109712-2 MS	PZ-03	Total/NA	Water	6020A	257813
860-109712-2 MSD	PZ-03	Total/NA	Water	6020A	257813

Analysis Batch: 258942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-8	AP-36	Total/NA	Water	7470A	258699
MB 860-258699/10-A	Method Blank	Total/NA	Water	7470A	258699
LCS 860-258699/11-A	Lab Control Sample	Total/NA	Water	7470A	258699

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Metals (Continued)

Analysis Batch: 258942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-258699/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	258699
860-109712-8 MS	AP-36	Total/NA	Water	7470A	258699
860-109712-8 MSD	AP-36	Total/NA	Water	7470A	258699

Analysis Batch: 259169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	6020A	257813

Prep Batch: 259844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-5	AP-33	Total/NA	Water	3010A	
860-109712-6	AP-34	Total/NA	Water	3010A	
860-109712-7	AP-35	Total/NA	Water	3010A	
860-109712-10	PZ-05	Total/NA	Water	3010A	
860-109712-11	PZ-06	Total/NA	Water	3010A	
860-109712-12	Dup-02	Total/NA	Water	3010A	
860-109712-13	FB-02	Total/NA	Water	3010A	
MB 860-259844/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-259844/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-259844/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 260518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-5	AP-33	Total/NA	Water	6020A	259844
860-109712-5	AP-33	Total/NA	Water	6020A	259844
860-109712-6	AP-34	Total/NA	Water	6020A	259844
860-109712-6	AP-34	Total/NA	Water	6020A	259844
860-109712-7	AP-35	Total/NA	Water	6020A	259844
860-109712-7	AP-35	Total/NA	Water	6020A	259844
860-109712-10	PZ-05	Total/NA	Water	6020A	259844
860-109712-10	PZ-05	Total/NA	Water	6020A	259844
860-109712-11	PZ-06	Total/NA	Water	6020A	259844
860-109712-11	PZ-06	Total/NA	Water	6020A	259844
860-109712-12	Dup-02	Total/NA	Water	6020A	259844
860-109712-12	Dup-02	Total/NA	Water	6020A	259844
860-109712-13	FB-02	Total/NA	Water	6020A	259844
MB 860-259844/1-A	Method Blank	Total/NA	Water	6020A	259844
LCS 860-259844/2-A	Lab Control Sample	Total/NA	Water	6020A	259844
LCSD 860-259844/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	259844

Analysis Batch: 260826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-5	AP-33	Total/NA	Water	6020A	259844
860-109712-5	AP-33	Total/NA	Water	6020A	259844
860-109712-6	AP-34	Total/NA	Water	6020A	259844
860-109712-7	AP-35	Total/NA	Water	6020A	259844
860-109712-10	PZ-05	Total/NA	Water	6020A	259844
860-109712-11	PZ-06	Total/NA	Water	6020A	259844
860-109712-12	Dup-02	Total/NA	Water	6020A	259844
860-109712-13	FB-02	Total/NA	Water	6020A	259844
MB 860-259844/1-A	Method Blank	Total/NA	Water	6020A	259844

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Metals (Continued)

Analysis Batch: 260826 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-259844/2-A	Lab Control Sample	Total/NA	Water	6020A	259844
LCSD 860-259844/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	259844

Leach Batch: 261266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-261266/1-D	Method Blank	Total/NA	Water	1311	

Prep Batch: 261715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	7470A	
860-109712-2	PZ-03	Total/NA	Water	7470A	
860-109712-3	AP-31	Total/NA	Water	7470A	
860-109712-4	AP-32	Total/NA	Water	7470A	
860-109712-5	AP-33	Total/NA	Water	7470A	
MB 860-261715/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-261715/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-261715/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
860-109712-2 MS	PZ-03	Total/NA	Water	7470A	
860-109712-2 MSD	PZ-03	Total/NA	Water	7470A	

Prep Batch: 261720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-6	AP-34	Total/NA	Water	7470A	
860-109712-7	AP-35	Total/NA	Water	7470A	
860-109712-9	MW-03	Total/NA	Water	7470A	
860-109712-10	PZ-05	Total/NA	Water	7470A	
860-109712-11	PZ-06	Total/NA	Water	7470A	
860-109712-12	Dup-02	Total/NA	Water	7470A	
860-109712-13	FB-02	Total/NA	Water	7470A	
LB 860-261266/1-D	Method Blank	Total/NA	Water	7470A	261266
MB 860-261720/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-261720/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-261720/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 261798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	7470A	261715
860-109712-2	PZ-03	Total/NA	Water	7470A	261715
860-109712-3	AP-31	Total/NA	Water	7470A	261715
860-109712-4	AP-32	Total/NA	Water	7470A	261715
860-109712-5	AP-33	Total/NA	Water	7470A	261715
MB 860-261715/10-A	Method Blank	Total/NA	Water	7470A	261715
LCS 860-261715/11-A	Lab Control Sample	Total/NA	Water	7470A	261715
LCSD 860-261715/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	261715
860-109712-2 MS	PZ-03	Total/NA	Water	7470A	261715
860-109712-2 MSD	PZ-03	Total/NA	Water	7470A	261715

Analysis Batch: 261799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-6	AP-34	Total/NA	Water	7470A	261720
860-109712-7	AP-35	Total/NA	Water	7470A	261720

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Metals (Continued)

Analysis Batch: 261799 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-9	MW-03	Total/NA	Water	7470A	261720
860-109712-10	PZ-05	Total/NA	Water	7470A	261720
860-109712-11	PZ-06	Total/NA	Water	7470A	261720
860-109712-12	Dup-02	Total/NA	Water	7470A	261720
860-109712-13	FB-02	Total/NA	Water	7470A	261720
LB 860-261266/1-D	Method Blank	Total/NA	Water	7470A	261720
MB 860-261720/10-A	Method Blank	Total/NA	Water	7470A	261720
LCS 860-261720/11-A	Lab Control Sample	Total/NA	Water	7470A	261720
LCSD 860-261720/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	261720

General Chemistry

Analysis Batch: 258214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	SM 2540C	
860-109712-2	PZ-03	Total/NA	Water	SM 2540C	
860-109712-3	AP-31	Total/NA	Water	SM 2540C	
MB 860-258214/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258214/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 258241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-4	AP-32	Total/NA	Water	SM 2540C	
860-109712-5	AP-33	Total/NA	Water	SM 2540C	
860-109712-6	AP-34	Total/NA	Water	SM 2540C	
860-109712-7	AP-35	Total/NA	Water	SM 2540C	
860-109712-8	AP-36	Total/NA	Water	SM 2540C	
860-109712-9	MW-03	Total/NA	Water	SM 2540C	
860-109712-10	PZ-05	Total/NA	Water	SM 2540C	
860-109712-11	PZ-06	Total/NA	Water	SM 2540C	
860-109712-12	Dup-02	Total/NA	Water	SM 2540C	
860-109712-13	FB-02	Total/NA	Water	SM 2540C	
860-109712-14	EB-01	Total/NA	Water	SM 2540C	
MB 860-258241/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258241/2	Lab Control Sample	Total/NA	Water	SM 2540C	
860-109712-4 DU	AP-32	Total/NA	Water	SM 2540C	
860-109712-5 DU	AP-33	Total/NA	Water	SM 2540C	

Analysis Batch: 258600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	SM 2320B	
860-109712-2	PZ-03	Total/NA	Water	SM 2320B	
860-109712-3	AP-31	Total/NA	Water	SM 2320B	
860-109712-4	AP-32	Total/NA	Water	SM 2320B	
860-109712-5	AP-33	Total/NA	Water	SM 2320B	
860-109712-6	AP-34	Total/NA	Water	SM 2320B	
860-109712-7	AP-35	Total/NA	Water	SM 2320B	
860-109712-8	AP-36	Total/NA	Water	SM 2320B	
860-109712-9	MW-03	Total/NA	Water	SM 2320B	
860-109712-10	PZ-05	Total/NA	Water	SM 2320B	
860-109712-11	PZ-06	Total/NA	Water	SM 2320B	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

General Chemistry (Continued)

Analysis Batch: 258600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-12	Dup-02	Total/NA	Water	SM 2320B	
860-109712-13	FB-02	Total/NA	Water	SM 2320B	
860-109712-14	EB-01	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	
LCSD 860-258600/38	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 733737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109712-1	PZ-02	Total/NA	Water	Fill_Geo-21	
860-109712-2	PZ-03	Total/NA	Water	Fill_Geo-21	
860-109712-3	AP-31	Total/NA	Water	Fill_Geo-21	
860-109712-4	AP-32	Total/NA	Water	Fill_Geo-21	
860-109712-5	AP-33	Total/NA	Water	Fill_Geo-21	
860-109712-6	AP-34	Total/NA	Water	Fill_Geo-21	
860-109712-7	AP-35	Total/NA	Water	Fill_Geo-21	
860-109712-8	AP-36	Total/NA	Water	Fill_Geo-21	
860-109712-9	MW-03	Total/NA	Water	Fill_Geo-21	
860-109712-10	PZ-05	Total/NA	Water	Fill_Geo-21	
860-109712-11	PZ-06	Total/NA	Water	Fill_Geo-21	
860-109712-12	Dup-02	Total/NA	Water	Fill_Geo-21	
860-109712-13	FB-02	Total/NA	Water	Fill_Geo-21	
860-109712-14	EB-01	Total/NA	Water	Fill_Geo-21	
MB 160-733737/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-733737/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
860-109712-2 DU	PZ-03	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-02

Lab Sample ID: 860-109712-1

Date Collected: 08/20/25 10:00

Matrix: Water

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	300.0		10			257996	08/27/25 22:10	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:07	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		5			258464	08/28/25 07:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		50			258464	08/28/25 07:05	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		50			258748	08/28/25 16:21	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		200			259169	08/29/25 17:00	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261715	09/12/25 16:09	AGR	EET HOU
Total/NA	Analysis	7470A		1			261798	09/12/25 22:39	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:12	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736227	09/16/25 16:04	MLS	EET SL

Client Sample ID: PZ-03

Lab Sample ID: 860-109712-2

Date Collected: 08/20/25 11:00

Matrix: Water

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	300.0		10			257996	08/27/25 22:35	W1N	EET HOU
Total/NA	Analysis	300.0	DL	100			257996	08/27/25 22:42	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 16:52	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		5			258464	08/28/25 05:11	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		100			258464	08/28/25 05:15	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 16:01	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261715	09/12/25 16:09	AGR	EET HOU
Total/NA	Analysis	7470A		1			261798	09/12/25 22:25	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 12:59	CAH	EET SL

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-31

Date Collected: 08/20/25 08:25

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-3

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	300.0		10			257996	08/27/25 23:01	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:44	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		400			258748	08/28/25 18:30	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261715	09/12/25 16:09	AGR	EET HOU
Total/NA	Analysis	7470A		1			261798	09/12/25 22:42	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:21	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 16:05	CAH	EET SL

Client Sample ID: AP-32

Date Collected: 08/20/25 10:20

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-4

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	300.0		10			257996	08/27/25 23:13	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257815	08/26/25 13:02	MD	EET HOU
Total/NA	Analysis	6010D		10			258091	08/27/25 11:43	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:50	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		200			258748	08/28/25 18:34	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261715	09/12/25 16:09	AGR	EET HOU
Total/NA	Analysis	7470A		1			261798	09/12/25 22:52	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:52	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736220	09/16/25 18:09	MLS	EET SL

Client Sample ID: AP-33

Date Collected: 08/20/25 08:30

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-5

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		10			257996	08/27/25 23:26	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257815	08/26/25 13:02	MD	EET HOU
Total/NA	Analysis	6010D		10			258091	08/27/25 11:45	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		5			260518	09/05/25 21:33	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-33

Date Collected: 08/20/25 08:30

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-5

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	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		100			260518	09/05/25 21:36	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		100			260826	09/09/25 12:16	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		500			260826	09/09/25 12:19	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261715	09/12/25 16:09	AGR	EET HOU
Total/NA	Analysis	7470A		1			261798	09/12/25 22:56	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:35	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736227	09/16/25 18:11	MLS	EET SL

Client Sample ID: AP-34

Date Collected: 08/20/25 09:35

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-6

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	300.0		10			257996	08/27/25 23:52	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		5			260518	09/05/25 21:39	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		50			260518	09/05/25 21:43	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		100			260826	09/09/25 12:22	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261720	09/12/25 16:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			261799	09/13/25 00:33	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:37	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 18:12	CAH	EET SL

Client Sample ID: AP-35

Date Collected: 08/20/25 10:30

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-7

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	300.0		10			257996	08/28/25 00:04	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		5			260518	09/05/25 21:46	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: AP-35

Date Collected: 08/20/25 10:30

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-7

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	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		50			260518	09/05/25 21:49	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		50			260826	09/09/25 12:37	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261720	09/12/25 16:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			261799	09/13/25 00:36	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:40	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736226	09/16/25 18:12	MLS	EET SL

Client Sample ID: AP-36

Date Collected: 08/20/25 11:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-8

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	300.0		10			257996	08/28/25 00:17	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		5			258464	08/28/25 06:49	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		50			258464	08/28/25 06:52	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		50			258748	08/28/25 16:14	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	258699	08/29/25 09:27	AGR	EET HOU
Total/NA	Analysis	7470A		1			258942	08/29/25 16:05	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:43	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736220	09/16/25 21:21	MLS	EET SL

Client Sample ID: MW-03

Date Collected: 08/20/25 09:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-9

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	300.0		10			257996	08/28/25 00:30	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:17	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		5			258464	08/28/25 06:56	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		100			258464	08/28/25 06:59	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: MW-03

Date Collected: 08/20/25 09:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-9

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	3010A			50 mL	50 mL	257813	08/26/25 12:59	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 16:17	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261720	09/12/25 16:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			261799	09/13/25 00:40	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:46	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736227	09/16/25 21:20	MLS	EET SL

Client Sample ID: PZ-05

Date Collected: 08/20/25 09:00

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-10

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	300.0		10			257996	08/28/25 00:42	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:18	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		5			260518	09/05/25 21:52	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		50			260518	09/05/25 21:56	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		100			260826	09/09/25 12:40	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261720	09/12/25 16:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			261799	09/13/25 00:43	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:49	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 21:21	CAH	EET SL

Client Sample ID: PZ-06

Date Collected: 08/20/25 12:40

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-11

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		10			257996	08/28/25 01:08	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257815	08/26/25 13:02	MD	EET HOU
Total/NA	Analysis	6010D		10			258091	08/27/25 11:46	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		5			260518	09/05/25 22:04	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		50			260518	09/05/25 22:07	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		50			260826	09/09/25 12:44	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: PZ-06

Lab Sample ID: 860-109712-11

Date Collected: 08/20/25 12:40

Matrix: Water

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	7470A			5 mL	5 mL	261720	09/12/25 16:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			261799	09/13/25 00:46	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 15:55	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 22:30	CAH	EET SL

Client Sample ID: Dup-02

Lab Sample ID: 860-109712-12

Date Collected: 08/20/25 10:00

Matrix: Water

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	300.0		10			257996	08/28/25 01:21	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		5			260518	09/05/25 22:11	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		100			260518	09/05/25 22:14	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		100			260826	09/09/25 12:47	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261720	09/12/25 16:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			261799	09/13/25 00:50	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 16:01	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736225	09/16/25 22:28	MLS	EET SL

Client Sample ID: FB-02

Lab Sample ID: 860-109712-13

Date Collected: 08/20/25 09:15

Matrix: Water

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	300.0		10			257996	08/28/25 01:33	W1N	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		1			260518	09/05/25 22:17	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	259844	09/04/25 12:53	MD	EET HOU
Total/NA	Analysis	6020A		1			260826	09/09/25 12:04	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	261720	09/12/25 16:13	AGR	EET HOU
Total/NA	Analysis	7470A		1			261799	09/13/25 00:53	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 16:04	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Client Sample ID: FB-02

Date Collected: 08/20/25 09:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-13

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	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:11	SRE	EET SL
Total/NA	Analysis	901.1		1			736226	09/16/25 22:31	MLS	EET SL

Client Sample ID: EB-01

Date Collected: 08/20/25 13:10

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109712-14

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		10			257996	08/28/25 01:46	W1N	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 18:21	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			257565	08/25/25 20:25	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			258748	08/28/25 17:08	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 18:03	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 16:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733737	08/26/25 19:13	SRE	EET SL
Total/NA	Analysis	901.1		1			736384	09/17/25 01:47	MLS	EET SL

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109712-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109712-1	PZ-02	Water	08/20/25 10:00	08/21/25 08:54	Texas
860-109712-2	PZ-03	Water	08/20/25 11:00	08/21/25 08:54	Texas
860-109712-3	AP-31	Water	08/20/25 08:25	08/21/25 08:54	Texas
860-109712-4	AP-32	Water	08/20/25 10:20	08/21/25 08:54	Texas
860-109712-5	AP-33	Water	08/20/25 08:30	08/21/25 08:54	Texas
860-109712-6	AP-34	Water	08/20/25 09:35	08/21/25 08:54	Texas
860-109712-7	AP-35	Water	08/20/25 10:30	08/21/25 08:54	Texas
860-109712-8	AP-36	Water	08/20/25 11:15	08/21/25 08:54	Texas
860-109712-9	MW-03	Water	08/20/25 09:15	08/21/25 08:54	Texas
860-109712-10	PZ-05	Water	08/20/25 09:00	08/21/25 08:54	Texas
860-109712-11	PZ-06	Water	08/20/25 12:40	08/21/25 08:54	Texas
860-109712-12	Dup-02	Water	08/20/25 10:00	08/21/25 08:54	Texas
860-109712-13	FB-02	Water	08/20/25 09:15	08/21/25 08:54	Texas
860-109712-14	EB-01	Water	08/20/25 13:10	08/21/25 08:54	Texas

Chain of Custody Record

Client Information Client Contact: Mike Schofield Company: GSI Environmental Inc. Address: 9600 Great Hills Trail Suite 350E City: Austin State, Zip: TX, 78759 Phone: 512-346-4474 (Tel) 512-346-4476 (Fax) Email: mlschofield@gsi-net.com Project Name: San Miguel Electrical Co-Op GW Site: Ash Pond		Sampler Lab PM: Kudchadkar Sachin G E-Mail: Sachin.Kudchadkar@Eurofinset.com Phone: 713-653-7127 PWSID:		Carrier Tracking No(s): 860-3614-1220.1 State of Origin: 12-2		COG No: 860-3614-1220.1 Page: 12-2 Job #:																													
Due Date Requested: TAT Requested (days): Compliance Project: ☐ Yes ☐ No PO #: WO #: Project #: 86001746 SSOW#:				Analysis Requested Temp: 34 IR ID: HOU-368 C/F -0.2 Corrected Temp: 32				Preservation Codes: A HCL M Hexane B NaOH N None C Zn Acetate O AsNaO2 D Nitric Acid P Na2OAS E NaHSO4 Q Na2SO3 F MeOH R Na2S2O3 G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecylhydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify) Other:																											
Sample Identification P202 P2-03 P2-03 (ms) P2-03 (msd) AP-31 AP-32 AP-33 AP-34 AP-35 AP-36 MW-03				Sample Date 8-20-25 1100 1100 1100 825 1020 830 935 1030 1115 915				Sample Time 1000 1100 1100 1100 825 1020 830 935 1030 1115 915				Sample Type (C=Comp, G=grab) G 				Matrix (W=water, S=solid, O=water/Oil) Water Water Water Water Water Water Water Water Water Water Water				Field Filtered Sample (Yes or No) X 				Perform MS/MSD (Yes or No) X 				Field Filtered Sample (Yes or No) X 				Special Instructions/Note: Temp: 4.7 IR ID: HOU-368 C/F -0.2 Corrected Temp: 4.5 Temp: 2.8 IR ID: HOU-368 C/F -0.2 Corrected Temp: 2.6 Temp: 3.1 IR ID: HOU-368 C/F -0.2 Corrected Temp: 2.9 Temp: 2.3 IR ID: HOU-368 C/F -0.2 Corrected Temp: 2.1 Temp: 3.3 IR ID: HOU-368 C/F -0.2 Corrected Temp: 3.1			
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:																											
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant Deliverable Requested: I II III, IV Other (specify)								Empty Kit Relinquished by:																											
Relinquished by:								Received by:																											
Relinquished by:								Received by:																											
Relinquished by:								Received by:																											
Custody Seals Intact: ☐ Yes ☐ No								Cooler Temperature(s) °C and Other Remarks:																											

Chain of Custody Record

15
16
17
18
19

[illegible]

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-109712-1

Login Number: 109712

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

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.	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: GSI Environmental Inc

Job Number: 860-109712-1

Login Number: 109712

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 08/26/25 11:55 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	

DATA USABILITY SUMMARY

August 2025 Sampling Event (Job ID: 860-109706-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **twelve groundwater samples collected from the Equalization Pond on 20 August 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). The majority of analyses were conducted by EET HOU, while the Radium analyses were conducted by the Eurofins St. Louis, Missouri (EET SL) laboratory. GSI certifies that at the time the laboratory data were generated for the project, EET HOU and EET SL were National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215 and T104704193, respectively) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU and EET SL's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 300.0 – Anions, Ion Chromatography
- Method 6020A – Metals (Inductively Coupled Plasma [ICP]/Mass Spectrometry[MS])
- Method 7470A – Mercury (Cold Vapor Atomic Absorption [CVAA] Spectroscopy)
- Method SM2320B – Alkalinity
- Method SM2540C – Total Dissolved Solids (TDS)
- Method 904.0 – Radium-228 (GFPC)
- Method SM7500 Ra B – Radium-226

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

¹ Nine samples plus one field duplicate, one field blank and one equipment blank.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Twelve (12) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	MS/MSD		LCS/LCSD		Lab Dup RPD	Field Precision RPD
	% R	RPD/RER	% R	RPD		
Metals	75 – 125	20	80 – 120	20	-	≤ 30%
Inorganic Anions	90 – 110	15	90 – 110	20	-	≤ 30%
Alkalinity	-	-	85 – 115	20	20	≤ 30%
Total Dissolved Solids (TDS)	-	-	80 – 120	-	-	≤ 30%
Radium-228	60 – 140	1	75 – 125	-	-	≤ 30%
Radium-226	80 – 120	1	90 – 110	-	-	≤ 30%

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times, with exceptions noted below. Items related to the C-O-C are also listed below.

- The sample identified as Dup-03 on the C-O-C is a field duplicate of sample EP-33.

Items related to sample preparation are listed below.

- Samples EP-31, EP-32, EP-33, EP-34, EP-35, EP-36, EP-37, EP-38, MW-04, and Dup-03 by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples EP-31, EP-32, EP-33, EP-34, EP-35, EP-36, EP-37, EP-38, MW-04, and Dup-03 by Method 6020A were diluted due to the nature of the sample matrix. Elevated RLs are provided.

Finding No qualifiers were added per this evaluation.

Calibrations

The following issues were noted with the calibrations:

- For Method 300.00, the instrument blank/continuing calibration blank (CCB) for analytical batch 860-257734 contained Sulfate greater than the MDL and were not reanalyzed because associated samples results were either non-detect or greater than 10X the value found in the instrument blank/CCB.
- For Method 300.00, the instrument blank/CCB for analytical batch 860-258120 contained Sulfate greater than the MDL and were not reanalyzed because associated samples results were either non-detect or greater than 10X the value found in the instrument blank/CCB.
- For Method 300.0, the instrument blank/CCB for analytical batch 860-258365 contained Sulfate greater than the MDL and were not reanalyzed because associated samples results were either non-detect or greater than 10X the value found in the instrument blank/CCB.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

The following issues were noted with the method blanks:

- For Method 300.0, the method blank for analytical batch 860-257734 contained Sulfate above the MDL. This target analyte concentration was less than the RL in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. All associated field samples contained Sulfate at a concentration greater than 5X the method blank concentration and did not require qualifiers.

Finding: No qualifiers were added per this evaluation.

Field Blanks

The following issues were noted with the blank collected in the field:

- Fluoride, Sulfate, Boron, Calcium, Magnesium, Sodium, and Total Dissolved Solids were detected in the Field Blank at concentrations above the MDL. The field blank sample (FB-03) consists of distilled water that is exposed to ambient air on the day of sample

collection. All field sample results were either ND or contained Fluoride at a concentration greater than 5X the field blank concentration and did not require qualifiers. All field sample results contained concentrations of Sulfate, Boron, Calcium, Magnesium, Sodium, and Total Dissolved Solids concentrations greater than 5X the field blank concentrations, respectively, and did not require qualifiers.

- Chloride, Fluoride, Sulfate, Barium, Boron, Calcium, Potassium, Magnesium, Sodium, Total Alkalinity, and Radium-226 were detected in the Equipment Blank at concentrations above the MDL. The equipment blank sample (EB-02) consists of distilled water that was poured over decontaminated non-dedicated sampling equipment. All field sample results were either ND or contained Fluoride, Barium, and Total Alkalinity at a concentration greater than 5X the equipment blank concentration and did not require qualifiers. All field sample results detected contained concentrations of Chloride, Sulfate, Boron, Calcium, Potassium, Magnesium, and Sodium greater than 5X the equipment blank concentration and did not require qualifiers. The majority of the field samples collected contained concentrations of Radium-226 less than 5X the associated equipment blank concentration and required "JH" qualifiers.

Finding: "JH" flags were added to the Radium-226 results for samples EP-31, EP-32, EP-33, EP-35, EP-36, EP-37, EP-38, MW-04, and Dup-03 per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- By Method 300.0, the recoveries for analytical batch 258120 analyzed using sample EP-31 were outside control limits for Chloride (MS/MSD). Recoveries of Chloride in the MS/MSD samples were 112%, above the desired range of 90-110%. Due to high concentration, the MS/MSD for Sulfate could not be evaluated for accuracy and precision. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. The spiking amounts for Chloride were less than 4 times the result in the unspiked parent sample and didn't require qualifiers.
- By Method 6020A, the recoveries for analytical batch 258121 and preparation batch 257694 analyzed using sample EP-31 were outside control limits for Magnesium (MS/MSD), Boron (MS/MSD), Calcium (MS/MSD), and Sodium (MS/MSD). Recoveries of Magnesium in the MS/MSD samples were 214% and 45%, respectively, outside the desired range of 75-125%. Recoveries of Boron in the MS/MSD samples were -3982%

and 485%, respectively, outside the desired range of 75-125%. Recoveries of Calcium in the MS/MSD samples were -17523% and -84%, respectively, below the desired range of 75-125%. Recoveries of Sodium in the MS/MSD samples were -37481% and 363%, respectively, outside the desired range of 75-125%.

Findings: No qualifiers were added per this evaluation.

Charge Imbalance

The results for all collected samples were evaluated for charge imbalance. All samples were within the desired range of $<\pm 10\%$; therefore, all results were accepted and no qualifiers were required.

Findings: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

One field duplicate, identified as Dup-03, was collected with sample EP-33. Results indicate that RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes with concentrations less than five times the MQL. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: No qualifiers were added per this evaluation.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. In addition, qualifiers were added based on this review and evaluation (see Table 3).

REFERENCES

- GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
- TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13 https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rq/rq-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
08/20/2025	EET HOU/EET SL	860-109706-1	EP-31	Water
08/20/2025	EET HOU/EET SL	860-109706-2	EP-32	Water
08/20/2025	EET HOU/EET SL	860-109706-3	EP-33	Water
08/20/2025	EET HOU/EET SL	860-109706-4	EP-34	Water
08/20/2025	EET HOU/EET SL	860-109706-5	EP-35	Water
08/20/2025	EET HOU/EET SL	860-109706-6	EP-36	Water
08/20/2025	EET HOU/EET SL	860-109706-7	EP-37	Water
08/20/2025	EET HOU/EET SL	860-109706-8	EP-38	Water
08/20/2025	EET HOU/EET SL	860-109706-9	MW-04	Water
08/20/2025	EET HOU/EET SL	860-109706-10	Dup-03	Water
08/20/2025	EET HOU/EET SL	860-109706-11	FB-03	Water
08/20/2025	EET HOU/EET SL	860-109706-12	EB-02	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas; EET SL: Eurofins St. Louis, Earth City, Missouri;

TABLE 2
Field Duplicate Detections

Analyte	MDL (mg/L)	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference (RPD)
Antimony	0.00375	<0.00375	<0.00375	0.0
Arsenic	0.00345	<0.00345	<0.00345	0.0
Barium	0.00671	0.0113	0.0104	8.3
Beryllium	0.00136	<0.00136	<0.00136	0.0
Bicarbonate Alkalinity as CaCO ₃	4.00	244	242	0.8
Boron	1.6	43.8	52.7	18.4
Cadmium	0.0012	<0.0012	<0.0012	0.0
Calcium	3.01	378	391	3.4
Carbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Chloride	2.5	1810	1770	2.2
Chromium	0.0028	<0.0028	<0.0028	0.0
Cobalt	0.00178	<0.00178	<0.00178	0.0
Fluoride	1	<1	<1	0.0
Hydroxide Alkalinity	4.00	<4.00	<4.00	0.0
Lead	0.00184	<0.00184	<0.00184	0.0
Lithium	0.0174	0.385	0.396	2.8
Magnesium	0.0819	32.4	33.4	3.0
Mercury	0.0000706	<0.0000706	<0.0000706	0.0
Molybdenum	0.00128	0.00744 J	0.00786 J	5.5
Potassium	0.11	36.3	37.5	3.3
Radium-226 (pCi/L)	30.3	84	24.6	109.4
Radium-228 (pCi/L)	40.8	<10.6	<-2.5 G	323.5
Selenium	0.00295	<0.00295	<0.00295	0.0
Sodium	5.64	2310	2400	3.8
Sulfate	2	3260	3200	1.9
Thallium	0.00208	<0.00208	<0.00208	0.0
Total Alkalinity	4.00	244	242	0.8
Total Dissolved Solids	100	7050	7970	12.3

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. < = analyte not detected at the stated limit; J = result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value; G = the sample MDC is greater than the requested RL.
5. CaCO₃: Calcium carbonate

TABLE 3
Qualifiers Added During Data Usability Review

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
EP-31	Radium-226	80.6	pCi/L	JH	Detected result within 5X field blank concentration	736220	860-109706-1
EP-32	Radium-226	183	pCi/L	JH	Detected result within 5X field blank concentration	736227	860-109706-1
EP-33	Radium-226	84	pCi/L	JH	Detected result within 5X field blank concentration	736228	860-109706-1
EP-35	Radium-226	52.7	pCi/L	JH	Detected result within 5X field blank concentration	736225	860-109706-1
EP-36	Radium-226	90.1	pCi/L	JH	Detected result within 5X field blank concentration	736221	860-109706-1
EP-37	Radium-226	135	pCi/L	JH	Detected result within 5X field blank concentration	736226	860-109706-1
EP-38	Radium-226	106	pCi/L	JH	Detected result within 5X field blank concentration	736220	860-109706-1
MW-04	Radium-226	30.4	pCi/L	JH	Detected result within 5X field blank concentration	736228	860-109706-1
Dup-03	Radium-226	24.6	pCi/L	JH	Detected result within 5X field blank concentration	736220	860-109706-1

Notes:

1. mg/L: milligrams per liter; pCi/L: picocuries per liter
2. JH: estimated value, biased high

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 08/26/2025
Expiration Date: 06/30/2026
Certificate ID: TX-C25-00241

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/26/2025



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North,
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2025
Expiration Date: 07/31/2026
Certificate ID: TX-C25-00207

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-109706-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 9/19/2025 3:43:20 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op

JOB NUMBER

860-109706-1

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 3:43:20 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page 1

Table of Contents 3

Definitions/Glossary 4

Case Narrative 6

Detection Summary 9

Client Sample Results 13

QC Sample Results 25

QC Association Summary 37

Lab Chronicle 43

Certification Summary 49

Method Summary 50

Sample Summary 51

Chain of Custody 52

Receipt Checklists 54



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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

Eurofins Houston

Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1
2
3
4
5
6
7
8
9
10
11
12
13
14

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Job ID: 860-109706-1

Eurofins Houston

Job Narrative 860-109706-1

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 8/21/2025 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 2.2°C, 2.4°C, 3.2°C and 27.0°C.

Receipt Exceptions

The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): EB-2 (860-109706-12). The container labels and COC lists the sample ID as EB-02 while EB-2 was logged. This can be confirmed to be the correct sample.

HPLC/IC

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: EP-32 (860-109706-2), EP-33 (860-109706-3), EP-34 (860-109706-4), EP-35 (860-109706-5), EP-36 (860-109706-6), EP-37 (860-109706-7), EP-38 (860-109706-8), MW-04 (860-109706-9) and Dup-03 (860-109706-10). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The method blank for analytical batch 860-257734 contained Sulfate 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 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-257734 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 instrument blank/CCB for analytical batch 860-258120 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-258120 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 860-258120 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: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-258120 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-258365 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.

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Job ID: 860-109706-1 (Continued)

Eurofins Houston

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 860-258365 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-258365 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: EP-31 (860-109706-1). 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.

Metals

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-257694 and analytical batch 860-258121 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following sample was diluted due to the nature of the sample matrix: EP-31 (860-109706-1). Elevated reporting limits (RLs) are provided.

Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-257694 and analytical batch 860-258121 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: EP-32 (860-109706-2), EP-33 (860-109706-3), EP-34 (860-109706-4), EP-35 (860-109706-5), EP-36 (860-109706-6) and EP-37 (860-109706-7). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: EP-38 (860-109706-8), MW-04 (860-109706-9) and Dup-03 (860-109706-10). 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

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

Gamma Spectroscopy

Method 901.1_Ra: Gamma Batch 733736

The detection goal of 50.0 pCi/L was not met for Ra-226 and/or Ra-228 for the following samples. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra-226 and Ra-228 are well below the RL and MDC. EP-31 (860-109706-1), EP-32 (860-109706-2), EP-34 (860-109706-4), EP-35 (860-109706-5), EP-36 (860-109706-6), EP-37 (860-109706-7), MW-04 (860-109706-9), Dup-03 (860-109706-10) and FB-03 (860-109706-11)

Method 901.1_Ra: Gamma Batch 733736

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Job ID: 860-109706-1 (Continued)

Eurofins Houston

Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

EP-31 (860-109706-1), EP-32 (860-109706-2), EP-33 (860-109706-3), EP-34 (860-109706-4), EP-35 (860-109706-5), EP-36 (860-109706-6), EP-37 (860-109706-7), EP-38 (860-109706-8), MW-04 (860-109706-9), Dup-03 (860-109706-10), FB-03 (860-109706-11), EB-2 (860-109706-12) and (860-109706-F-1-C DU)

Method 901.1_Ra: Gamma Batch 733736

The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-226. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-733736/1-A).

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-31

Lab Sample ID: 860-109706-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	121		0.500	0.250	mg/L	1		300.0	Total/NA
Fluoride	2.07		0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate - DL	3020		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	0.588		0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0174	J	0.0200	0.00345	mg/L	5		6020A	Total/NA
Beryllium	0.0656		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	4.95	F2	0.500	0.200	mg/L	50		6020A	Total/NA
Cadmium	0.0134		0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	441	F2	5.00	1.50	mg/L	50		6020A	Total/NA
Cobalt	0.0976		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	39.6		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	39.6		0.500	0.0819	mg/L	5		6020A	Total/NA
Molybdenum	0.00137	J	0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	942	F2	5.00	2.82	mg/L	50		6020A	Total/NA
Antimony	0.0156		0.0100	0.00375	mg/L	5		6020A	Total/NA
Selenium	0.00412	J	0.0100	0.00295	mg/L	5		6020A	Total/NA
Total Dissolved Solids	4740		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-32

Lab Sample ID: 860-109706-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2410		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	4330	B	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.880		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0134	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Boron	15.2		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	426		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	43.4		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	51.5		0.500	0.0819	mg/L	5		6020A	Total/NA
Molybdenum	0.00473	J	0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	3030		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	217		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	217		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	10400		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-33

Lab Sample ID: 860-109706-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1810		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	3260	B	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.385		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0113	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Boron	43.8		4.00	1.60	mg/L	400		6020A	Total/NA
Calcium	378		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	36.3		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	32.4		0.500	0.0819	mg/L	5		6020A	Total/NA
Molybdenum	0.00744	J	0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	2310		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	244		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	244		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7050		100	100	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-34

Lab Sample ID: 860-109706-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	4020		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	3220	B	5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	0.817		0.0400	0.0174	mg/L	1			6010D	Total/NA
Barium	0.0152	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Boron	24.9		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	461		10.0	3.01	mg/L	100			6020A	Total/NA
Potassium	47.0		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	59.6		0.500	0.0819	mg/L	5			6020A	Total/NA
Molybdenum	0.00256	J	0.0100	0.00128	mg/L	5			6020A	Total/NA
Sodium	3690		10.0	5.64	mg/L	100			6020A	Total/NA
Total Alkalinity	261		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	261		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	10500		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EP-35

Lab Sample ID: 860-109706-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3770		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	2920	B	5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	0.811		0.0400	0.0174	mg/L	1			6010D	Total/NA
Barium	0.0182	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Boron	38.0		2.00	0.801	mg/L	200			6020A	Total/NA
Calcium	384		10.0	3.01	mg/L	100			6020A	Total/NA
Potassium	42.3		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	66.3		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	3140		10.0	5.64	mg/L	100			6020A	Total/NA
Total Alkalinity	166		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	166		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	11400		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EP-36

Lab Sample ID: 860-109706-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3530		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	2420	B	5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	0.797		0.0400	0.0174	mg/L	1			6010D	Total/NA
Barium	0.0236		0.0200	0.00671	mg/L	5			6020A	Total/NA
Boron	44.7		2.00	0.801	mg/L	200			6020A	Total/NA
Calcium	473		10.0	3.01	mg/L	100			6020A	Total/NA
Potassium	48.9		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	97.2		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	2700		10.0	5.64	mg/L	100			6020A	Total/NA
Total Alkalinity	159		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	159		4.00	4.00	mg/L	1			SM 2320B	Total/NA
Total Dissolved Solids	9120		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EP-37

Lab Sample ID: 860-109706-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2900		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate	2740	B	5.00	2.00	mg/L	10			300.0	Total/NA
Lithium	0.952		0.0400	0.0174	mg/L	1			6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-37 (Continued)

Lab Sample ID: 860-109706-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0149	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Boron	9.16		0.500	0.200	mg/L	50		6020A	Total/NA
Calcium	370		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	46.0		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	63.1		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	2690		10.0	5.64	mg/L	100		6020A	Total/NA
Total 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	8340		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EP-38

Lab Sample ID: 860-109706-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1200		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2480	B	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.459		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0137	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Boron	2.85		0.500	0.200	mg/L	50		6020A	Total/NA
Calcium	411		5.00	1.50	mg/L	50		6020A	Total/NA
Potassium	38.4		5.00	1.10	mg/L	50		6020A	Total/NA
Magnesium	60.8		5.00	0.819	mg/L	50		6020A	Total/NA
Sodium	1300		5.00	2.82	mg/L	50		6020A	Total/NA
Total Alkalinity	58.6		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	58.6		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	5230		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: MW-04

Lab Sample ID: 860-109706-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1570		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	2320	B	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.521		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0114	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Boron	11.5		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	270		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	37.8		10.0	2.20	mg/L	100		6020A	Total/NA
Magnesium	52.2		10.0	1.64	mg/L	100		6020A	Total/NA
Molybdenum	0.00221	J	0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	1640		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	132		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	132		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6270		40.0	40.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-03

Lab Sample ID: 860-109706-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1770		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate	3200	B	5.00	2.00	mg/L	10		300.0	Total/NA
Lithium	0.396		0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0104	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Boron	52.7		2.00	0.801	mg/L	200		6020A	Total/NA
Calcium	391		20.0	6.01	mg/L	200		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: Dup-03 (Continued)

Lab Sample ID: 860-109706-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	37.5		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	33.4		0.500	0.0819	mg/L	5		6020A	Total/NA
Molybdenum	0.00786	J	0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	2400		20.0	11.3	mg/L	200		6020A	Total/NA
Total Alkalinity	242		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	242		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	7970		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-03

Lab Sample ID: 860-109706-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.381	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	0.217	J	0.500	0.200	mg/L	1		300.0	Total/NA
Boron	0.0154		0.0100	0.00401	mg/L	1		6020A	Total/NA
Calcium	0.177		0.100	0.0301	mg/L	1		6020A	Total/NA
Magnesium	0.0188	J	0.100	0.0164	mg/L	1		6020A	Total/NA
Sodium	0.469		0.100	0.0564	mg/L	1		6020A	Total/NA
Total Dissolved Solids	6.50		5.00	5.00	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-2

Lab Sample ID: 860-109706-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.05		0.500	0.250	mg/L	1		300.0	Total/NA
Fluoride	0.103	J	0.500	0.100	mg/L	1		300.0	Total/NA
Sulfate	0.467	J	0.500	0.200	mg/L	1		300.0	Total/NA
Barium	0.00176	J	0.00400	0.00134	mg/L	1		6020A	Total/NA
Boron	0.0442		0.0100	0.00401	mg/L	1		6020A	Total/NA
Calcium	0.615		0.100	0.0301	mg/L	1		6020A	Total/NA
Potassium	0.222		0.100	0.0220	mg/L	1		6020A	Total/NA
Magnesium	0.0718	J	0.100	0.0164	mg/L	1		6020A	Total/NA
Sodium	2.66		0.100	0.0564	mg/L	1		6020A	Total/NA
Total Alkalinity	4.13		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	4.13		4.00	4.00	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-31

Lab Sample ID: 860-109706-1

Date Collected: 08/20/25 08:25

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		0.500	0.250	mg/L			08/27/25 20:39	1
Fluoride	2.07		0.500	0.100	mg/L			08/27/25 20:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3020		50.0	20.0	mg/L			08/28/25 11:15	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.588		0.0400	0.0174	mg/L		08/23/25 10:36	08/26/25 10:12	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0174	J	0.0200	0.00345	mg/L		08/26/25 09:15	08/26/25 19:57	5
Barium	0.00671	U	0.0200	0.00671	mg/L		08/26/25 09:15	08/26/25 19:57	5
Beryllium	0.0656		0.0100	0.00136	mg/L		08/26/25 09:15	08/26/25 19:57	5
Boron	4.95	F2	0.500	0.200	mg/L		08/26/25 09:15	08/26/25 20:00	50
Cadmium	0.0134		0.0100	0.00120	mg/L		08/26/25 09:15	08/26/25 19:57	5
Calcium	441	F2	5.00	1.50	mg/L		08/26/25 09:15	08/26/25 20:00	50
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 09:15	08/26/25 19:57	5
Cobalt	0.0976		0.0100	0.00178	mg/L		08/26/25 09:15	08/26/25 19:57	5
Potassium	39.6		0.500	0.110	mg/L		08/26/25 09:15	08/26/25 19:57	5
Magnesium	39.6		0.500	0.0819	mg/L		08/26/25 09:15	08/26/25 19:57	5
Molybdenum	0.00137	J	0.0100	0.00128	mg/L		08/26/25 09:15	08/26/25 19:57	5
Sodium	942	F2	5.00	2.82	mg/L		08/26/25 09:15	08/26/25 20:00	50
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 09:15	08/26/25 19:57	5
Antimony	0.0156		0.0100	0.00375	mg/L		08/26/25 09:15	08/26/25 19:57	5
Selenium	0.00412	J	0.0100	0.00295	mg/L		08/26/25 09:15	08/26/25 19:57	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 09:15	08/26/25 19:57	5

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		08/24/25 14:39	08/25/25 17:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:22	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:22	1
Total Dissolved Solids (SM 2540C)	4740		40.0	40.0	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	80.6		22.1	23.5	50.0	19.9	pCi/L	08/26/25 18:28	09/16/25 03:38	1
Radium-228	-1.75	U G	3.78	3.79	50.0	66.4	pCi/L	08/26/25 18:28	09/16/25 03:38	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-32

Lab Sample ID: 860-109706-2

Date Collected: 08/20/25 08:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2410		5.00	2.50	mg/L			08/26/25 16:54	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 16:54	10
Sulfate	4330	B	5.00	2.00	mg/L			08/26/25 16:54	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.880		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 18:23	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/26/25 09:15	08/26/25 20:48	5
Barium	0.0134	J	0.0200	0.00671	mg/L		08/26/25 09:15	08/26/25 20:48	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/26/25 09:15	08/26/25 20:48	5
Boron	15.2		1.00	0.401	mg/L		08/26/25 09:15	08/28/25 17:11	100
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 09:15	08/26/25 20:48	5
Calcium	426		10.0	3.01	mg/L		08/26/25 09:15	08/26/25 20:51	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 09:15	08/26/25 20:48	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/26/25 09:15	08/26/25 20:48	5
Potassium	43.4		0.500	0.110	mg/L		08/26/25 09:15	08/26/25 20:48	5
Magnesium	51.5		0.500	0.0819	mg/L		08/26/25 09:15	08/26/25 20:48	5
Molybdenum	0.00473	J	0.0100	0.00128	mg/L		08/26/25 09:15	08/26/25 20:48	5
Sodium	3030		10.0	5.64	mg/L		08/26/25 09:15	08/26/25 20:51	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 09:15	08/26/25 20:48	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 09:15	08/26/25 20:48	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 09:15	08/26/25 20:48	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 09:15	08/26/25 20:48	5

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		08/24/25 14:39	08/25/25 18:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	217		4.00	4.00	mg/L			08/28/25 20:25	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	217		4.00	4.00	mg/L			08/28/25 20:25	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:25	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:25	1
Total Dissolved Solids (SM 2540C)	10400		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	183		32.7	37.3	50.0	26.6	pCi/L	08/26/25 18:28	09/16/25 03:36	1
Radium-228	-0.302	U G	0.844	0.844	50.0	60.7	pCi/L	08/26/25 18:28	09/16/25 03:36	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-33

Lab Sample ID: 860-109706-3

Date Collected: 08/20/25 09:05

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1810		5.00	2.50	mg/L			08/26/25 17:07	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 17:07	10
Sulfate	3260	B	5.00	2.00	mg/L			08/26/25 17:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.385		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:14	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/26/25 09:15	08/26/25 20:54	5
Barium	0.0113	J	0.0200	0.00671	mg/L		08/26/25 09:15	08/26/25 20:54	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/26/25 09:15	08/26/25 20:54	5
Boron	43.8		4.00	1.60	mg/L		08/26/25 09:15	08/28/25 17:15	400
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 09:15	08/26/25 20:54	5
Calcium	378		10.0	3.01	mg/L		08/26/25 09:15	08/26/25 20:58	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 09:15	08/26/25 20:54	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/26/25 09:15	08/26/25 20:54	5
Potassium	36.3		0.500	0.110	mg/L		08/26/25 09:15	08/26/25 20:54	5
Magnesium	32.4		0.500	0.0819	mg/L		08/26/25 09:15	08/26/25 20:54	5
Molybdenum	0.00744	J	0.0100	0.00128	mg/L		08/26/25 09:15	08/26/25 20:54	5
Sodium	2310		10.0	5.64	mg/L		08/26/25 09:15	08/26/25 20:58	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 09:15	08/26/25 20:54	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 09:15	08/26/25 20:54	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 09:15	08/26/25 20:54	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 09:15	08/26/25 20:54	5

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		08/24/25 14:39	08/25/25 17:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	244		4.00	4.00	mg/L			08/28/25 20:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	244		4.00	4.00	mg/L			08/28/25 20:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:32	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:32	1
Total Dissolved Solids (SM 2540C)	7050		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	84.0		27.2	28.4	50.0	30.3	pCi/L	08/26/25 18:28	09/16/25 03:37	1
Radium-228	10.6	U	24.3	24.3	50.0	40.8	pCi/L	08/26/25 18:28	09/16/25 03:37	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-34

Lab Sample ID: 860-109706-4

Date Collected: 08/20/25 10:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4020		5.00	2.50	mg/L			08/26/25 17:20	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 17:20	10
Sulfate	3220	B	5.00	2.00	mg/L			08/26/25 17:20	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.817		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:28	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/26/25 09:15	08/26/25 21:01	5
Barium	0.0152	J	0.0200	0.00671	mg/L		08/26/25 09:15	08/26/25 21:01	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/26/25 09:15	08/26/25 21:01	5
Boron	24.9		1.00	0.401	mg/L		08/26/25 09:15	08/28/25 17:18	100
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 09:15	08/26/25 21:01	5
Calcium	461		10.0	3.01	mg/L		08/26/25 09:15	08/26/25 21:04	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 09:15	08/26/25 21:01	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/26/25 09:15	08/26/25 21:01	5
Potassium	47.0		0.500	0.110	mg/L		08/26/25 09:15	08/26/25 21:01	5
Magnesium	59.6		0.500	0.0819	mg/L		08/26/25 09:15	08/26/25 21:01	5
Molybdenum	0.00256	J	0.0100	0.00128	mg/L		08/26/25 09:15	08/26/25 21:01	5
Sodium	3690		10.0	5.64	mg/L		08/26/25 09:15	08/26/25 21:04	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 09:15	08/26/25 21:01	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 09:15	08/26/25 21:01	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 09:15	08/26/25 21:01	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 09:15	08/26/25 21:01	5

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		08/24/25 14:39	08/25/25 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	261		4.00	4.00	mg/L			08/28/25 20:38	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	261		4.00	4.00	mg/L			08/28/25 20:38	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:38	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:38	1
Total Dissolved Solids (SM 2540C)	10500		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	39.9	U	30.4	30.6	50.0	42.6	pCi/L	08/26/25 18:28	09/16/25 03:39	1
Radium-228	-5.68	U G	24.3	24.3	50.0	90.5	pCi/L	08/26/25 18:28	09/16/25 03:39	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-35

Lab Sample ID: 860-109706-5

Date Collected: 08/20/25 11:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3770		5.00	2.50	mg/L			08/26/25 17:32	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 17:32	10
Sulfate	2920	B	5.00	2.00	mg/L			08/26/25 17:32	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.811		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:42	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/26/25 09:15	08/26/25 21:07	5
Barium	0.0182	J	0.0200	0.00671	mg/L		08/26/25 09:15	08/26/25 21:07	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/26/25 09:15	08/26/25 21:07	5
Boron	38.0		2.00	0.801	mg/L		08/26/25 09:15	08/28/25 17:22	200
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 09:15	08/26/25 21:07	5
Calcium	384		10.0	3.01	mg/L		08/26/25 09:15	08/26/25 21:11	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 09:15	08/26/25 21:07	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/26/25 09:15	08/26/25 21:07	5
Potassium	42.3		0.500	0.110	mg/L		08/26/25 09:15	08/26/25 21:07	5
Magnesium	66.3		0.500	0.0819	mg/L		08/26/25 09:15	08/26/25 21:07	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/26/25 09:15	08/26/25 21:07	5
Sodium	3140		10.0	5.64	mg/L		08/26/25 09:15	08/26/25 21:11	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 09:15	08/26/25 21:07	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 09:15	08/26/25 21:07	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 09:15	08/26/25 21:07	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 09:15	08/26/25 21:07	5

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		08/24/25 14:39	08/25/25 17:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	166		4.00	4.00	mg/L			08/28/25 20:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	166		4.00	4.00	mg/L			08/28/25 20:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:44	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:44	1
Total Dissolved Solids (SM 2540C)	11400		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	52.7		20.9	21.5	50.0	25.4	pCi/L	08/26/25 18:28	09/16/25 03:39	1
Radium-228	-8.00	U G	31.8	31.8	50.0	55.8	pCi/L	08/26/25 18:28	09/16/25 03:39	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-36

Lab Sample ID: 860-109706-6

Date Collected: 08/20/25 10:55

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3530		5.00	2.50	mg/L			08/26/25 17:45	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 17:45	10
Sulfate	2420	B	5.00	2.00	mg/L			08/26/25 17:45	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.797		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:43	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/26/25 09:15	08/26/25 21:14	5
Barium	0.0236		0.0200	0.00671	mg/L		08/26/25 09:15	08/26/25 21:14	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/26/25 09:15	08/26/25 21:14	5
Boron	44.7		2.00	0.801	mg/L		08/26/25 09:15	08/28/25 17:26	200
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 09:15	08/26/25 21:14	5
Calcium	473		10.0	3.01	mg/L		08/26/25 09:15	08/26/25 21:22	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 09:15	08/26/25 21:14	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/26/25 09:15	08/26/25 21:14	5
Potassium	48.9		0.500	0.110	mg/L		08/26/25 09:15	08/26/25 21:14	5
Magnesium	97.2		0.500	0.0819	mg/L		08/26/25 09:15	08/26/25 21:14	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/26/25 09:15	08/26/25 21:14	5
Sodium	2700		10.0	5.64	mg/L		08/26/25 09:15	08/26/25 21:22	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 09:15	08/26/25 21:14	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 09:15	08/26/25 21:14	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 09:15	08/26/25 21:14	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 09:15	08/26/25 21:14	5

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		08/24/25 14:39	08/25/25 17:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	159		4.00	4.00	mg/L			08/28/25 20:51	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	159		4.00	4.00	mg/L			08/28/25 20:51	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:51	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:51	1
Total Dissolved Solids (SM 2540C)	9120		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	90.1		25.8	27.3	50.0	30.6	pCi/L	08/26/25 18:28	09/16/25 03:39	1
Radium-228	3.82	U G	7.79	7.80	50.0	61.7	pCi/L	08/26/25 18:28	09/16/25 03:39	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-37

Lab Sample ID: 860-109706-7

Date Collected: 08/20/25 08:35

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2900		5.00	2.50	mg/L			08/26/25 18:11	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 18:11	10
Sulfate	2740	B	5.00	2.00	mg/L			08/26/25 18:11	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.952		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:45	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/26/25 09:15	08/26/25 21:26	5
Barium	0.0149	J	0.0200	0.00671	mg/L		08/26/25 09:15	08/26/25 21:26	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/26/25 09:15	08/26/25 21:26	5
Boron	9.16		0.500	0.200	mg/L		08/26/25 09:15	08/28/25 17:29	50
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/26/25 09:15	08/26/25 21:26	5
Calcium	370		10.0	3.01	mg/L		08/26/25 09:15	08/26/25 21:29	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/26/25 09:15	08/26/25 21:26	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/26/25 09:15	08/26/25 21:26	5
Potassium	46.0		0.500	0.110	mg/L		08/26/25 09:15	08/26/25 21:26	5
Magnesium	63.1		0.500	0.0819	mg/L		08/26/25 09:15	08/26/25 21:26	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/26/25 09:15	08/26/25 21:26	5
Sodium	2690		10.0	5.64	mg/L		08/26/25 09:15	08/26/25 21:29	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/26/25 09:15	08/26/25 21:26	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/26/25 09:15	08/26/25 21:26	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/26/25 09:15	08/26/25 21:26	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/26/25 09:15	08/26/25 21:26	5

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		08/24/25 14:39	08/25/25 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	204		4.00	4.00	mg/L			08/28/25 20:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	204		4.00	4.00	mg/L			08/28/25 20:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:57	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 20:57	1
Total Dissolved Solids (SM 2540C)	8340		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	135		31.5	34.1	50.0	31.7	pCi/L	08/26/25 18:28	09/16/25 03:40	1
Radium-228	13.5	U G	44.4	44.4	50.0	65.5	pCi/L	08/26/25 18:28	09/16/25 03:40	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-38

Lab Sample ID: 860-109706-8

Date Collected: 08/20/25 10:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		5.00	2.50	mg/L			08/26/25 18:23	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 18:23	10
Sulfate	2480	B	5.00	2.00	mg/L			08/26/25 18:23	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.459		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:46	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/25/25 10:30	08/29/25 17:44	5
Barium	0.0137	J	0.0200	0.00671	mg/L		08/25/25 10:30	08/29/25 17:44	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/25/25 10:30	08/29/25 17:44	5
Boron	2.85		0.500	0.200	mg/L		08/25/25 10:30	08/28/25 16:48	50
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/25/25 10:30	08/29/25 17:44	5
Calcium	411		5.00	1.50	mg/L		08/25/25 10:30	08/28/25 16:48	50
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/25/25 10:30	08/29/25 17:44	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/25/25 10:30	08/29/25 17:44	5
Potassium	38.4		5.00	1.10	mg/L		08/25/25 10:30	08/28/25 16:48	50
Magnesium	60.8		5.00	0.819	mg/L		08/25/25 10:30	08/28/25 16:48	50
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/25/25 10:30	08/29/25 17:44	5
Sodium	1300		5.00	2.82	mg/L		08/25/25 10:30	08/28/25 16:48	50
Lead	0.00184	U	0.0100	0.00184	mg/L		08/25/25 10:30	08/29/25 17:44	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/25/25 10:30	08/29/25 17:44	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/25/25 10:30	08/29/25 17:44	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/25/25 10:30	08/29/25 17:44	5

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		08/24/25 14:39	08/25/25 17:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	58.6		4.00	4.00	mg/L			08/28/25 21:03	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	58.6		4.00	4.00	mg/L			08/28/25 21:03	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 21:03	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 21:03	1
Total Dissolved Solids (SM 2540C)	5230		40.0	40.0	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	106		23.9	26.1	50.0	17.9	pCi/L	08/26/25 18:28	09/16/25 07:40	1
Radium-228	9.57	U	26.7	26.7	50.0	44.1	pCi/L	08/26/25 18:28	09/16/25 07:40	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: MW-04

Lab Sample ID: 860-109706-9

Date Collected: 08/20/25 09:15

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1570		5.00	2.50	mg/L			08/26/25 18:36	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 18:36	10
Sulfate	2320	B	5.00	2.00	mg/L			08/26/25 18:36	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.521		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:48	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/25/25 10:30	08/29/25 17:47	5
Barium	0.0114	J	0.0200	0.00671	mg/L		08/25/25 10:30	08/29/25 17:47	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/25/25 10:30	08/29/25 17:47	5
Boron	11.5		1.00	0.401	mg/L		08/25/25 10:30	08/28/25 16:51	100
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/25/25 10:30	08/29/25 17:47	5
Calcium	270		10.0	3.01	mg/L		08/25/25 10:30	08/28/25 16:51	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/25/25 10:30	08/29/25 17:47	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/25/25 10:30	08/29/25 17:47	5
Potassium	37.8		10.0	2.20	mg/L		08/25/25 10:30	08/28/25 16:51	100
Magnesium	52.2		10.0	1.64	mg/L		08/25/25 10:30	08/28/25 16:51	100
Molybdenum	0.00221	J	0.0100	0.00128	mg/L		08/25/25 10:30	08/29/25 17:47	5
Sodium	1640		10.0	5.64	mg/L		08/25/25 10:30	08/28/25 16:51	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/25/25 10:30	08/29/25 17:47	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/25/25 10:30	08/29/25 17:47	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/25/25 10:30	08/29/25 17:47	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/25/25 10:30	08/29/25 17:47	5

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		08/24/25 14:39	08/25/25 17:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	132		4.00	4.00	mg/L			08/29/25 08:20	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	132		4.00	4.00	mg/L			08/29/25 08:20	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:20	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:20	1
Total Dissolved Solids (SM 2540C)	6270		40.0	40.0	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	30.4		18.5	18.7	50.0	25.2	pCi/L	08/26/25 18:28	09/16/25 07:40	1
Radium-228	-2.98	U G	13.6	13.6	50.0	55.0	pCi/L	08/26/25 18:28	09/16/25 07:40	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: Dup-03

Lab Sample ID: 860-109706-10

Date Collected: 08/20/25 09:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1770		5.00	2.50	mg/L			08/26/25 18:49	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/26/25 18:49	10
Sulfate	3200	B	5.00	2.00	mg/L			08/26/25 18:49	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.396		0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:49	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/25/25 10:30	08/29/25 17:51	5
Barium	0.0104	J	0.0200	0.00671	mg/L		08/25/25 10:30	08/29/25 17:51	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/25/25 10:30	08/29/25 17:51	5
Boron	52.7		2.00	0.801	mg/L		08/25/25 10:30	08/28/25 16:54	200
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/25/25 10:30	08/29/25 17:51	5
Calcium	391		20.0	6.01	mg/L		08/25/25 10:30	08/28/25 16:54	200
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/25/25 10:30	08/29/25 17:51	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/25/25 10:30	08/29/25 17:51	5
Potassium	37.5		0.500	0.110	mg/L		08/25/25 10:30	08/29/25 17:51	5
Magnesium	33.4		0.500	0.0819	mg/L		08/25/25 10:30	08/29/25 17:51	5
Molybdenum	0.00786	J	0.0100	0.00128	mg/L		08/25/25 10:30	08/29/25 17:51	5
Sodium	2400		20.0	11.3	mg/L		08/25/25 10:30	08/28/25 16:54	200
Lead	0.00184	U	0.0100	0.00184	mg/L		08/25/25 10:30	08/29/25 17:51	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/25/25 10:30	08/29/25 17:51	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/25/25 10:30	08/29/25 17:51	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/25/25 10:30	08/29/25 17:51	5

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		08/24/25 14:39	08/25/25 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	242		4.00	4.00	mg/L			08/29/25 08:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	242		4.00	4.00	mg/L			08/29/25 08:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:26	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:26	1
Total Dissolved Solids (SM 2540C)	7970		100	100	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	24.6		13.2	13.4	50.0	16.1	pCi/L	08/26/25 18:28	09/16/25 08:58	1
Radium-228	-2.50	U G	5.10	5.10	50.0	50.8	pCi/L	08/26/25 18:28	09/16/25 08:58	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: FB-03

Lab Sample ID: 860-109706-11

Date Collected: 08/20/25 11:20

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.250	U	0.500	0.250	mg/L			08/26/25 19:59	1
Fluoride	0.381	J	0.500	0.100	mg/L			08/26/25 19:59	1
Sulfate	0.217	J	0.500	0.200	mg/L			08/26/25 19:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:51	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/25/25 10:30	08/28/25 16:57	1
Barium	0.00134	U	0.00400	0.00134	mg/L		08/25/25 10:30	08/25/25 20:20	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/25/25 10:30	08/28/25 16:57	1
Boron	0.0154		0.0100	0.00401	mg/L		08/25/25 10:30	08/28/25 16:57	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/25/25 10:30	08/28/25 16:57	1
Calcium	0.177		0.100	0.0301	mg/L		08/25/25 10:30	08/28/25 16:57	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/25/25 10:30	08/28/25 16:57	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/25/25 10:30	08/28/25 16:57	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/25/25 10:30	08/28/25 16:57	1
Magnesium	0.0188	J	0.100	0.0164	mg/L		08/25/25 10:30	08/28/25 16:57	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/25/25 10:30	08/28/25 16:57	1
Sodium	0.469		0.100	0.0564	mg/L		08/25/25 10:30	08/28/25 16:57	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/25/25 10:30	08/25/25 20:20	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/25/25 10:30	08/25/25 20:20	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/25/25 10:30	08/28/25 16:57	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/25/25 10:30	08/25/25 20:20	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		08/24/25 14:39	08/25/25 17:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:32	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:32	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:32	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:32	1
Total Dissolved Solids (SM 2540C)	6.50		5.00	5.00	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	35.1	U G	16.1	16.5	50.0	55.3	pCi/L	08/26/25 18:28	09/16/25 08:57	1
Radium-228	-18.3	U G	34.5	34.6	50.0	60.7	pCi/L	08/26/25 18:28	09/16/25 08:57	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EB-2

Lab Sample ID: 860-109706-12

Date Collected: 08/20/25 09:40

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.05		0.500	0.250	mg/L			08/26/25 20:18	1
Fluoride	0.103	J	0.500	0.100	mg/L			08/26/25 20:18	1
Sulfate	0.467	J	0.500	0.200	mg/L			08/26/25 20:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/23/25 10:38	08/23/25 17:59	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/25/25 10:30	08/25/25 20:23	1
Barium	0.00176	J	0.00400	0.00134	mg/L		08/25/25 10:30	08/25/25 20:23	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/25/25 10:30	08/25/25 20:23	1
Boron	0.0442		0.0100	0.00401	mg/L		08/25/25 10:30	08/28/25 17:05	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/25/25 10:30	08/25/25 20:23	1
Calcium	0.615		0.100	0.0301	mg/L		08/25/25 10:30	08/28/25 17:05	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/25/25 10:30	08/25/25 20:23	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/25/25 10:30	08/25/25 20:23	1
Potassium	0.222		0.100	0.0220	mg/L		08/25/25 10:30	08/28/25 17:05	1
Magnesium	0.0718	J	0.100	0.0164	mg/L		08/25/25 10:30	08/28/25 17:05	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/25/25 10:30	08/25/25 20:23	1
Sodium	2.66		0.100	0.0564	mg/L		08/25/25 10:30	08/28/25 17:05	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/25/25 10:30	08/25/25 20:23	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/25/25 10:30	08/25/25 20:23	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/25/25 10:30	08/28/25 17:05	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/25/25 10:30	08/25/25 20:23	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		08/24/25 14:39	08/25/25 17:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.13		4.00	4.00	mg/L			08/29/25 08:36	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.13		4.00	4.00	mg/L			08/29/25 08:36	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:36	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/29/25 08:36	1
Total Dissolved Solids (SM 2540C)	5.00	U	5.00	5.00	mg/L			08/27/25 16:57	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	44.9		21.8	22.3	50.0	26.6	pCi/L	08/26/25 18:28	09/16/25 08:58	1
Radium-228	13.7	U	29.7	29.7	50.0	48.5	pCi/L	08/26/25 18:28	09/16/25 08:58	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-257734/3

Matrix: Water

Analysis Batch: 257734

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 10:38	1
Fluoride	0.100	U	0.500	0.100	mg/L			08/26/25 10:38	1
Sulfate	0.200	U	0.500	0.200	mg/L			08/26/25 10:38	1

Lab Sample ID: MB 860-257734/39

Matrix: Water

Analysis Batch: 257734

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 14:28	1
Fluoride	0.100	U	0.500	0.100	mg/L			08/26/25 14:28	1
Sulfate	0.2272	J	0.500	0.200	mg/L			08/26/25 14:28	1

Lab Sample ID: MB 860-257734/86

Matrix: Water

Analysis Batch: 257734

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 19:27	1
Fluoride	0.100	U	0.500	0.100	mg/L			08/26/25 19:27	1
Sulfate	0.200	U	0.500	0.200	mg/L			08/26/25 19:27	1

Lab Sample ID: LCS 860-257734/40

Matrix: Water

Analysis Batch: 257734

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	9.635		mg/L		96	90 - 110
Fluoride	10.0	10.15		mg/L		102	90 - 110
Sulfate	10.0	9.588		mg/L		96	90 - 110

Lab Sample ID: LCS 860-257734/87

Matrix: Water

Analysis Batch: 257734

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	9.572		mg/L		96	90 - 110
Fluoride	10.0	10.13		mg/L		101	90 - 110
Sulfate	10.0	9.509		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-257734/41

Matrix: Water

Analysis Batch: 257734

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	10.12		mg/L		101	90 - 110	5	20
Fluoride	10.0	10.70		mg/L		107	90 - 110	5	20
Sulfate	10.0	10.09		mg/L		101	90 - 110	5	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-257734/88

Matrix: Water

Analysis Batch: 257734

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte				Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
				Added	Result	Qualifier				Limits		
Chloride				10.0	10.06		mg/L		101	90 - 110	5	20
Fluoride				10.0	10.65		mg/L		106	90 - 110	5	20
Sulfate				10.0	10.02		mg/L		100	90 - 110	5	20

Lab Sample ID: LLCS 860-257734/7

Matrix: Water

Analysis Batch: 257734

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte				Spike	LLCS	LLCS	Unit	D	%Rec	%Rec	RPD	Limit
				Added	Result	Qualifier				Limits		
Chloride				0.500	0.6582		mg/L		132	50 - 150		
Fluoride				0.500	0.4416	J	mg/L		88	50 - 150		
Sulfate				0.500	0.6040		mg/L		121	50 - 150		

Lab Sample ID: 860-109706-10 MS

Matrix: Water

Analysis Batch: 257734

Client Sample ID: Dup-03

Prep Type: Total/NA

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	1740		1000	2780		mg/L		104	90 - 110		
Fluoride	10.0	U	1000	1081		mg/L		108	90 - 110		
Sulfate	3180	B	1000	4231		mg/L		105	90 - 110		

Lab Sample ID: 860-109706-10 MSD

Matrix: Water

Analysis Batch: 257734

Client Sample ID: Dup-03

Prep Type: Total/NA

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	1740		1000	2787		mg/L		104	90 - 110	0	15
Fluoride	10.0	U	1000	1087		mg/L		109	90 - 110	1	15
Sulfate	3180	B	1000	4236		mg/L		106	90 - 110	0	15

Lab Sample ID: 860-109706-11 MS

Matrix: Water

Analysis Batch: 257734

Client Sample ID: FB-03

Prep Type: Total/NA

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	0.250	U	10.0	10.40		mg/L		104	90 - 110		
Fluoride	0.381	J	10.0	11.23		mg/L		109	90 - 110		
Sulfate	0.217	J	10.0	10.37		mg/L		101	90 - 110		

Lab Sample ID: 860-109706-11 MSD

Matrix: Water

Analysis Batch: 257734

Client Sample ID: FB-03

Prep Type: Total/NA

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chloride	0.250	U	10.0	10.43		mg/L		104	90 - 110	0	15
Fluoride	0.381	J	10.0	11.40		mg/L		110	90 - 110	1	15
Sulfate	0.217	J	10.0	10.39		mg/L		102	90 - 110	0	15

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-258120/3

Matrix: Water

Analysis Batch: 258120

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 09:35	1
Fluoride	0.100	U	0.500	0.100	mg/L			08/27/25 09:35	1
Sulfate	0.200	U	0.500	0.200	mg/L			08/27/25 09:35	1

Lab Sample ID: LCS 860-258120/4

Matrix: Water

Analysis Batch: 258120

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	9.721		mg/L		97	90 - 110
Fluoride	10.0	10.00		mg/L		100	90 - 110
Sulfate	10.0	9.998		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-258120/5

Matrix: Water

Analysis Batch: 258120

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	9.641		mg/L		96	90 - 110	1	20
Fluoride	10.0	9.939		mg/L		99	90 - 110	1	20
Sulfate	10.0	9.905		mg/L		99	90 - 110	1	20

Lab Sample ID: 860-109706-1 MS

Matrix: Water

Analysis Batch: 258120

Client Sample ID: EP-31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	124	F1	100	235.7	F1	mg/L		112	90 - 110
Fluoride	1.73	J	100	103.5		mg/L		102	90 - 110

Lab Sample ID: 860-109706-1 MSD

Matrix: Water

Analysis Batch: 258120

Client Sample ID: EP-31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	124	F1	100	235.8	F1	mg/L		112	90 - 110	0	15
Fluoride	1.73	J	100	106.4		mg/L		105	90 - 110	3	15

Lab Sample ID: MB 860-258365/3

Matrix: Water

Analysis Batch: 258365

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 10:24	1
Fluoride	0.100	U	0.500	0.100	mg/L			08/28/25 10:24	1
Sulfate	0.200	U	0.500	0.200	mg/L			08/28/25 10:24	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-258365/4

Matrix: Water

Analysis Batch: 258365

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	9.647		mg/L		96	90 - 110
Fluoride	10.0	9.848		mg/L		98	90 - 110
Sulfate	10.0	9.954		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-258365/5

Matrix: Water

Analysis Batch: 258365

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	9.580		mg/L		96	90 - 110	1	20
Fluoride	10.0	9.788		mg/L		98	90 - 110	1	20
Sulfate	10.0	9.874		mg/L		99	90 - 110	1	20

Lab Sample ID: LLCS 860-258365/7

Matrix: Water

Analysis Batch: 258365

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	0.4967	J	mg/L		99	50 - 150
Fluoride	0.500	0.4504	J	mg/L		90	50 - 150
Sulfate	0.500	0.6754		mg/L		135	50 - 150

Lab Sample ID: 860-109706-1 MS

Matrix: Water

Analysis Batch: 258365

Client Sample ID: EP-31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	3020		1000	4080		mg/L		106	90 - 110

Lab Sample ID: 860-109706-1 MSD

Matrix: Water

Analysis Batch: 258365

Client Sample ID: EP-31

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	3020		1000	4080		mg/L		106	90 - 110	0	15

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
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/23/25 10:35	08/26/25 10:07	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

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
Lithium	1.00	0.9980		mg/L		100	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
Lithium	1.00	0.9920		mg/L		99	80 - 120	1	20

Lab Sample ID: 860-109706-1 MS

Matrix: Water

Analysis Batch: 257880

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.588		1.00	1.690		mg/L		110	75 - 125

Lab Sample ID: 860-109706-1 MSD

Matrix: Water

Analysis Batch: 257880

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.588		1.00	1.670		mg/L		108	75 - 125	1	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
Lithium	0.0174	U	0.0400	0.0174	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
Lithium	1.00	0.9250		mg/L		93	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
Lithium	1.00	0.9220		mg/L		92	80 - 120	0	20

Lab Sample ID: 860-109706-3 MS

Matrix: Water

Analysis Batch: 257693

Client Sample ID: EP-33

Prep Type: Total/NA

Prep Batch: 257218

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.385		1.00	1.470		mg/L		109	75 - 125

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method: 6010D - Metals (ICP)

Lab Sample ID: 860-109706-3 MSD
Matrix: Water
Analysis Batch: 257693

Client Sample ID: EP-33
Prep Type: Total/NA
Prep Batch: 257218

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.385		1.00	1.440		mg/L		106	75 - 125	2	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-257437/1-A
Matrix: Water
Analysis Batch: 257565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/25/25 10:30	08/25/25 18:07	1
Barium	0.00134	U	0.00400	0.00134	mg/L		08/25/25 10:30	08/25/25 18:07	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/25/25 10:30	08/25/25 18:07	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/25/25 10:30	08/25/25 18:07	1
Calcium	0.0301	U	0.100	0.0301	mg/L		08/25/25 10:30	08/25/25 18:07	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/25/25 10:30	08/25/25 18:07	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/25/25 10:30	08/25/25 18:07	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/25/25 10:30	08/25/25 18:07	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/25/25 10:30	08/25/25 18:07	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/25/25 10:30	08/25/25 18:07	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/25/25 10:30	08/25/25 18:07	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/25/25 10:30	08/25/25 18:07	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/25/25 10:30	08/25/25 18:07	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/25/25 10:30	08/25/25 18:07	1

Lab Sample ID: MB 860-257437/1-A
Matrix: Water
Analysis Batch: 258748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		08/25/25 10:30	08/28/25 16:29	1
Sodium	0.0564	U	0.100	0.0564	mg/L		08/25/25 10:30	08/28/25 16:29	1

Lab Sample ID: LCS 860-257437/2-A
Matrix: Water
Analysis Batch: 257565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09966		mg/L		100	80 - 120
Barium	0.100	0.09875		mg/L		99	80 - 120
Beryllium	0.100	0.1028		mg/L		103	80 - 120
Cadmium	0.100	0.1023		mg/L		102	80 - 120
Calcium	2.50	2.359		mg/L		94	80 - 120
Chromium	0.100	0.09739		mg/L		97	80 - 120
Cobalt	0.100	0.09760		mg/L		98	80 - 120
Potassium	1.00	0.9689		mg/L		97	80 - 120
Magnesium	2.50	2.503		mg/L		100	80 - 120
Molybdenum	0.100	0.09477		mg/L		95	80 - 120
Lead	0.100	0.1007		mg/L		101	80 - 120
Antimony	0.100	0.08027		mg/L		80	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

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

Lab Sample ID: LCS 860-257437/2-A

Matrix: Water

Analysis Batch: 257565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.1018		mg/L		102	80 - 120
Thallium	0.100	0.1052		mg/L		105	80 - 120

Lab Sample ID: LCS 860-257437/2-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09494		mg/L		95	80 - 120
Sodium	2.50	2.412		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-257437/3-A

Matrix: Water

Analysis Batch: 257565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09729		mg/L		97	80 - 120	2	20
Barium	0.100	0.09766		mg/L		98	80 - 120	1	20
Beryllium	0.100	0.1030		mg/L		103	80 - 120	0	20
Cadmium	0.100	0.1011		mg/L		101	80 - 120	1	20
Calcium	2.50	2.267		mg/L		91	80 - 120	4	20
Chromium	0.100	0.09548		mg/L		95	80 - 120	2	20
Cobalt	0.100	0.09570		mg/L		96	80 - 120	2	20
Potassium	1.00	0.9720		mg/L		97	80 - 120	0	20
Magnesium	2.50	2.480		mg/L		99	80 - 120	1	20
Molybdenum	0.100	0.09443		mg/L		94	80 - 120	0	20
Lead	0.100	0.1002		mg/L		100	80 - 120	1	20
Antimony	0.100	0.08328		mg/L		83	80 - 120	4	20
Selenium	0.100	0.1012		mg/L		101	80 - 120	1	20
Thallium	0.100	0.1036		mg/L		104	80 - 120	1	20

Lab Sample ID: LCSD 860-257437/3-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257437

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.09860		mg/L		99	80 - 120	4	20
Sodium	2.50	2.416		mg/L		97	80 - 120	0	20

Lab Sample ID: MB 860-257631/1-B

Matrix: Water

Analysis Batch: 258121

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257694

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/26/25 09:14	08/26/25 19:48	1
Barium	0.00134	U	0.00400	0.00134	mg/L		08/26/25 09:14	08/26/25 19:48	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/26/25 09:14	08/26/25 19:48	1
Boron	0.00401	U	0.0100	0.00401	mg/L		08/26/25 09:14	08/26/25 19:48	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/26/25 09:14	08/26/25 19:48	1
Calcium	0.0301	U	0.100	0.0301	mg/L		08/26/25 09:14	08/26/25 19:48	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

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

Lab Sample ID: MB 860-257631/1-B

Matrix: Water

Analysis Batch: 258121

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257694

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/26/25 09:14	08/26/25 19:48	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/26/25 09:14	08/26/25 19:48	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/26/25 09:14	08/26/25 19:48	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/26/25 09:14	08/26/25 19:48	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/26/25 09:14	08/26/25 19:48	1
Sodium	0.0564	U	0.100	0.0564	mg/L		08/26/25 09:14	08/26/25 19:48	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/26/25 09:14	08/26/25 19:48	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/26/25 09:14	08/26/25 19:48	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/26/25 09:14	08/26/25 19:48	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/26/25 09:14	08/26/25 19:48	1

Lab Sample ID: LCS 860-257631/2-B

Matrix: Water

Analysis Batch: 258121

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1008		mg/L		101	80 - 120
Barium	0.100	0.1006		mg/L		101	80 - 120
Beryllium	0.100	0.1014		mg/L		101	80 - 120
Boron	0.100	0.09202		mg/L		92	80 - 120
Cadmium	0.100	0.1011		mg/L		101	80 - 120
Calcium	2.50	2.410		mg/L		96	80 - 120
Chromium	0.100	0.09972		mg/L		100	80 - 120
Cobalt	0.100	0.09993		mg/L		100	80 - 120
Potassium	1.00	0.9889		mg/L		99	80 - 120
Magnesium	2.50	2.485		mg/L		99	80 - 120
Molybdenum	0.100	0.09519		mg/L		95	80 - 120
Sodium	2.50	2.505		mg/L		100	80 - 120
Lead	0.100	0.1012		mg/L		101	80 - 120
Antimony	0.100	0.09381		mg/L		94	80 - 120
Selenium	0.100	0.1030		mg/L		103	80 - 120
Thallium	0.100	0.1031		mg/L		103	80 - 120

Lab Sample ID: LCSD 860-257631/3-B

Matrix: Water

Analysis Batch: 258121

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.1011		mg/L		101	80 - 120	0	20
Barium	0.100	0.1011		mg/L		101	80 - 120	0	20
Beryllium	0.100	0.1016		mg/L		102	80 - 120	0	20
Boron	0.100	0.09483		mg/L		95	80 - 120	3	20
Cadmium	0.100	0.1010		mg/L		101	80 - 120	0	20
Calcium	2.50	2.440		mg/L		98	80 - 120	1	20
Chromium	0.100	0.09962		mg/L		100	80 - 120	0	20
Cobalt	0.100	0.09893		mg/L		99	80 - 120	1	20
Potassium	1.00	0.9889		mg/L		99	80 - 120	0	20
Magnesium	2.50	2.462		mg/L		98	80 - 120	1	20
Molybdenum	0.100	0.09520		mg/L		95	80 - 120	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

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

Lab Sample ID: LCSD 860-257631/3-B

Matrix: Water

Analysis Batch: 258121

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	2.50	2.490		mg/L		100	80 - 120	1	20
Lead	0.100	0.1021		mg/L		102	80 - 120	1	20
Antimony	0.100	0.09758		mg/L		98	80 - 120	4	20
Selenium	0.100	0.1031		mg/L		103	80 - 120	0	20
Thallium	0.100	0.1041		mg/L		104	80 - 120	1	20

Lab Sample ID: 860-109706-1 MS

Matrix: Water

Analysis Batch: 258121

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0174	J	0.100	0.1156		mg/L		98	75 - 125
Barium	0.00671	U	0.100	0.1050		mg/L		105	75 - 125
Beryllium	0.0656		0.100	0.1689		mg/L		103	75 - 125
Cadmium	0.0134		0.100	0.1139		mg/L		100	75 - 125
Chromium	0.00280	U	0.100	0.09789		mg/L		98	75 - 125
Cobalt	0.0976		0.100	0.2030		mg/L		105	75 - 125
Potassium	39.6		1.00	40.67	4	mg/L		103	75 - 125
Magnesium	39.6		2.50	44.97	4	mg/L		214	75 - 125
Molybdenum	0.00137	J	0.100	0.09636		mg/L		95	75 - 125
Lead	0.00184	U	0.100	0.1035		mg/L		104	75 - 125
Antimony	0.0156		0.100	0.1019		mg/L		86	75 - 125
Selenium	0.00412	J	0.100	0.1070		mg/L		103	75 - 125
Thallium	0.00208	U	0.100	0.1051		mg/L		105	75 - 125

Lab Sample ID: 860-109706-1 MS

Matrix: Water

Analysis Batch: 258121

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	4.95	F2	0.100	0.9705	4	mg/L		-3982	75 - 125
Calcium	441	F2	2.50	3.222	J 4	mg/L		-1752	75 - 125
Sodium	942	F2	2.50	5.428	4	mg/L		-3748	75 - 125

Lab Sample ID: 860-109706-1 MSD

Matrix: Water

Analysis Batch: 258121

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.0174	J	0.100	0.1128		mg/L		95	75 - 125	2	20
Barium	0.00671	U	0.100	0.1023		mg/L		102	75 - 125	3	20
Beryllium	0.0656		0.100	0.1599		mg/L		94	75 - 125	5	20
Cadmium	0.0134		0.100	0.1086		mg/L		95	75 - 125	5	20
Chromium	0.00280	U	0.100	0.09595		mg/L		96	75 - 125	2	20
Cobalt	0.0976		0.100	0.1874		mg/L		90	75 - 125	8	20
Potassium	39.6		1.00	40.42	4	mg/L		78	75 - 125	1	20
Magnesium	39.6		2.50	40.76	4	mg/L		45	75 - 125	10	20
Molybdenum	0.00137	J	0.100	0.09525		mg/L		94	75 - 125	1	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

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

Lab Sample ID: 860-109706-1 MSD

Matrix: Water

Analysis Batch: 258121

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	0.00184	U	0.100	0.1013		mg/L		101	75 - 125	2	20
Antimony	0.0156		0.100	0.09694		mg/L		81	75 - 125	5	20
Selenium	0.00412	J	0.100	0.1051		mg/L		101	75 - 125	2	20
Thallium	0.00208	U	0.100	0.1031		mg/L		103	75 - 125	2	20

Lab Sample ID: 860-109706-1 MSD

Matrix: Water

Analysis Batch: 258121

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257694

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	4.95	F2	0.100	5.438	4 F2	mg/L		485	75 - 125	139	20
Calcium	441	F2	2.50	439.2	4 F2	mg/L		-84	75 - 125	197	20
Sodium	942	F2	2.50	951.5	4 F2	mg/L		363	75 - 125	198	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-257315/10-A

Matrix: Water

Analysis Batch: 257641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257315

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		08/24/25 14:39	08/25/25 17:25	1

Lab Sample ID: LCS 860-257315/11-A

Matrix: Water

Analysis Batch: 257641

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257315

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.002129		mg/L		106	80 - 120		

Lab Sample ID: LCSD 860-257315/12-A

Matrix: Water

Analysis Batch: 257641

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257315

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.002067		mg/L		103	80 - 120	3	20

Lab Sample ID: 860-109706-1 MS

Matrix: Water

Analysis Batch: 257641

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257315

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.0000706	U	0.00200	0.001945		mg/L		97	75 - 125		

Lab Sample ID: 860-109706-1 MSD

Matrix: Water

Analysis Batch: 257641

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 257315

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	0.001913		mg/L		96	75 - 125	2	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-258727/3

Matrix: Water

Analysis Batch: 258727

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1
Bicarbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1
Carbonate Alkalinity as CaCO3	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1
Hydroxide Alkalinity	4.00	U	4.00	4.00	mg/L			08/28/25 19:21	1

Lab Sample ID: LCS 860-258727/4

Matrix: Water

Analysis Batch: 258727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity	250	248.7		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-258727/5

Matrix: Water

Analysis Batch: 258727

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
Total Alkalinity	250	251.5		mg/L		101	85 - 115	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258241/1

Matrix: Water

Analysis Batch: 258241

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 16:56	1

Lab Sample ID: LCS 860-258241/2

Matrix: Water

Analysis Batch: 258241

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	1084		mg/L		108	80 - 120

Lab Sample ID: MB 860-258242/1

Matrix: Water

Analysis Batch: 258242

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 16:57	1

Lab Sample ID: LCS 860-258242/2

Matrix: Water

Analysis Batch: 258242

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	1063		mg/L		106	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 860-109706-10 DU

Matrix: Water

Analysis Batch: 258242

Client Sample ID: Dup-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	7970		7770		mg/L		3	10

Lab Sample ID: 860-109706-11 DU

Matrix: Water

Analysis Batch: 258242

Client Sample ID: FB-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	6.50		5.00	U	mg/L		NC	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-733736/1-A

Matrix: Water

Analysis Batch: 736708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 733736

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.088	U G	5.16	5.17	50.0	69.3	pCi/L	08/26/25 18:28	09/19/25 11:22	1
Radium-228	7.685	U	32.6	32.6	50.0	44.8	pCi/L	08/26/25 18:28	09/19/25 11:22	1

Lab Sample ID: LCS 160-733736/2-A

Matrix: Water

Analysis Batch: 736227

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 733736

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	139500		15200		1010	pCi/L	98	75 - 125
Cesium-137	37700	38120		3790		161	pCi/L	101	75 - 125
Cobalt-60	51600	49560		4830		105	pCi/L	96	75 - 125

Lab Sample ID: 860-109706-1 DU

Matrix: Water

Analysis Batch: 736227

Client Sample ID: EP-31

Prep Type: Total/NA

Prep Batch: 733736

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	80.6		83.84		23.9	50.0	21.6	pCi/L	0.07	1
Radium-228	-1.75	U G	1.938	U G	7.59	50.0	55.1	pCi/L	0.32	1

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

HPLC/IC

Analysis Batch: 257734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-2	EP-32	Total/NA	Water	300.0	
860-109706-3	EP-33	Total/NA	Water	300.0	
860-109706-4	EP-34	Total/NA	Water	300.0	
860-109706-5	EP-35	Total/NA	Water	300.0	
860-109706-6	EP-36	Total/NA	Water	300.0	
860-109706-7	EP-37	Total/NA	Water	300.0	
860-109706-8	EP-38	Total/NA	Water	300.0	
860-109706-9	MW-04	Total/NA	Water	300.0	
860-109706-10	Dup-03	Total/NA	Water	300.0	
860-109706-11	FB-03	Total/NA	Water	300.0	
860-109706-12	EB-2	Total/NA	Water	300.0	
MB 860-257734/3	Method Blank	Total/NA	Water	300.0	
MB 860-257734/39	Method Blank	Total/NA	Water	300.0	
MB 860-257734/86	Method Blank	Total/NA	Water	300.0	
LCS 860-257734/40	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-257734/87	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-257734/41	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-257734/88	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-257734/7	Lab Control Sample	Total/NA	Water	300.0	
860-109706-10 MS	Dup-03	Total/NA	Water	300.0	
860-109706-10 MSD	Dup-03	Total/NA	Water	300.0	
860-109706-11 MS	FB-03	Total/NA	Water	300.0	
860-109706-11 MSD	FB-03	Total/NA	Water	300.0	

Analysis Batch: 258120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	300.0	
MB 860-258120/3	Method Blank	Total/NA	Water	300.0	
LCS 860-258120/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-258120/5	Lab Control Sample Dup	Total/NA	Water	300.0	
860-109706-1 MS	EP-31	Total/NA	Water	300.0	
860-109706-1 MSD	EP-31	Total/NA	Water	300.0	

Analysis Batch: 258365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1 - DL	EP-31	Total/NA	Water	300.0	
MB 860-258365/3	Method Blank	Total/NA	Water	300.0	
LCS 860-258365/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-258365/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-258365/7	Lab Control Sample	Total/NA	Water	300.0	
860-109706-1 MS	EP-31	Total/NA	Water	300.0	
860-109706-1 MSD	EP-31	Total/NA	Water	300.0	

Metals

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	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Metals

Prep Batch: 257217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	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
860-109706-1 MS	EP-31	Total/NA	Water	3010A	
860-109706-1 MSD	EP-31	Total/NA	Water	3010A	

Prep Batch: 257218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-2	EP-32	Total/NA	Water	3010A	
860-109706-3	EP-33	Total/NA	Water	3010A	
860-109706-4	EP-34	Total/NA	Water	3010A	
860-109706-5	EP-35	Total/NA	Water	3010A	
860-109706-6	EP-36	Total/NA	Water	3010A	
860-109706-7	EP-37	Total/NA	Water	3010A	
860-109706-8	EP-38	Total/NA	Water	3010A	
860-109706-9	MW-04	Total/NA	Water	3010A	
860-109706-10	Dup-03	Total/NA	Water	3010A	
860-109706-11	FB-03	Total/NA	Water	3010A	
860-109706-12	EB-2	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	
860-109706-3 MS	EP-33	Total/NA	Water	3010A	
860-109706-3 MSD	EP-33	Total/NA	Water	3010A	

Prep Batch: 257315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	7470A	
860-109706-2	EP-32	Total/NA	Water	7470A	
860-109706-3	EP-33	Total/NA	Water	7470A	
860-109706-4	EP-34	Total/NA	Water	7470A	
860-109706-5	EP-35	Total/NA	Water	7470A	
860-109706-6	EP-36	Total/NA	Water	7470A	
860-109706-7	EP-37	Total/NA	Water	7470A	
860-109706-8	EP-38	Total/NA	Water	7470A	
860-109706-9	MW-04	Total/NA	Water	7470A	
860-109706-10	Dup-03	Total/NA	Water	7470A	
860-109706-11	FB-03	Total/NA	Water	7470A	
860-109706-12	EB-2	Total/NA	Water	7470A	
MB 860-257315/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-257315/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-257315/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
860-109706-1 MS	EP-31	Total/NA	Water	7470A	
860-109706-1 MSD	EP-31	Total/NA	Water	7470A	

Prep Batch: 257437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-8	EP-38	Total/NA	Water	3010A	
860-109706-9	MW-04	Total/NA	Water	3010A	
860-109706-10	Dup-03	Total/NA	Water	3010A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Metals (Continued)

Prep Batch: 257437 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-11	FB-03	Total/NA	Water	3010A	
860-109706-12	EB-2	Total/NA	Water	3010A	
MB 860-257437/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-257437/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257437/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 257565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-11	FB-03	Total/NA	Water	6020A	257437
860-109706-12	EB-2	Total/NA	Water	6020A	257437
MB 860-257437/1-A	Method Blank	Total/NA	Water	6020A	257437
LCS 860-257437/2-A	Lab Control Sample	Total/NA	Water	6020A	257437
LCSD 860-257437/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257437

Filtration Batch: 257631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-257631/1-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-257631/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-257631/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Analysis Batch: 257641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	7470A	257315
860-109706-2	EP-32	Total/NA	Water	7470A	257315
860-109706-3	EP-33	Total/NA	Water	7470A	257315
860-109706-4	EP-34	Total/NA	Water	7470A	257315
860-109706-5	EP-35	Total/NA	Water	7470A	257315
860-109706-6	EP-36	Total/NA	Water	7470A	257315
860-109706-7	EP-37	Total/NA	Water	7470A	257315
860-109706-8	EP-38	Total/NA	Water	7470A	257315
860-109706-9	MW-04	Total/NA	Water	7470A	257315
860-109706-10	Dup-03	Total/NA	Water	7470A	257315
860-109706-11	FB-03	Total/NA	Water	7470A	257315
860-109706-12	EB-2	Total/NA	Water	7470A	257315
MB 860-257315/10-A	Method Blank	Total/NA	Water	7470A	257315
LCS 860-257315/11-A	Lab Control Sample	Total/NA	Water	7470A	257315
LCSD 860-257315/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	257315
860-109706-1 MS	EP-31	Total/NA	Water	7470A	257315
860-109706-1 MSD	EP-31	Total/NA	Water	7470A	257315

Analysis Batch: 257693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-2	EP-32	Total/NA	Water	6010D	257218
860-109706-3	EP-33	Total/NA	Water	6010D	257218
860-109706-4	EP-34	Total/NA	Water	6010D	257218
860-109706-5	EP-35	Total/NA	Water	6010D	257218
860-109706-6	EP-36	Total/NA	Water	6010D	257218
860-109706-7	EP-37	Total/NA	Water	6010D	257218
860-109706-8	EP-38	Total/NA	Water	6010D	257218
860-109706-9	MW-04	Total/NA	Water	6010D	257218
860-109706-10	Dup-03	Total/NA	Water	6010D	257218

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Metals (Continued)

Analysis Batch: 257693 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-11	FB-03	Total/NA	Water	6010D	257218
860-109706-12	EB-2	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
860-109706-3 MS	EP-33	Total/NA	Water	6010D	257218
860-109706-3 MSD	EP-33	Total/NA	Water	6010D	257218

Prep Batch: 257694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	3010A	
860-109706-2	EP-32	Total/NA	Water	3010A	
860-109706-3	EP-33	Total/NA	Water	3010A	
860-109706-4	EP-34	Total/NA	Water	3010A	
860-109706-5	EP-35	Total/NA	Water	3010A	
860-109706-6	EP-36	Total/NA	Water	3010A	
860-109706-7	EP-37	Total/NA	Water	3010A	
MB 860-257631/1-B	Method Blank	Total/NA	Water	3010A	257631
LCS 860-257631/2-B	Lab Control Sample	Total/NA	Water	3010A	257631
LCSD 860-257631/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	257631
860-109706-1 MS	EP-31	Total/NA	Water	3010A	
860-109706-1 MSD	EP-31	Total/NA	Water	3010A	

Analysis Batch: 257880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	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
860-109706-1 MS	EP-31	Total/NA	Water	6010D	257217
860-109706-1 MSD	EP-31	Total/NA	Water	6010D	257217

Analysis Batch: 258121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	6020A	257694
860-109706-1	EP-31	Total/NA	Water	6020A	257694
860-109706-2	EP-32	Total/NA	Water	6020A	257694
860-109706-2	EP-32	Total/NA	Water	6020A	257694
860-109706-3	EP-33	Total/NA	Water	6020A	257694
860-109706-3	EP-33	Total/NA	Water	6020A	257694
860-109706-4	EP-34	Total/NA	Water	6020A	257694
860-109706-4	EP-34	Total/NA	Water	6020A	257694
860-109706-5	EP-35	Total/NA	Water	6020A	257694
860-109706-5	EP-35	Total/NA	Water	6020A	257694
860-109706-6	EP-36	Total/NA	Water	6020A	257694
860-109706-6	EP-36	Total/NA	Water	6020A	257694
860-109706-7	EP-37	Total/NA	Water	6020A	257694
860-109706-7	EP-37	Total/NA	Water	6020A	257694
MB 860-257631/1-B	Method Blank	Total/NA	Water	6020A	257694
LCS 860-257631/2-B	Lab Control Sample	Total/NA	Water	6020A	257694
LCSD 860-257631/3-B	Lab Control Sample Dup	Total/NA	Water	6020A	257694

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Metals (Continued)

Analysis Batch: 258121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1 MS	EP-31	Total/NA	Water	6020A	257694
860-109706-1 MS	EP-31	Total/NA	Water	6020A	257694
860-109706-1 MSD	EP-31	Total/NA	Water	6020A	257694
860-109706-1 MSD	EP-31	Total/NA	Water	6020A	257694

Analysis Batch: 258748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-2	EP-32	Total/NA	Water	6020A	257694
860-109706-3	EP-33	Total/NA	Water	6020A	257694
860-109706-4	EP-34	Total/NA	Water	6020A	257694
860-109706-5	EP-35	Total/NA	Water	6020A	257694
860-109706-6	EP-36	Total/NA	Water	6020A	257694
860-109706-7	EP-37	Total/NA	Water	6020A	257694
860-109706-8	EP-38	Total/NA	Water	6020A	257437
860-109706-9	MW-04	Total/NA	Water	6020A	257437
860-109706-10	Dup-03	Total/NA	Water	6020A	257437
860-109706-11	FB-03	Total/NA	Water	6020A	257437
860-109706-12	EB-2	Total/NA	Water	6020A	257437
MB 860-257437/1-A	Method Blank	Total/NA	Water	6020A	257437
LCS 860-257437/2-A	Lab Control Sample	Total/NA	Water	6020A	257437
LCSD 860-257437/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257437

Analysis Batch: 259169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-8	EP-38	Total/NA	Water	6020A	257437
860-109706-9	MW-04	Total/NA	Water	6020A	257437
860-109706-10	Dup-03	Total/NA	Water	6020A	257437

General Chemistry

Analysis Batch: 258241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	SM 2540C	
860-109706-2	EP-32	Total/NA	Water	SM 2540C	
860-109706-3	EP-33	Total/NA	Water	SM 2540C	
860-109706-4	EP-34	Total/NA	Water	SM 2540C	
860-109706-5	EP-35	Total/NA	Water	SM 2540C	
860-109706-6	EP-36	Total/NA	Water	SM 2540C	
860-109706-7	EP-37	Total/NA	Water	SM 2540C	
860-109706-8	EP-38	Total/NA	Water	SM 2540C	
860-109706-9	MW-04	Total/NA	Water	SM 2540C	
MB 860-258241/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258241/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 258242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-10	Dup-03	Total/NA	Water	SM 2540C	
860-109706-11	FB-03	Total/NA	Water	SM 2540C	
860-109706-12	EB-2	Total/NA	Water	SM 2540C	
MB 860-258242/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258242/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

General Chemistry (Continued)

Analysis Batch: 258242 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-10 DU	Dup-03	Total/NA	Water	SM 2540C	
860-109706-11 DU	FB-03	Total/NA	Water	SM 2540C	

Analysis Batch: 258727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	SM 2320B	
860-109706-2	EP-32	Total/NA	Water	SM 2320B	
860-109706-3	EP-33	Total/NA	Water	SM 2320B	
860-109706-4	EP-34	Total/NA	Water	SM 2320B	
860-109706-5	EP-35	Total/NA	Water	SM 2320B	
860-109706-6	EP-36	Total/NA	Water	SM 2320B	
860-109706-7	EP-37	Total/NA	Water	SM 2320B	
860-109706-8	EP-38	Total/NA	Water	SM 2320B	
860-109706-9	MW-04	Total/NA	Water	SM 2320B	
860-109706-10	Dup-03	Total/NA	Water	SM 2320B	
860-109706-11	FB-03	Total/NA	Water	SM 2320B	
860-109706-12	EB-2	Total/NA	Water	SM 2320B	
MB 860-258727/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-258727/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-258727/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 733736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109706-1	EP-31	Total/NA	Water	Fill_Geo-21	
860-109706-2	EP-32	Total/NA	Water	Fill_Geo-21	
860-109706-3	EP-33	Total/NA	Water	Fill_Geo-21	
860-109706-4	EP-34	Total/NA	Water	Fill_Geo-21	
860-109706-5	EP-35	Total/NA	Water	Fill_Geo-21	
860-109706-6	EP-36	Total/NA	Water	Fill_Geo-21	
860-109706-7	EP-37	Total/NA	Water	Fill_Geo-21	
860-109706-8	EP-38	Total/NA	Water	Fill_Geo-21	
860-109706-9	MW-04	Total/NA	Water	Fill_Geo-21	
860-109706-10	Dup-03	Total/NA	Water	Fill_Geo-21	
860-109706-11	FB-03	Total/NA	Water	Fill_Geo-21	
860-109706-12	EB-2	Total/NA	Water	Fill_Geo-21	
MB 160-733736/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-733736/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
860-109706-1 DU	EP-31	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-31

Date Collected: 08/20/25 08:25

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-1

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	300.0		1			258120	08/27/25 20:39	AK1	EET HOU
Total/NA	Analysis	300.0	DL	100			258365	08/28/25 11:15	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 10:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		5			258121	08/26/25 19:57	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		50			258121	08/26/25 20:00	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:29	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:22	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736220	09/16/25 03:38	MLS	EET SL

Client Sample ID: EP-32

Date Collected: 08/20/25 08:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-2

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	300.0		10			257734	08/26/25 16:54	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 18:23	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		5			258121	08/26/25 20:48	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258121	08/26/25 20:51	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 17:11	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 18:02	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:25	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736227	09/16/25 03:36	MLS	EET SL

Client Sample ID: EP-33

Date Collected: 08/20/25 09:05

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-3

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	300.0		10			257734	08/26/25 17:07	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 17:14	JDM	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-33

Date Collected: 08/20/25 09:05

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-3

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	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		5			258121	08/26/25 20:54	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258121	08/26/25 20:58	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		400			258748	08/28/25 17:15	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:58	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:32	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 03:37	CAH	EET SL

Client Sample ID: EP-34

Date Collected: 08/20/25 10:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-4

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	300.0		10			257734	08/26/25 17:20	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 17:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		5			258121	08/26/25 21:01	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258121	08/26/25 21:04	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 17:18	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 18:00	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:38	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736223	09/16/25 03:39	MLS	EET SL

Client Sample ID: EP-35

Date Collected: 08/20/25 11:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-5

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		10			257734	08/26/25 17:32	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 17:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		5			258121	08/26/25 21:07	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-35

Lab Sample ID: 860-109706-5

Date Collected: 08/20/25 11:15

Matrix: Water

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	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258121	08/26/25 21:11	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		200			258748	08/28/25 17:22	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:45	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:44	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736225	09/16/25 03:39	MLS	EET SL

Client Sample ID: EP-36

Lab Sample ID: 860-109706-6

Date Collected: 08/20/25 10:55

Matrix: Water

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	300.0		10			257734	08/26/25 17:45	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 17:43	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		5			258121	08/26/25 21:14	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258121	08/26/25 21:22	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		200			258748	08/28/25 17:26	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:43	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:51	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736221	09/16/25 03:39	CAH	EET SL

Client Sample ID: EP-37

Lab Sample ID: 860-109706-7

Date Collected: 08/20/25 08:35

Matrix: Water

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	300.0		10			257734	08/26/25 18:11	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 17:45	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		5			258121	08/26/25 21:26	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		100			258121	08/26/25 21:29	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EP-37

Date Collected: 08/20/25 08:35

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-7

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	3010A			50 mL	50 mL	257694	08/26/25 09:15	MD	EET HOU
Total/NA	Analysis	6020A		50			258748	08/28/25 17:29	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:59	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 20:57	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736226	09/16/25 03:40	MLS	EET SL

Client Sample ID: EP-38

Date Collected: 08/20/25 10:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-8

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	300.0		10			257734	08/26/25 18:23	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 17:46	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		50			258748	08/28/25 16:48	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		5			259169	08/29/25 17:44	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:55	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/28/25 21:03	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736220	09/16/25 07:40	MLS	EET SL

Client Sample ID: MW-04

Date Collected: 08/20/25 09:15

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109706-9

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	300.0		10			257734	08/26/25 18:36	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 17:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 16:51	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		5			259169	08/29/25 17:47	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:49	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/29/25 08:20	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	258241	08/27/25 16:57	AP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: MW-04

Lab Sample ID: 860-109706-9

Date Collected: 08/20/25 09:15

Matrix: Water

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	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 07:40	CAH	EET SL

Client Sample ID: Dup-03

Lab Sample ID: 860-109706-10

Date Collected: 08/20/25 09:00

Matrix: Water

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	300.0		10			257734	08/26/25 18:49	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 17:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		200			258748	08/28/25 16:54	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		5			259169	08/29/25 17:51	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:51	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/29/25 08:26	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258242	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736220	09/16/25 08:58	MLS	EET SL

Client Sample ID: FB-03

Lab Sample ID: 860-109706-11

Date Collected: 08/20/25 11:20

Matrix: Water

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	300.0		1			257734	08/26/25 19:59	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 17:51	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			257565	08/25/25 20:20	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			258748	08/28/25 16:57	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:44	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/29/25 08:32	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	258242	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736227	09/16/25 08:57	MLS	EET SL

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Client Sample ID: EB-2

Lab Sample ID: 860-109706-12

Date Collected: 08/20/25 09:40

Matrix: Water

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	300.0		1			257734	08/26/25 20:18	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 17:59	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			257565	08/25/25 20:23	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257437	08/25/25 10:30	MD	EET HOU
Total/NA	Analysis	6020A		1			258748	08/28/25 17:05	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	257315	08/24/25 14:39	PB	EET HOU
Total/NA	Analysis	7470A		1			257641	08/25/25 17:56	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258727	08/29/25 08:36	CT	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	258242	08/27/25 16:57	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 08:58	CAH	EET SL

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109706-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109706-1	EP-31	Water	08/20/25 08:25	08/21/25 08:54	Texas
860-109706-2	EP-32	Water	08/20/25 08:15	08/21/25 08:54	Texas
860-109706-3	EP-33	Water	08/20/25 09:05	08/21/25 08:54	Texas
860-109706-4	EP-34	Water	08/20/25 10:15	08/21/25 08:54	Texas
860-109706-5	EP-35	Water	08/20/25 11:15	08/21/25 08:54	Texas
860-109706-6	EP-36	Water	08/20/25 10:55	08/21/25 08:54	Texas
860-109706-7	EP-37	Water	08/20/25 08:35	08/21/25 08:54	Texas
860-109706-8	EP-38	Water	08/20/25 10:15	08/21/25 08:54	Texas
860-109706-9	MW-04	Water	08/20/25 09:15	08/21/25 08:54	Texas
860-109706-10	Dup-03	Water	08/20/25 09:00	08/21/25 08:54	Texas
860-109706-11	FB-03	Water	08/20/25 11:20	08/21/25 08:54	Texas
860-109706-12	EB-2	Water	08/20/25 09:40	08/21/25 08:54	Texas

Chain of Custody Record



Client Information		Sampler: <u>Brian Hillen / HWI Team</u>		Lab PM: <u>Kudchadkar Sachin G</u>		Carrier Tracking No(s):		COC No: <u>880-3614-1220.1</u>	
Client Contact: <u>Mike Schofield</u>		Phone: <u>713-653-3127</u>		E-Mail: <u>Sachin.Kudchadkar@Eurofins.com</u>		State of Origin:		Page: <u>1 of 2</u>	
Company: <u>GSI Environmental, Inc</u>		PWSID:		Analysis Requested		Job #:		Preservation Codes:	
Address: <u>9600 Great Hills Trail Suite 350E</u>		Due Date Requested:		TAT Requested (days):		Compliance Project: <u>Δ Yes Δ No</u>		A HCL M Hexane B NaOH N None O AshaO2 C Zn Acetate P Na2O4S D Nitric Acid Q Na2SO3 E NaHSO4 R Na2S2O3 F MeOH G Amchlor S H2SO4 H Ascorbic Acid T TSP Dodecylhydrate I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify) Other:	
City: <u>Austin</u>		PO #:		WO #:		Project #:		Total Number of Containers	
State, Zip: <u>TX, 78759</u>		Project Name: <u>San Miguel Electrical Co-Op GW</u>		SSOW#:		Field Filled Sample (Yes or No)		Special Instructions/Note:	
Phone: <u>512-346-4474(Tel) 512-346-4478(Fax)</u>		Email: <u>mlschofield@gsi-net.com</u>		Sample Date		Sample Time		Temp. <u>3.4</u> IR ID: <u>HOU-368</u> C/F -0.2 Corrected Temp: <u>3.2</u>	
Site: <u>Regeneration Pond</u>		Matrix (Washer, Sample, Orientation)		Sample Type (C=comp, G=grab)		Preservation Code		Temp. <u>2.9</u> IR ID: <u>HOU-368</u> C/F -0.2 Corrected Temp: <u>2.7</u>	
Sample Identification		8-20-25		825		G		Temp. <u>2.6</u> IR ID: <u>HOU-368</u> C/F -0.2 Corrected Temp: <u>2.4</u>	
EP-31		825		825		Water		Temp. <u>2.4</u> IR ID: <u>HOU-368</u> C/F -0.2 Corrected Temp: <u>2.2</u>	
EP-31 (MS)		825		825		Water			
EP-31 (MSD)		825		825		Water			
EP-32		815		905		Water			
EP-33		1015		1115		Water			
EP-34		1055		1055		Water			
EP-35		835		1015		Water			
EP-36		915		915		Water			
EP-37						Water			
EP-38						Water			
NW-04						Water			
Possible Hazard Identification		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)		Empty Kit Relinquished by		Date: <u>8/21/25</u> Time: <u>8:54</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>	
Relinquished by: <u>[Signature]</u>		Date: <u>8/21/25</u> Time: <u>8:54</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>		Cooler Temperature(s) °C and Other Remarks:	
Relinquished by: <u>[Signature]</u>		Date: <u>8/21/25</u> Time: <u>8:54</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>			
Relinquished by: <u>[Signature]</u>		Date: <u>8/21/25</u> Time: <u>8:54</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>			
Custody Seals Intact: <u>Δ Yes Δ No</u>		Custody Seal No.							

Chain of Custody Record

6102/91,10 A

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-109706-1

Login Number: 109706

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

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.	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: GSI Environmental Inc

Job Number: 860-109706-1

Login Number: 109706

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 08/26/25 11:44 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

DATA USABILITY SUMMARY

August 2025 Sampling Event (Job ID: 860-109708-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **six groundwater samples collected from the Extraction System on 20 August 2025¹** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). The majority of analyses were conducted by EET HOU, while the radiological analyses were conducted by the Eurofins St. Louis (EET SL) laboratory. GSI certifies that at the time the laboratory data were generated for the project, EET HOU and EET SL were National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215, T104704193 and T104704187 respectively) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU and EET SL's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. Analyses requested included:

- Method 300.0 – Anions, Ion Chromatography
- Method 6020A – Metals (Inductively Coupled Plasma [ICP]/Mass Spectrometry[MS])
- Method 7470A – Mercury (Cold Vapor Atomic Absorption [CVAA] Spectroscopy)
- Method SM2320B – Alkalinity
- Method SM2540C – Total Dissolved Solids (TDS)
- Method 904.0 – Radium-228 (GFPC)
- Method SM7500 Ra B – Radium-226

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

¹ Five samples plus one field duplicate.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Six (6) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review (RG-366/TRRP-13):

Analytes	LCS/LCSD	
	% R	RPD
Metals	80 – 120	20
Inorganic Anions	90 – 110	20
Alkalinity	85 – 115	20
Total Dissolved Solids (TDS)	80 – 120	–
Radium-228	75 – 125	–
Radium-226	90 – 110	–

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 3. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times. Items related to the C-O-C are listed below.

- The sample identified as DUP-04 on the C-O-C is a field duplicate of sample EW-02.

Items related to sample preparation are listed below.

- Samples EW-02, EW-04, EW-05, EW-06, DUP-04, and IT Well by Method 300.0 were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples EW-02, EW-04, EW-05, EW-06, DUP-04, and IT Well by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Sample EW-04 by Method 7470A was diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per these criteria.

Calibrations

The following issues were noted with the laboratory calibrations in the LCN or lab report:

- The instrument blank/continuing calibration blank (CCB) for analytical batch 860-258120 contained Sulfate greater than the MDL, and were not reanalyzed because associated samples results were greater than 10X the value found in the instrument blank/CCB.

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

The following issues were noted with the method blanks in the LCN or lab report:

- The method blank for preparation batch 860-258726 and analytical batch 860-258837 contained Lithium above the MDL. This target analyte concentration was less than the RL in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed. All associated field samples contained Lithium at a concentration greater than 5X the method blank concentration and did not require qualifiers.

Finding: No qualifiers were added per this evaluation.

Field Blanks

Not applicable.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

Not applicable.

Charge Imbalance

The results for all collected samples were evaluated for charge imbalance. All samples were within the desired range of $<\pm 10\%$; therefore, all results were accepted and no qualifiers were required.

Findings: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

One field duplicate, identified as DUP-04, was collected with sample EW-02. Results indicate that the RPDs between the parent and duplicate sample results were less than the TCEQ-recommended maximum of 40% (organics) or 30% (metals) for concentrations greater than five times the MQL, or the difference between concentrations was less than twice the MQL for analytes with concentrations less than five times the MQL. A comparison of the field sample and the duplicate sample are shown in Table 2.

Finding: No qualifiers were added per this evaluation.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. No qualifiers were added based on this review.

REFERENCES

- GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
- TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
8/20/2025	EET HOU/EET SL	860-109708-1	EW-02	Water
8/20/2025	EET HOU/EET SL	860-109708-2	EW-04	Water
8/20/2025	EET HOU/EET SL	860-109708-3	EW-05	Water
8/20/2025	EET HOU/EET SL	860-109708-4	EW-06	Water
8/20/2025	EET HOU/EET SL	860-109708-5	DUP-04	Water
8/20/2025	EET HOU/EET SL	860-109708-6	IT Well	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas; EET SL: Eurofins St. Louis, Earth City, Missouri;

TABLE 2
Field Duplicate Detections

Analyte	MDL	Primary Sample Result (mg/L)	Field Duplicate Result (mg/L)	Relative Percent Difference
Antimony	0.00375	<0.00375	<0.00375	0.0
Arsenic	0.00345	0.016 J	0.0156 J	2.5
Barium	0.00671	0.0164 J	0.0177 J	7.6
Beryllium	0.00136	0.0175	0.0183	4.5
Bicarbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Boron	1.6	54	55.4	2.6
Cadmium	0.0012	0.00613 J	0.00634 J	3.4
Calcium	12	552	568	2.9
Carbonate Alkalinity as CaCO ₃	4.00	<4.00	<4.00	0.0
Chloride	2.5	2680	2240	17.9
Chromium	0.0028	<0.0028	<0.0028	0.0
Cobalt	0.00178	0.256	0.263	2.7
Fluoride	1.00	<1.00	<1.00	0.0
Hydroxide Alkalinity	4.00	<4.00	<4.00	0.0
Lead	0.00184	<0.00184	<0.00184	0.0
Lithium	0.0174	1.5	1.52 B	1.3
Magnesium	0.0819	120	126	4.9
Mercury	0.0000706	0.000501	0.000545	8.4
Molybdenum	0.00128	<0.00128	<0.00128	0.0
Potassium	0.11	18.6	19.4	4.2
Ra-226	24.9 pCi/L	116	64	57.8
Radium-228	60.7 pCi/L	<-12.2 G	<-8.99 G	30.8
Selenium	0.00295	0.00637 J	0.00679 J	6.4
Sodium	5.64	2550	2740	7.2
Sulfate	20.0	4050	3960	2.2
Thallium	0.00208	<0.00208	<0.00208	0.0
Total Alkalinity	4.00	<4.00	<4.00	0.0
Total Dissolved Solids	100	10100	12700	22.8

Notes:

1. MDL: Method Detection Limit
2. mg/L: milligrams per liter; pCi/L: pico Curies per liter
3. $RPD = \frac{ABS(PR-FD)}{AVERAGE(PR+FD)*100}$, where PR is the Primary Sample and FD is the Field Duplicate, where the MDL is substituted for results below detection.
4. **Bold-italics** = RPD greater than 30%.
5. < = analyte not detected at the stated limit; J = estimated result between the MDL and reporting limit; B = Compound was found in the blank and sample
6. CaCO₃: Calcium carbonate

TABLE 3
Qualifiers Added During Data Usability Review

Sample ID	Analyte	Lab Result	Unit	DUS Qualifier or Bias Code	Reason for Qualification	Analysis Batch Number	Report Number
EW-02	Radium-226	116	pCi/L	J	RPD outside specifications and analyte conc. <5X MQL; Conc. Difference > 2X MQL.	736220	860-109708-1
Dup-04	Radium-226	64	pCi/L	J	RPD outside specifications and analyte conc. <5X MQL; Conc. Difference > 2X MQL.	736227	860-109708-1

Notes:

1. mg/L: milligrams per liter; pCi/L: picocuries per liter
2. J: estimated value

Attachment A

Eurofins Houston – Stafford, Texas

TCEQ NELAP-Recognized Laboratory Accreditation Certificate



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 08/26/2025
Expiration Date: 06/30/2026
Certificate ID: TX-C25-00241

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/26/2025



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North,
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2025
Expiration Date: 07/31/2026
Certificate ID: TX-C25-00207

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-109708-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 9/19/2025 3:43:08 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op

JOB NUMBER

860-109708-1

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 3:43:08 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page 1

Table of Contents 3

Definitions/Glossary 4

Case Narrative 5

Detection Summary 7

Client Sample Results 10

QC Sample Results 16

QC Association Summary 22

Lab Chronicle 26

Certification Summary 29

Method Summary 30

Sample Summary 31

Chain of Custody 32

Receipt Checklists 33



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Qualifiers

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
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.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Job ID: 860-109708-1

Eurofins Houston

Job Narrative 860-109708-1

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 8/21/2025 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 2 coolers at receipt time were 1.7°C and 2.7°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.: Dup-04 (860-109708-5), IT Well (860-109708-6), PZ-03 (860-109712-2[MS]), PZ-03 (860-109712-2[MSD]), AP-33 (860-109712-5), MW-03 (860-109712-9) and Dup-02 (860-109712-12).

Affected containers:

F-5, E-6, F-9,
F-12, H-2 MS,
F-2 MSD, G-2 MSD

HPLC/IC

Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-258120 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: EW-02 (860-109708-1), EW-04 (860-109708-2), EW-05 (860-109708-3), EW-06 (860-109708-4), Dup-04 (860-109708-5) and IT Well (860-109708-6). 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 6010D: The method blank for preparation batch 860-258726 and analytical batch 860-258837 contained Lithium 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 6020A: The following sample was diluted due to the nature of the sample matrix: EW-02 (860-109708-1). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted due to the nature of the sample matrix: EW-04 (860-109708-2), EW-05 (860-109708-3), EW-06 (860-109708-4), Dup-04 (860-109708-5) and IT Well (860-109708-6). Elevated reporting limits (RLs) are provided.

Method 7470A: The following sample was diluted to bring the concentration of target analytes within the calibration range: EW-04 (860-109708-2). 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

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

Eurofins Houston

Case Narrative

Client: GSI Environmental Inc
Project: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Job ID: 860-109708-1 (Continued)

Eurofins Houston

Gamma Spectroscopy

Method 901.1_Ra: Gamma Batch 733736

The detection goal of 50.0 pCi/L was not met for Ra-226 and/or Ra-228 for the following samples. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra-226 and Ra-228 are well below the RL and MDC. EW-02 (860-109708-1), EW-04 (860-109708-2), EW-05 (860-109708-3), EW-06 (860-109708-4), Dup-04 (860-109708-5), IT Well (860-109708-6) and (860-109706-F-1-A)

Method 901.1_Ra: Gamma Batch 733736

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

EW-02 (860-109708-1), EW-04 (860-109708-2), EW-05 (860-109708-3), EW-06 (860-109708-4), Dup-04 (860-109708-5), IT Well (860-109708-6), (860-109706-F-1-A) and (860-109706-F-1-C DU)

Method 901.1_Ra: Gamma Batch 733736

The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-226. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-733736/1-A).

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-02

Lab Sample ID: 860-109708-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	2680		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate - DL	4050		50.0	20.0	mg/L	100			300.0	Total/NA
Lithium	1.50		0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0160	J	0.0200	0.00345	mg/L	5			6020A	Total/NA
Barium	0.0164	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Beryllium	0.0175		0.0100	0.00136	mg/L	5			6020A	Total/NA
Boron	54.0		2.00	0.801	mg/L	200			6020A	Total/NA
Cadmium	0.00613	J	0.0100	0.00120	mg/L	5			6020A	Total/NA
Calcium	552		20.0	6.01	mg/L	200			6020A	Total/NA
Cobalt	0.256		0.0100	0.00178	mg/L	5			6020A	Total/NA
Potassium	18.6		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	120		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	2550		20.0	11.3	mg/L	200			6020A	Total/NA
Selenium	0.00637	J	0.0100	0.00295	mg/L	5			6020A	Total/NA
Mercury	0.000501		0.000200	0.0000706	mg/L	1			7470A	Total/NA
Total Dissolved Solids	10100		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EW-04

Lab Sample ID: 860-109708-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	3640		5.00	2.50	mg/L	10			300.0	Total/NA
Fluoride	1.47	J	5.00	1.00	mg/L	10			300.0	Total/NA
Sulfate - DL	2650		50.0	20.0	mg/L	100			300.0	Total/NA
Lithium	1.06	B	0.0400	0.0174	mg/L	1			6010D	Total/NA
Arsenic	0.0361		0.0200	0.00345	mg/L	5			6020A	Total/NA
Barium	0.0187	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Beryllium	0.0800		0.0100	0.00136	mg/L	5			6020A	Total/NA
Boron	33.9		2.00	0.801	mg/L	200			6020A	Total/NA
Cadmium	0.160		0.0100	0.00120	mg/L	5			6020A	Total/NA
Calcium	809		20.0	6.01	mg/L	200			6020A	Total/NA
Chromium	0.00626	J	0.0200	0.00280	mg/L	5			6020A	Total/NA
Cobalt	0.949		0.0100	0.00178	mg/L	5			6020A	Total/NA
Potassium	26.5		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	138		0.500	0.0819	mg/L	5			6020A	Total/NA
Sodium	2320		20.0	11.3	mg/L	200			6020A	Total/NA
Lead	0.00193	J	0.0100	0.00184	mg/L	5			6020A	Total/NA
Selenium	0.00915	J	0.0100	0.00295	mg/L	5			6020A	Total/NA
Thallium	0.00462	J	0.0100	0.00208	mg/L	5			6020A	Total/NA
Mercury	0.0156		0.000800	0.000282	mg/L	4			7470A	Total/NA
Total Dissolved Solids	10200		100	100	mg/L	1			SM 2540C	Total/NA

Client Sample ID: EW-05

Lab Sample ID: 860-109708-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloride	1950		5.00	2.50	mg/L	10			300.0	Total/NA
Sulfate - DL	3540		50.0	20.0	mg/L	100			300.0	Total/NA
Lithium	1.20	B	0.0400	0.0174	mg/L	1			6010D	Total/NA
Barium	0.0129	J	0.0200	0.00671	mg/L	5			6020A	Total/NA
Boron	8.60		1.00	0.401	mg/L	100			6020A	Total/NA
Calcium	439		10.0	3.01	mg/L	100			6020A	Total/NA
Potassium	36.0		0.500	0.110	mg/L	5			6020A	Total/NA
Magnesium	70.6		0.500	0.0819	mg/L	5			6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-05 (Continued)

Lab Sample ID: 860-109708-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Molybdenum	0.00382	J	0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	2360		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	157		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	157		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	8850		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EW-06

Lab Sample ID: 860-109708-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2550		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate - DL	3800		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.38	B	0.0400	0.0174	mg/L	1		6010D	Total/NA
Barium	0.0105	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Boron	13.2		1.00	0.401	mg/L	100		6020A	Total/NA
Calcium	326		10.0	3.01	mg/L	100		6020A	Total/NA
Potassium	33.9		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	44.4		0.500	0.0819	mg/L	5		6020A	Total/NA
Molybdenum	0.00402	J	0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	3170		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	201		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	201		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	9630		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: Dup-04

Lab Sample ID: 860-109708-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2240		5.00	2.50	mg/L	10		300.0	Total/NA
Sulfate - DL	3960		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	1.52	B	0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0156	J	0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0177	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.0183		0.0100	0.00136	mg/L	5		6020A	Total/NA
Boron	55.4		4.00	1.60	mg/L	400		6020A	Total/NA
Cadmium	0.00634	J	0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	568		40.0	12.0	mg/L	400		6020A	Total/NA
Cobalt	0.263		0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	19.4		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	126		0.500	0.0819	mg/L	5		6020A	Total/NA
Sodium	2740		40.0	22.6	mg/L	400		6020A	Total/NA
Selenium	0.00679	J	0.0100	0.00295	mg/L	5		6020A	Total/NA
Mercury	0.000545		0.000200	0.0000706	mg/L	1		7470A	Total/NA
Total Dissolved Solids	12700		100	100	mg/L	1		SM 2540C	Total/NA

Client Sample ID: IT Well

Lab Sample ID: 860-109708-6

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
Sulfate - DL	3270		50.0	20.0	mg/L	100		300.0	Total/NA
Lithium	0.794	B	0.0400	0.0174	mg/L	1		6010D	Total/NA
Arsenic	0.0159	J	0.0200	0.00345	mg/L	5		6020A	Total/NA
Barium	0.0172	J	0.0200	0.00671	mg/L	5		6020A	Total/NA
Beryllium	0.00469	J	0.0100	0.00136	mg/L	5		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: IT Well (Continued)

Lab Sample ID: 860-109708-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	13.4		1.00	0.401	mg/L	100		6020A	Total/NA
Cadmium	0.00139	J	0.0100	0.00120	mg/L	5		6020A	Total/NA
Calcium	557		10.0	3.01	mg/L	100		6020A	Total/NA
Cobalt	0.00188	J	0.0100	0.00178	mg/L	5		6020A	Total/NA
Potassium	34.6		0.500	0.110	mg/L	5		6020A	Total/NA
Magnesium	50.9		0.500	0.0819	mg/L	5		6020A	Total/NA
Molybdenum	0.0171		0.0100	0.00128	mg/L	5		6020A	Total/NA
Sodium	1670		10.0	5.64	mg/L	100		6020A	Total/NA
Total Alkalinity	358		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	358		4.00	4.00	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	5600		100	100	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-02

Lab Sample ID: 860-109708-1

Date Collected: 08/20/25 10:45

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2680		5.00	2.50	mg/L			08/27/25 18:16	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 18:16	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	4050		50.0	20.0	mg/L			08/27/25 18:27	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.50		0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 17:28	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0160	J	0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:00	5
Barium	0.0164	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:00	5
Beryllium	0.0175		0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:00	5
Boron	54.0		2.00	0.801	mg/L		08/27/25 08:50	08/28/25 18:05	200
Cadmium	0.00613	J	0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:00	5
Calcium	552		20.0	6.01	mg/L		08/27/25 08:50	08/28/25 18:05	200
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:00	5
Cobalt	0.256		0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:00	5
Potassium	18.6		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:00	5
Magnesium	120		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:00	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:00	5
Sodium	2550		20.0	11.3	mg/L		08/27/25 08:50	08/28/25 18:05	200
Lead	0.00184	U	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:00	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:00	5
Selenium	0.00637	J	0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:00	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:00	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000501		0.000200	0.0000706	mg/L		09/16/25 12:22	09/16/25 18:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 13:05	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 13:05	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 13:05	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 13:05	1
Total Dissolved Solids (SM 2540C)	10100		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	116		25.0	27.5	50.0	18.0	pCi/L	08/26/25 18:28	09/16/25 10:20	1
Radium-228	-12.2	U G	35.0	35.0	50.0	61.7	pCi/L	08/26/25 18:28	09/16/25 10:20	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-04

Lab Sample ID: 860-109708-2

Date Collected: 08/20/25 11:20

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3640		5.00	2.50	mg/L			08/27/25 18:37	10
Fluoride	1.47	J	5.00	1.00	mg/L			08/27/25 18:37	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2650		50.0	20.0	mg/L			08/27/25 18:47	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.06	B	0.0400	0.0174	mg/L		08/29/25 10:00	08/29/25 19:28	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0361		0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:06	5
Barium	0.0187	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:06	5
Beryllium	0.0800		0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:06	5
Boron	33.9		2.00	0.801	mg/L		08/27/25 08:50	08/28/25 18:08	200
Cadmium	0.160		0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:06	5
Calcium	809		20.0	6.01	mg/L		08/27/25 08:50	08/28/25 18:08	200
Chromium	0.00626	J	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:06	5
Cobalt	0.949		0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:06	5
Potassium	26.5		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:06	5
Magnesium	138		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:06	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:06	5
Sodium	2320		20.0	11.3	mg/L		08/27/25 08:50	08/28/25 18:08	200
Lead	0.00193	J	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:06	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:06	5
Selenium	0.00915	J	0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:06	5
Thallium	0.00462	J	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:06	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0156		0.000800	0.000282	mg/L		09/16/25 12:22	09/16/25 19:01	4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 12:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 12:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 12:09	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 12:09	1
Total Dissolved Solids (SM 2540C)	10200		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	39.9		24.3	24.6	50.0	30.5	pCi/L	08/26/25 18:28	09/16/25 10:20	1
Radium-228	19.8	U G	32.6	32.7	50.0	51.8	pCi/L	08/26/25 18:28	09/16/25 10:20	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-05

Lab Sample ID: 860-109708-3

Date Collected: 08/20/25 09:25

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		5.00	2.50	mg/L			08/27/25 18:57	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 18:57	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3540		50.0	20.0	mg/L			08/27/25 19:07	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.20	B	0.0400	0.0174	mg/L		08/29/25 10:00	08/29/25 19:29	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:12	5
Barium	0.0129	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:12	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:12	5
Boron	8.60		1.00	0.401	mg/L		08/27/25 08:50	08/28/25 18:11	100
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:12	5
Calcium	439		10.0	3.01	mg/L		08/27/25 08:50	08/28/25 18:11	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:12	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:12	5
Potassium	36.0		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:12	5
Magnesium	70.6		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:12	5
Molybdenum	0.00382	J	0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:12	5
Sodium	2360		10.0	5.64	mg/L		08/27/25 08:50	08/28/25 18:11	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:12	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:12	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:12	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:12	5

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		09/16/25 12:22	09/16/25 18:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	157		4.00	4.00	mg/L			08/28/25 14:46	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	157		4.00	4.00	mg/L			08/28/25 14:46	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 14:46	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 14:46	1
Total Dissolved Solids (SM 2540C)	8850		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-22.3	U G	19.7	19.8	50.0	79.5	pCi/L	08/26/25 18:28	09/16/25 10:19	1
Radium-228	-26.4	U G	37.4	37.5	50.0	63.2	pCi/L	08/26/25 18:28	09/16/25 10:19	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-06

Lab Sample ID: 860-109708-4

Date Collected: 08/20/25 09:55

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2550		5.00	2.50	mg/L			08/27/25 19:18	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 19:18	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3800		50.0	20.0	mg/L			08/27/25 19:28	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.38	B	0.0400	0.0174	mg/L		08/29/25 10:00	08/29/25 19:31	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00345	U	0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:19	5
Barium	0.0105	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:19	5
Beryllium	0.00136	U	0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:19	5
Boron	13.2		1.00	0.401	mg/L		08/27/25 08:50	08/28/25 18:20	100
Cadmium	0.00120	U	0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:19	5
Calcium	326		10.0	3.01	mg/L		08/27/25 08:50	08/28/25 18:20	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:19	5
Cobalt	0.00178	U	0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:19	5
Potassium	33.9		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:19	5
Magnesium	44.4		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:19	5
Molybdenum	0.00402	J	0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:19	5
Sodium	3170		10.0	5.64	mg/L		08/27/25 08:50	08/28/25 18:20	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:19	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:19	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:19	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:19	5

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		09/16/25 12:22	09/16/25 18:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	201		4.00	4.00	mg/L			08/28/25 16:39	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	201		4.00	4.00	mg/L			08/28/25 16:39	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:39	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:39	1
Total Dissolved Solids (SM 2540C)	9630		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	102		23.2	25.3	50.0	17.9	pCi/L	08/26/25 18:28	09/16/25 11:32	1
Radium-228	-7.02	U G	30.3	30.3	50.0	53.7	pCi/L	08/26/25 18:28	09/16/25 11:32	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: Dup-04

Lab Sample ID: 860-109708-5

Date Collected: 08/20/25 10:00

Matrix: Water

Date Received: 08/21/25 08:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2240		5.00	2.50	mg/L			08/27/25 19:38	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 19:38	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3960		50.0	20.0	mg/L			08/27/25 19:48	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	1.52	B	0.0400	0.0174	mg/L		08/29/25 10:00	08/29/25 19:32	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0156	J	0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:31	5
Barium	0.0177	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:31	5
Beryllium	0.0183		0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:31	5
Boron	55.4		4.00	1.60	mg/L		08/27/25 08:50	08/28/25 18:24	400
Cadmium	0.00634	J	0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:31	5
Calcium	568		40.0	12.0	mg/L		08/27/25 08:50	08/28/25 18:24	400
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:31	5
Cobalt	0.263		0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:31	5
Potassium	19.4		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:31	5
Magnesium	126		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:31	5
Molybdenum	0.00128	U	0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:31	5
Sodium	2740		40.0	22.6	mg/L		08/27/25 08:50	08/28/25 18:24	400
Lead	0.00184	U	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:31	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:31	5
Selenium	0.00679	J	0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:31	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:31	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000545		0.000200	0.0000706	mg/L		09/16/25 12:22	09/16/25 18:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:23	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:23	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:23	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:23	1
Total Dissolved Solids (SM 2540C)	12700		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	64.0		22.0	22.9	50.0	24.9	pCi/L	08/26/25 18:28	09/16/25 11:32	1
Radium-228	-8.99	U G	34.5	34.5	50.0	60.7	pCi/L	08/26/25 18:28	09/16/25 11:32	1

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: IT Well

Lab Sample ID: 860-109708-6

Date Collected: 08/20/25 08:55

Matrix: Water

Date Received: 08/21/25 08:54

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			08/27/25 20:19	10
Fluoride	1.00	U	5.00	1.00	mg/L			08/27/25 20:19	10

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	3270		50.0	20.0	mg/L			08/27/25 20:29	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.794	B	0.0400	0.0174	mg/L		08/29/25 10:00	08/29/25 19:34	1

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0159	J	0.0200	0.00345	mg/L		08/27/25 08:50	08/28/25 03:37	5
Barium	0.0172	J	0.0200	0.00671	mg/L		08/27/25 08:50	08/28/25 03:37	5
Beryllium	0.00469	J	0.0100	0.00136	mg/L		08/27/25 08:50	08/28/25 03:37	5
Boron	13.4		1.00	0.401	mg/L		08/27/25 08:50	08/28/25 18:27	100
Cadmium	0.00139	J	0.0100	0.00120	mg/L		08/27/25 08:50	08/28/25 03:37	5
Calcium	557		10.0	3.01	mg/L		08/27/25 08:50	08/28/25 18:27	100
Chromium	0.00280	U	0.0200	0.00280	mg/L		08/27/25 08:50	08/28/25 03:37	5
Cobalt	0.00188	J	0.0100	0.00178	mg/L		08/27/25 08:50	08/28/25 03:37	5
Potassium	34.6		0.500	0.110	mg/L		08/27/25 08:50	08/28/25 03:37	5
Magnesium	50.9		0.500	0.0819	mg/L		08/27/25 08:50	08/28/25 03:37	5
Molybdenum	0.0171		0.0100	0.00128	mg/L		08/27/25 08:50	08/28/25 03:37	5
Sodium	1670		10.0	5.64	mg/L		08/27/25 08:50	08/28/25 18:27	100
Lead	0.00184	U	0.0100	0.00184	mg/L		08/27/25 08:50	08/28/25 03:37	5
Antimony	0.00375	U	0.0100	0.00375	mg/L		08/27/25 08:50	08/28/25 03:37	5
Selenium	0.00295	U	0.0100	0.00295	mg/L		08/27/25 08:50	08/28/25 03:37	5
Thallium	0.00208	U	0.0100	0.00208	mg/L		08/27/25 08:50	08/28/25 03:37	5

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		09/16/25 12:22	09/16/25 18:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity (SM 2320B)	358		4.00	4.00	mg/L			08/28/25 16:45	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	358		4.00	4.00	mg/L			08/28/25 16:45	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:45	1
Hydroxide Alkalinity (SM 2320B)	4.00	U	4.00	4.00	mg/L			08/28/25 16:45	1
Total Dissolved Solids (SM 2540C)	5600		100	100	mg/L			08/27/25 15:50	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	78.1		26.6	27.7	50.0	29.9	pCi/L	08/26/25 18:28	09/16/25 11:32	1
Radium-228	1.29	U G	2.71	2.71	50.0	65.9	pCi/L	08/26/25 18:28	09/16/25 11:32	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-258120/3

Matrix: Water

Analysis Batch: 258120

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 09:35	1
Fluoride	0.100	U	0.500	0.100	mg/L			08/27/25 09:35	1
Sulfate	0.200	U	0.500	0.200	mg/L			08/27/25 09:35	1

Lab Sample ID: LCS 860-258120/4

Matrix: Water

Analysis Batch: 258120

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	9.721		mg/L		97	90 - 110
Fluoride	10.0	10.00		mg/L		100	90 - 110
Sulfate	10.0	9.998		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-258120/5

Matrix: Water

Analysis Batch: 258120

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	9.641		mg/L		96	90 - 110	1	20
Fluoride	10.0	9.939		mg/L		99	90 - 110	1	20
Sulfate	10.0	9.905		mg/L		99	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-258447/1-A

Matrix: Water

Analysis Batch: 258714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 258447

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0174	U	0.0400	0.0174	mg/L		08/28/25 10:55	08/28/25 16:48	1

Lab Sample ID: LCS 860-258447/2-A

Matrix: Water

Analysis Batch: 258714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 258447

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9520		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-258447/3-A

Matrix: Water

Analysis Batch: 258714

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 258447

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9480		mg/L		95	80 - 120	0	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 860-258389/1-C

Matrix: Water

Analysis Batch: 258837

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 258726

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.09350	J	0.200	0.0868	mg/L		08/29/25 10:00	08/29/25 18:39	1

Lab Sample ID: MB 860-258726/1-A

Matrix: Water

Analysis Batch: 258837

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 258726

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.02340	J	0.0400	0.0174	mg/L		08/29/25 10:00	08/29/25 18:35	1

Lab Sample ID: LCS 860-258726/2-A

Matrix: Water

Analysis Batch: 258837

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 258726

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.9370		mg/L		94	80 - 120

Lab Sample ID: LCSD 860-258726/3-A

Matrix: Water

Analysis Batch: 258837

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 258726

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	1.00	0.9340		mg/L		93	80 - 120	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-257994/1-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000690	U	0.00400	0.000690	mg/L		08/27/25 08:50	08/28/25 01:41	1
Barium	0.00134	U	0.00400	0.00134	mg/L		08/27/25 08:50	08/28/25 01:41	1
Beryllium	0.000271	U	0.00200	0.000271	mg/L		08/27/25 08:50	08/28/25 01:41	1
Cadmium	0.000240	U	0.00200	0.000240	mg/L		08/27/25 08:50	08/28/25 01:41	1
Calcium	0.0301	U	0.100	0.0301	mg/L		08/27/25 08:50	08/28/25 01:41	1
Chromium	0.000560	U	0.00400	0.000560	mg/L		08/27/25 08:50	08/28/25 01:41	1
Cobalt	0.000355	U	0.00200	0.000355	mg/L		08/27/25 08:50	08/28/25 01:41	1
Potassium	0.0220	U	0.100	0.0220	mg/L		08/27/25 08:50	08/28/25 01:41	1
Magnesium	0.0164	U	0.100	0.0164	mg/L		08/27/25 08:50	08/28/25 01:41	1
Molybdenum	0.000255	U	0.00200	0.000255	mg/L		08/27/25 08:50	08/28/25 01:41	1
Lead	0.000367	U	0.00200	0.000367	mg/L		08/27/25 08:50	08/28/25 01:41	1
Antimony	0.000750	U	0.00200	0.000750	mg/L		08/27/25 08:50	08/28/25 01:41	1
Selenium	0.000590	U	0.00200	0.000590	mg/L		08/27/25 08:50	08/28/25 01:41	1
Thallium	0.000415	U	0.00200	0.000415	mg/L		08/27/25 08:50	08/28/25 01:41	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

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

Lab Sample ID: MB 860-257994/1-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 257994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		08/27/25 08:50	08/28/25 17:43	1
Sodium	0.0564	U	0.100	0.0564	mg/L		08/27/25 08:50	08/28/25 17:43	1

Lab Sample ID: LCS 860-257994/2-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Arsenic	0.100	0.09850		mg/L		98	80 - 120	
Barium	0.100	0.1004		mg/L		100	80 - 120	
Beryllium	0.100	0.09783		mg/L		98	80 - 120	
Cadmium	0.100	0.09797		mg/L		98	80 - 120	
Calcium	2.50	2.263		mg/L		91	80 - 120	
Chromium	0.100	0.09448		mg/L		94	80 - 120	
Cobalt	0.100	0.09450		mg/L		95	80 - 120	
Potassium	1.00	0.9563		mg/L		96	80 - 120	
Magnesium	2.50	2.392		mg/L		96	80 - 120	
Molybdenum	0.100	0.09204		mg/L		92	80 - 120	
Lead	0.100	0.09667		mg/L		97	80 - 120	
Antimony	0.100	0.09632		mg/L		96	80 - 120	
Selenium	0.100	0.09903		mg/L		99	80 - 120	
Thallium	0.100	0.09847		mg/L		98	80 - 120	

Lab Sample ID: LCS 860-257994/2-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Boron	0.100	0.09712		mg/L		97	80 - 120	
Sodium	2.50	2.467		mg/L		99	80 - 120	

Lab Sample ID: LCSD 860-257994/3-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Arsenic	0.100	0.09712		mg/L		97	80 - 120		1	20
Barium	0.100	0.09977		mg/L		100	80 - 120		1	20
Beryllium	0.100	0.09775		mg/L		98	80 - 120		0	20
Cadmium	0.100	0.09652		mg/L		97	80 - 120		1	20
Calcium	2.50	2.357		mg/L		94	80 - 120		4	20
Chromium	0.100	0.09384		mg/L		94	80 - 120		1	20
Cobalt	0.100	0.09399		mg/L		94	80 - 120		1	20
Potassium	1.00	0.9576		mg/L		96	80 - 120		0	20
Magnesium	2.50	2.403		mg/L		96	80 - 120		0	20
Molybdenum	0.100	0.09207		mg/L		92	80 - 120		0	20
Lead	0.100	0.09745		mg/L		97	80 - 120		1	20
Antimony	0.100	0.09947		mg/L		99	80 - 120		3	20
Selenium	0.100	0.09802		mg/L		98	80 - 120		1	20

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

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

Lab Sample ID: LCSD 860-257994/3-A

Matrix: Water

Analysis Batch: 258492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	0.100	0.09935		mg/L		99	80 - 120	1	20

Lab Sample ID: LCSD 860-257994/3-A

Matrix: Water

Analysis Batch: 258748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 257994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.09682		mg/L		97	80 - 120	0	20
Sodium	2.50	2.438		mg/L		98	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-262285/1-A

Matrix: Water

Analysis Batch: 262427

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 262285

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0000706	U	0.000200	0.0000706	mg/L		09/16/25 12:22	09/16/25 18:18	1

Lab Sample ID: LCS 860-262285/2-A

Matrix: Water

Analysis Batch: 262427

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 262285

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.00200	0.002099		mg/L		105	80 - 120		

Lab Sample ID: LCSD 860-262285/3-A

Matrix: Water

Analysis Batch: 262427

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 262285

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.002111		mg/L		106	80 - 120	1	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
Total 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

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
Total Alkalinity	4.00	U	4.00	4.00	mg/L			08/28/25 14:28	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Method: SM 2320B - Alkalinity (Continued)

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
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

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
Total Alkalinity	250	251.8		mg/L		101	85 - 115

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
Total 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
Total 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
Total Alkalinity	250	239.8		mg/L		96	85 - 115	5	20

Lab Sample ID: 860-109708-3 DU

Matrix: Water

Analysis Batch: 258600

Client Sample ID: EW-05

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity	157		154.8		mg/L		2	20
Bicarbonate Alkalinity as CaCO3	157		154.8		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

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-258214/1

Matrix: Water

Analysis Batch: 258214

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 15:50	1

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 860-258214/2

Matrix: Water

Analysis Batch: 258214

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	1184		mg/L		118	80 - 120

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-733736/1-A

Matrix: Water

Analysis Batch: 736708

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 733736

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.088	U G	5.16	5.17	50.0	69.3	pCi/L	08/26/25 18:28	09/19/25 11:22	1
Radium-228	7.685	U	32.6	32.6	50.0	44.8	pCi/L	08/26/25 18:28	09/19/25 11:22	1

Lab Sample ID: LCS 160-733736/2-A

Matrix: Water

Analysis Batch: 736227

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 733736

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	139500		15200		1010	pCi/L	98	75 - 125
Cesium-137	37700	38120		3790		161	pCi/L	101	75 - 125
Cobalt-60	51600	49560		4830		105	pCi/L	96	75 - 125

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

HPLC/IC

Analysis Batch: 258120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	300.0	
860-109708-1 - DL	EW-02	Total/NA	Water	300.0	
860-109708-2	EW-04	Total/NA	Water	300.0	
860-109708-2 - DL	EW-04	Total/NA	Water	300.0	
860-109708-3	EW-05	Total/NA	Water	300.0	
860-109708-3 - DL	EW-05	Total/NA	Water	300.0	
860-109708-4	EW-06	Total/NA	Water	300.0	
860-109708-4 - DL	EW-06	Total/NA	Water	300.0	
860-109708-5	Dup-04	Total/NA	Water	300.0	
860-109708-5 - DL	Dup-04	Total/NA	Water	300.0	
860-109708-6	IT Well	Total/NA	Water	300.0	
860-109708-6 - DL	IT Well	Total/NA	Water	300.0	
MB 860-258120/3	Method Blank	Total/NA	Water	300.0	
LCS 860-258120/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-258120/5	Lab Control Sample Dup	Total/NA	Water	300.0	

Metals

Prep Batch: 257994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	3010A	
860-109708-2	EW-04	Total/NA	Water	3010A	
860-109708-3	EW-05	Total/NA	Water	3010A	
860-109708-4	EW-06	Total/NA	Water	3010A	
860-109708-5	Dup-04	Total/NA	Water	3010A	
860-109708-6	IT Well	Total/NA	Water	3010A	
MB 860-257994/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-257994/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-257994/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Leach Batch: 258389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-258389/1-C	Method Blank	Total/NA	Water	1311	

Prep Batch: 258447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	3010A	
MB 860-258447/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258447/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258447/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 258492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	6020A	257994
860-109708-2	EW-04	Total/NA	Water	6020A	257994
860-109708-3	EW-05	Total/NA	Water	6020A	257994
860-109708-4	EW-06	Total/NA	Water	6020A	257994
860-109708-5	Dup-04	Total/NA	Water	6020A	257994
860-109708-6	IT Well	Total/NA	Water	6020A	257994
MB 860-257994/1-A	Method Blank	Total/NA	Water	6020A	257994
LCS 860-257994/2-A	Lab Control Sample	Total/NA	Water	6020A	257994

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Metals (Continued)

Analysis Batch: 258492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-257994/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257994

Analysis Batch: 258714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	6010D	258447
MB 860-258447/1-A	Method Blank	Total/NA	Water	6010D	258447
LCS 860-258447/2-A	Lab Control Sample	Total/NA	Water	6010D	258447
LCSD 860-258447/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258447

Prep Batch: 258726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-2	EW-04	Total/NA	Water	3010A	258389
860-109708-3	EW-05	Total/NA	Water	3010A	
860-109708-4	EW-06	Total/NA	Water	3010A	
860-109708-5	Dup-04	Total/NA	Water	3010A	
860-109708-6	IT Well	Total/NA	Water	3010A	
LB 860-258389/1-C	Method Blank	Total/NA	Water	3010A	
MB 860-258726/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-258726/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-258726/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 258748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	6020A	257994
860-109708-2	EW-04	Total/NA	Water	6020A	257994
860-109708-3	EW-05	Total/NA	Water	6020A	257994
860-109708-4	EW-06	Total/NA	Water	6020A	257994
860-109708-5	Dup-04	Total/NA	Water	6020A	257994
860-109708-6	IT Well	Total/NA	Water	6020A	257994
MB 860-257994/1-A	Method Blank	Total/NA	Water	6020A	257994
LCS 860-257994/2-A	Lab Control Sample	Total/NA	Water	6020A	257994
LCSD 860-257994/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	257994

Analysis Batch: 258837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-2	EW-04	Total/NA	Water	6010D	258726
860-109708-3	EW-05	Total/NA	Water	6010D	258726
860-109708-4	EW-06	Total/NA	Water	6010D	258726
860-109708-5	Dup-04	Total/NA	Water	6010D	258726
860-109708-6	IT Well	Total/NA	Water	6010D	258726
LB 860-258389/1-C	Method Blank	Total/NA	Water	6010D	258726
MB 860-258726/1-A	Method Blank	Total/NA	Water	6010D	258726
LCS 860-258726/2-A	Lab Control Sample	Total/NA	Water	6010D	258726
LCSD 860-258726/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	258726

Prep Batch: 262285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	7470A	7470A
860-109708-2	EW-04	Total/NA	Water	7470A	
860-109708-3	EW-05	Total/NA	Water	7470A	
860-109708-4	EW-06	Total/NA	Water	7470A	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Metals (Continued)

Prep Batch: 262285 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-5	Dup-04	Total/NA	Water	7470A	
860-109708-6	IT Well	Total/NA	Water	7470A	
MB 860-262285/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-262285/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-262285/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 262427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	7470A	262285
860-109708-2	EW-04	Total/NA	Water	7470A	262285
860-109708-3	EW-05	Total/NA	Water	7470A	262285
860-109708-4	EW-06	Total/NA	Water	7470A	262285
860-109708-5	Dup-04	Total/NA	Water	7470A	262285
860-109708-6	IT Well	Total/NA	Water	7470A	262285
MB 860-262285/1-A	Method Blank	Total/NA	Water	7470A	262285
LCS 860-262285/2-A	Lab Control Sample	Total/NA	Water	7470A	262285
LCSD 860-262285/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	262285

General Chemistry

Analysis Batch: 258214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	SM 2540C	
860-109708-2	EW-04	Total/NA	Water	SM 2540C	
860-109708-3	EW-05	Total/NA	Water	SM 2540C	
860-109708-4	EW-06	Total/NA	Water	SM 2540C	
860-109708-5	Dup-04	Total/NA	Water	SM 2540C	
860-109708-6	IT Well	Total/NA	Water	SM 2540C	
MB 860-258214/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-258214/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 258600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	SM 2320B	
860-109708-2	EW-04	Total/NA	Water	SM 2320B	
860-109708-3	EW-05	Total/NA	Water	SM 2320B	
860-109708-4	EW-06	Total/NA	Water	SM 2320B	
860-109708-5	Dup-04	Total/NA	Water	SM 2320B	
860-109708-6	IT Well	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	
860-109708-3 DU	EW-05	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 733736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-1	EW-02	Total/NA	Water	Fill_Geo-21	

Eurofins Houston

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Rad (Continued)

Prep Batch: 733736 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-109708-2	EW-04	Total/NA	Water	Fill_Geo-21	
860-109708-3	EW-05	Total/NA	Water	Fill_Geo-21	
860-109708-4	EW-06	Total/NA	Water	Fill_Geo-21	
860-109708-5	Dup-04	Total/NA	Water	Fill_Geo-21	
860-109708-6	IT Well	Total/NA	Water	Fill_Geo-21	
MB 160-733736/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-733736/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-02

Date Collected: 08/20/25 10:45

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109708-1

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	300.0		10			258120	08/27/25 18:16	AK1	EET HOU
Total/NA	Analysis	300.0	DL	100			258120	08/27/25 18:27	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258447	08/28/25 10:55	MD	EET HOU
Total/NA	Analysis	6010D		1			258714	08/28/25 17:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:00	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		200			258748	08/28/25 18:05	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	262285	09/16/25 12:22	AGR	EET HOU
Total/NA	Analysis	7470A		1			262427	09/16/25 18:45	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 13:05	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736220	09/16/25 10:20	MLS	EET SL

Client Sample ID: EW-04

Date Collected: 08/20/25 11:20

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109708-2

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	300.0		10			258120	08/27/25 18:37	AK1	EET HOU
Total/NA	Analysis	300.0	DL	100			258120	08/27/25 18:47	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258726	08/29/25 10:00	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 19:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:06	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		200			258748	08/28/25 18:08	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	262285	09/16/25 12:22	AGR	EET HOU
Total/NA	Analysis	7470A		4			262427	09/16/25 19:01	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 12:09	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 10:20	CAH	EET SL

Client Sample ID: EW-05

Date Collected: 08/20/25 09:25

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109708-3

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	300.0		10			258120	08/27/25 18:57	AK1	EET HOU
Total/NA	Analysis	300.0	DL	100			258120	08/27/25 19:07	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258726	08/29/25 10:00	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 19:29	JDM	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: EW-05

Date Collected: 08/20/25 09:25

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109708-3

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	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:12	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 18:11	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	262285	09/16/25 12:22	AGR	EET HOU
Total/NA	Analysis	7470A		1			262427	09/16/25 18:50	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 14:46	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736227	09/16/25 10:19	MLS	EET SL

Client Sample ID: EW-06

Date Collected: 08/20/25 09:55

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109708-4

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	300.0		10			258120	08/27/25 19:18	AK1	EET HOU
Total/NA	Analysis	300.0	DL	100			258120	08/27/25 19:28	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258726	08/29/25 10:00	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 19:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:19	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 18:20	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	262285	09/16/25 12:22	AGR	EET HOU
Total/NA	Analysis	7470A		1			262427	09/16/25 18:52	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 16:39	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736220	09/16/25 11:32	MLS	EET SL

Client Sample ID: Dup-04

Date Collected: 08/20/25 10:00

Date Received: 08/21/25 08:54

Lab Sample ID: 860-109708-5

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		10			258120	08/27/25 19:38	AK1	EET HOU
Total/NA	Analysis	300.0	DL	100			258120	08/27/25 19:48	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258726	08/29/25 10:00	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 19:32	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:31	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		400			258748	08/28/25 18:24	DP	EET HOU

Eurofins Houston

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Client Sample ID: Dup-04

Lab Sample ID: 860-109708-5

Date Collected: 08/20/25 10:00

Matrix: Water

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	7470A			50 mL	50 mL	262285	09/16/25 12:22	AGR	EET HOU
Total/NA	Analysis	7470A		1			262427	09/16/25 18:53	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 16:23	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736227	09/16/25 11:32	MLS	EET SL

Client Sample ID: IT Well

Lab Sample ID: 860-109708-6

Date Collected: 08/20/25 08:55

Matrix: Water

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	300.0		10			258120	08/27/25 20:19	AK1	EET HOU
Total/NA	Analysis	300.0	DL	100			258120	08/27/25 20:29	AK1	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	258726	08/29/25 10:00	MD	EET HOU
Total/NA	Analysis	6010D		1			258837	08/29/25 19:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		5			258492	08/28/25 03:37	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	257994	08/27/25 08:50	MD	EET HOU
Total/NA	Analysis	6020A		100			258748	08/28/25 18:27	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	262285	09/16/25 12:22	AGR	EET HOU
Total/NA	Analysis	7470A		1			262427	09/16/25 18:55	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			258600	08/28/25 16:45	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	258214	08/27/25 15:50	AP	EET HOU
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	733736	08/26/25 18:28	SRE	EET SL
Total/NA	Analysis	901.1		1			736228	09/16/25 11:32	CAH	EET SL

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

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
6020A	3010A	Water	Calcium
SM 2320B		Water	Bicarbonate Alkalinity as CaCO ₃
SM 2320B		Water	Carbonate Alkalinity as CaCO ₃
SM 2320B		Water	Hydroxide Alkalinity

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

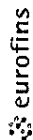
Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op

Job ID: 860-109708-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-109708-1	EW-02	Water	08/20/25 10:45	08/21/25 08:54	Texas
860-109708-2	EW-04	Water	08/20/25 11:20	08/21/25 08:54	Texas
860-109708-3	EW-05	Water	08/20/25 09:25	08/21/25 08:54	Texas
860-109708-4	EW-06	Water	08/20/25 09:55	08/21/25 08:54	Texas
860-109708-5	Dup-04	Water	08/20/25 10:00	08/21/25 08:54	Texas
860-109708-6	IT Well	Water	08/20/25 08:55	08/21/25 08:54	Texas

Phone (281) 240-4200

Chain of Custody Record



အမျိုးသမီးများ၏ အကျိုးအမြတ်ကို ထိန်းသိမ်းပေးရန်

Client Information Client Contact: Mike Schofield Company: GSI Environmental, Inc. Address: 9600 Great Hills Trail Suite 350E City: Austin State, Zip: TX, 78759 Phone: 512-346-4474 (Tel) 512-346-4476 (Fax) Email: mlschofield@gsi-net.com Project Name: San Miguel Electrical Co-Op GW Site: <u>Aspen Extraction System + IT well</u>		Carrier Tracking No(s): 860-3614-1220.1 Page: 10F1 Job #:																																																	
Lab PM: Kudchadkar Sachin G E-Mail: Sachin.Kudchadkar@Euroinset.com Phone: 713-653-3127 PWSID:		Carrier Tracking No(s): 860-3614-1220.1 Page: 10F1 Job #:																																																	
Analysis Requested Due Date Requested: TAT Requested (days): Compliance Project: ☐ Yes ☐ No PO #: WO #: Project #: 86001746 SSOW#:		Special Instructions/Note: Total Number of containers:																																																	
Sample Identification <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=Comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=other)</th> <th>Preservation Code:</th> </tr> </thead> <tbody> <tr> <td>EW-01</td> <td>8-20-25</td> <td>1045</td> <td>G</td> <td>Water</td> <td></td> </tr> <tr> <td>EW-02</td> <td>8-20-25</td> <td>1120</td> <td></td> <td>Water</td> <td></td> </tr> <tr> <td>EW-03</td> <td></td> <td>925</td> <td></td> <td>Water</td> <td></td> </tr> <tr> <td>EW-04</td> <td></td> <td>955</td> <td></td> <td>Water</td> <td></td> </tr> <tr> <td>EW-05</td> <td></td> <td>1000</td> <td></td> <td>Water</td> <td></td> </tr> <tr> <td>DUP-04</td> <td></td> <td>855</td> <td></td> <td>Water</td> <td></td> </tr> <tr> <td>IT well</td> <td></td> <td></td> <td></td> <td>Water</td> <td></td> </tr> </tbody> </table>		Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other)	Preservation Code:	EW-01	8-20-25	1045	G	Water		EW-02	8-20-25	1120		Water		EW-03		925		Water		EW-04		955		Water		EW-05		1000		Water		DUP-04		855		Water		IT well				Water		Special Instructions/Note: Temp: 1.9 IR ID: HOU-368 C/F: 0.2 Corrected Temp: 1.7 Temp: 2.9 IR ID: HOU-368 C/F: 0.2 Corrected Temp: 2.7	
Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=other)	Preservation Code:																																														
EW-01	8-20-25	1045	G	Water																																															
EW-02	8-20-25	1120		Water																																															
EW-03		925		Water																																															
EW-04		955		Water																																															
EW-05		1000		Water																																															
DUP-04		855		Water																																															
IT well				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: <u>JWS</u> Relinquished by: Relinquished by:		Received by: Received by: <u>[Signature]</u> Received by: Received by:																																																	
Date: 8-21-25 854 Date/Time: 8-21-25 854 Date/Time:		Date: 8-21-25 854 Date/Time: 8-21-25 854 Date/Time:																																																	
Custody Seals Intact: Custody Seal No.		Custody Seals Intact: Custody Seal No.																																																	

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-109708-1

Login Number: 109708

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

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.	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: GSI Environmental Inc

Job Number: 860-109708-1

Login Number: 109708

List Number: 2

Creator: Pinette, Meadow L

List Source: Eurofins St. Louis

List Creation: 08/26/25 11:59 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

DATA USABILITY SUMMARY

October 2025 Sampling Event (Job ID: 860-113002-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **two groundwater samples collected at the Ash Pile on 1 October 2025** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). GSI certifies that at the time the laboratory data were generated for the project, EET HOU was National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A. No radiochemistry analyses were performed because the Ash Pile is in detection monitoring.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. The samples were collected as part of a resampling event to confirm concentrations. As a result, a focused list of analytes was requested as compared to a typical semiannual monitoring event at the Ash Pile. Analyses requested included:

- Method 6020A - Metals (Inductively Coupled Plasma (ICP)/Mass Spectrometry)
- Method 300.0 – Anions, Ion Chromatography

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Two (2) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	LCS/LCSD		MS/MSD	
	% R	RPD	%R	RPD
Metals	80 – 120	20	75 – 125	20
Inorganic Anions	90 – 110	20	–	–

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 2. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times. Items related to sample preparation are listed below.

- Sample SP-32 by Method 300.0 was diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples SP-02 and SP-32 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

No calibration issues were noted in the LCN or during review of the laboratory data package:

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues with the method blanks were noted in the LCN or during review of the laboratory data package.

Finding: No qualifiers were added per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

The LCN and lab report indicated the following issues with matrix spike (MS)/matrix spike duplicate (MSD) data:

- The recoveries for preparation batch 860-265943 and analytical batch 860-266679 analyzed using sample SP-32 were outside control limits for Boron (MSD). Recovery of Boron in the MSD sample was 191%, above the desired range of 75-125%. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample/laboratory control sample duplicate (LCS/LCSD) recoveries were within acceptance limits. In addition, the spiking amounts were less than 4 times the result in the unspiked parent sample. As a result, no qualifiers were added as part of this evaluation.

Findings: No qualifiers were added per this evaluation.

Field Duplicates (Field Precision)

Not applicable.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. No qualifiers were added based on this review and evaluation.

REFERENCES

GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
10/01/2025	EET HOU	860-113002-1	SP-02	Water
10/01/2025	EET HOU	860-113002-2	SP-32	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 08/26/2025
Expiration Date: 06/30/2026
Certificate ID: TX-C25-00241

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/26/2025

Attachment B

Eurofins Houston – Stafford, Texas

Analytical Report

Job ID.: 860-113002-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 10/6/2025 5:28:21 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op 2H25 SMEC

JOB NUMBER

860-113002-1

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
10/6/2025 5:28:21 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
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.
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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Job ID: 860-113002-1

Eurofins Houston

Job Narrative 860-113002-1

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

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

Receipt

The samples were received on 10/1/2025 4:24 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C.

HPLC/IC

Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: SP-32 (860-113002-2). 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 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-265943 and analytical batch 860-266679 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Client Sample ID: SP-02

Lab Sample ID: 860-113002-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	13.8		1.00	0.401	mg/L	100		6020A	Total/NA

Client Sample ID: SP-32

Lab Sample ID: 860-113002-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2340		2.50	1.25	mg/L	5		300.0	Total/NA
Calcium	495		5.00	1.50	mg/L	50		6020A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Client Sample ID: SP-02

Date Collected: 10/01/25 11:05

Date Received: 10/01/25 16:24

Lab Sample ID: 860-113002-1

Matrix: Water

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	13.8		1.00	0.401	mg/L		10/02/25 10:00	10/06/25 15:42	100

Client Sample ID: SP-32

Date Collected: 10/01/25 11:45

Date Received: 10/01/25 16:24

Lab Sample ID: 860-113002-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2340		2.50	1.25	mg/L			10/03/25 21:46	5

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	495		5.00	1.50	mg/L		10/02/25 10:00	10/06/25 15:33	50

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-266201/3

Matrix: Water

Analysis Batch: 266201

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			10/03/25 10:19	1

Lab Sample ID: MB 860-266201/57

Matrix: Water

Analysis Batch: 266201

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			10/03/25 16:02	1

Lab Sample ID: LCS 860-266201/58

Matrix: Water

Analysis Batch: 266201

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	10.24		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-266201/59

Matrix: Water

Analysis Batch: 266201

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	10.25		mg/L		102	90 - 110	0	20

Lab Sample ID: LLCS 860-266201/7

Matrix: Water

Analysis Batch: 266201

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	0.7414		mg/L		148	50 - 150

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-265943/1-A

Matrix: Water

Analysis Batch: 266679

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 265943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		10/02/25 10:00	10/06/25 15:25	1

Lab Sample ID: LCS 860-265943/2-A

Matrix: Water

Analysis Batch: 266679

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 265943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09033		mg/L		90	80 - 120

Eurofins Houston

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

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

Lab Sample ID: LCSD 860-265943/3-A
Matrix: Water
Analysis Batch: 266679

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 265943

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			0.100	0.09298		mg/L		93	80 - 120	3	20

Lab Sample ID: 860-113002-2 MS
Matrix: Water
Analysis Batch: 266679

Client Sample ID: SP-32
Prep Type: Total/NA
Prep Batch: 265943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	8.87		0.100	8.971	4	mg/L		99	75 - 125		

Lab Sample ID: 860-113002-2 MSD
Matrix: Water
Analysis Batch: 266679

Client Sample ID: SP-32
Prep Type: Total/NA
Prep Batch: 265943

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	8.87		0.100	9.063	4	mg/L		191	75 - 125	1	20

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

HPLC/IC

Analysis Batch: 266201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113002-2	SP-32	Total/NA	Water	300.0	
MB 860-266201/3	Method Blank	Total/NA	Water	300.0	
MB 860-266201/57	Method Blank	Total/NA	Water	300.0	
LCS 860-266201/58	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-266201/59	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-266201/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 265943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113002-1	SP-02	Total/NA	Water	3010A	
860-113002-2	SP-32	Total/NA	Water	3010A	
MB 860-265943/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-265943/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-265943/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
860-113002-2 MS	SP-32	Total/NA	Water	3010A	
860-113002-2 MSD	SP-32	Total/NA	Water	3010A	

Analysis Batch: 266679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113002-1	SP-02	Total/NA	Water	6020A	265943
860-113002-2	SP-32	Total/NA	Water	6020A	265943
MB 860-265943/1-A	Method Blank	Total/NA	Water	6020A	265943
LCS 860-265943/2-A	Lab Control Sample	Total/NA	Water	6020A	265943
LCSD 860-265943/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	265943
860-113002-2 MS	SP-32	Total/NA	Water	6020A	265943
860-113002-2 MSD	SP-32	Total/NA	Water	6020A	265943

Lab Chronicle

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Client Sample ID: SP-02
Date Collected: 10/01/25 11:05
Date Received: 10/01/25 16:24

Lab Sample ID: 860-113002-1
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	3010A			50 mL	50 mL	265943	10/02/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		100			266679	10/06/25 15:42	DP	EET HOU

Client Sample ID: SP-32
Date Collected: 10/01/25 11:45
Date Received: 10/01/25 16:24

Lab Sample ID: 860-113002-2
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	300.0		5			266201	10/03/25 21:46	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	265943	10/02/25 10:00	MD	EET HOU
Total/NA	Analysis	6020A		50			266679	10/06/25 15:33	DP	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

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
6020A	3010A	Water	Calcium

Method Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op 2H25 SMEC

Job ID: 860-113002-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-113002-1	SP-02	Water	10/01/25 11:05	10/01/25 16:24	Texas
860-113002-2	SP-32	Water	10/01/25 11:45	10/01/25 16:24	Texas

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody Record

Client Information Client Contact: Mike Schofield Phone: 512-346-4474 (Tel) 512-346-4476 (Fax) Email: mlschofield@gsi-net.com Project Name: San Miguel Electrical Co-Op GW 2H25 Resample Site: Ash Pile		Analysis Requested Due Date Requested: TAT Requested (days): 5TD PO #: WO #: Project #: Project Name: San Miguel Electrical Co-Op GW 2H25 Resample Site: Ash Pile		Carrier Tracking No(s): Page 1 of 1 Job #:	
Sample ID: 101125 Date: 10/1/25 Time: 11:05 Matrix: Water Sample Type: G-Grab Sample Time: 1105 Sample Date: 10/1/25		6020A Calcium 6020A Boron 300 Chloride		Preservation Codes: A HCL B NaOH C Zn Acetate D Nitric Acid E NaHSO4 F MeOH G Anchor H Ascorbic Acid I Ice J DI Water K EDTA L EDA M Hexane N None O AsNaO2 P Na2O4S Q Na2SO3 R Na2SO4 S H2SO4 T TSP Dodecahydrate U Acetone V MCAA W pH 4-5 Z other (specify)	
Special Instructions/Note: 860-113002 Chain of Custody Temp. 13 IR ID HOU-368 C/F: -0.2 Corrected Temp: 11		Total Number of Containers: 1			
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			
Empty Kit Relinquished by:		Method of Shipment:			
Relinquished by:		Date/Time: 10/1/25 4:25 Company:			
Relinquished by:		Date/Time: 10/1/25 1624 Company:			
Relinquished by:		Date/Time: 10/1/25 1624 Company:			
Custody Seals Intact: Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks:			

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-113002-1

Login Number: 113002

List Source: Eurofins Houston

List Number: 1

Creator: Rubio, Yuri

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.	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	

DATA USABILITY SUMMARY

November 2025 Sampling Event (Job ID: 860-116193-1)

OVERVIEW

GSI Environmental Inc. (GSI) reviewed one data package from Eurofins Houston located in Stafford, Texas (EET HOU) for the analysis of **two groundwater samples collected at the Ash Pile on 11 November 2025** at the San Miguel Electric Cooperative, Inc., Christine, Atascosa County, Texas site. Data were reviewed for i) conformance to the requirements of the guidance document *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13) and ii) adherence to project objectives (e.g., GSI 2019). GSI certifies that at the time the laboratory data were generated for the project, EET HOU was National Environmental Laboratory Accreditation Program (NELAP)-accredited under the Texas Laboratory Accreditation Program (Certification Number: T104704215) for the matrices, analytes, and methods of analysis requested on the chain-of-custody documentation. A copy of EET HOU's NELAP certificates applicable to the period during which the laboratory generated the data in this report is included as Attachment A. No radiochemistry analyses were performed because the Ash Pile is in detection monitoring.

Intended Use of Data

Samples were collected to provide current data on groundwater conditions at the test location. The samples were collected as part of a resampling event to confirm concentrations. As a result, a focused list of analytes was requested as compared to a typical semiannual monitoring event at the Ash Pile. Analyses requested included:

- Method 6020A - Metals (Inductively Coupled Plasma (ICP)/Mass Spectrometry)
- Method 300.0 – Anions, Ion Chromatography

Data were reviewed and validated, as described in *Review and Reporting of COC Concentration Data* (RG-366/TRRP-13), and the results are discussed in this Data Usability Summary (DUS). The following laboratory submittals and field data were examined:

- the reportable data (i.e., results provided in the laboratory data package),
- the laboratory review checklists and associated exception reports, and
- the field notes with respect to field instrument calibrations, filtering procedures (if applicable), and sampling procedures.

The results of supporting quality control (QC) analyses were summarized in the laboratory case narrative (LCN), which was included in this review. The case narrative and reportable data included in this review are attached to this DUS as Attachment B.

INTRODUCTION

Two (2) water samples were submitted to the laboratory, and all requested analyses were completed. Table 1 lists the sample identifications cross-referenced to laboratory identifications.

PROJECT MEASUREMENT QUALITY OBJECTIVES

The following criteria were used in this review:

Analytes	LCS/LCSD	
	% R	RPD
Metals	80 – 120	20
Inorganic Anions	90 – 110	20

DATA REVIEW / VALIDATION RESULTS

Analytical Results

Results from these samples may be considered usable with the limitations and exceptions described in this section. Sample data qualified as a result of this DUS, if any, are listed in Table 2. Non-detected results are reported as less than the value of the method detection limit (MDL). Results between the MDL and reporting (RL) are J-flagged.

Finding: All requested analyses were completed, and results were reported as requested.

Preservation and Holding Times

The samples were evaluated for agreement with the chain-of-custody (C-O-C). The samples were received by the laboratory in the appropriate containers and in good condition, with proper completion of the C-O-C documentation. Samples receipt temperature was within the acceptance criteria, and field preservation was done as specified in the Sampling and Analysis Plan [SAP] (GSI, 2019). Samples were prepared and analyzed within method-specified holding times. Items related to sample preparation are listed below.

- Sample SP-32 by Method 300.0 was diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.
- Samples SP-02 by Method 6020A were diluted to bring the concentration of target analytes within the calibration range. Elevated RLs are provided.

Finding: No qualifiers were added per this evaluation.

Calibrations

No calibration issues were noted in the LCN or during review of the laboratory data package:

Finding: No qualifiers were added per this evaluation.

Blanks

Method (Laboratory) Blanks

No issues with the method blanks were noted in the LCN or during review of the laboratory data package.

Finding: No qualifiers were added per this evaluation.

Internal Standard and Surrogate Recoveries (VOCs and SVOCs Only)

Not applicable.

Laboratory Control Samples

The Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) recoveries and Relative Percent Differences (RPDs) were within the project-defined QC acceptance criteria.

Finding: No qualifiers were added per this evaluation.

Matrix Spike/Matrix Spike Duplicates and Laboratory Duplicates

Not applicable.

Field Duplicates (Field Precision)

Not applicable.

Field Procedures

Sample collection and documentation was done in accordance with the Groundwater Sampling and Analysis Plan (SAP; GSI, 2019).

Finding: Field activities were consistent with the SAP.

SUMMARY

The analytical data are usable for the purpose of characterizing groundwater conditions. No qualifiers were added based on this review and evaluation.

REFERENCES

GSI Environmental, Inc., 2019, Groundwater Sampling and Analysis Plan, San Miguel Electric Cooperative, Inc., December 26.
TCEQ 2010. Review and Reporting of COC Concentration Data under TRRP, RG-366/TRRP-13
https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rq/rq-366-trrp-13.pdf

TABLES

TABLE 1
Cross-Reference Field Sample and Laboratory Identifications

Sample Date	Lab	Lab Sample ID	Field Sample ID	Matrix
11/11/2025	EET HOU	860-116193-1	SP-02	Water
11/11/2025	EET HOU	860-116193-2	SP-32	Water

Notes:

1. EET HOU: Eurofins Houston, Stafford, Texas

Attachment A

TCEQ NELAP-Recognized Laboratory Accreditation Certificates



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 08/26/2025
Expiration Date: 06/30/2026
Certificate ID: TX-C25-00241

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/26/2025

Attachment B
Eurofins Houston – Stafford, Texas
Analytical Report
Job ID.: 860-116193-1

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Schofield
GSI Environmental Inc
9600 Great Hills Trail
Suite 350E
Austin, Texas 78759

Generated 11/25/2025 12:58:20 PM

JOB DESCRIPTION

San Miguel Electrical Co-Op Nov 2025 Re-sample

JOB NUMBER

860-116193-1

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
11/25/2025 12:58:20 PM

Authorized for release by
Sachin Kudchadkar, Senior Project Manager
Sachin.Kudchadkar@et.eurofinsus.com
(281)748-9025

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16



Definitions/Glossary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

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: GSI Environmental Inc
Project: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

Job ID: 860-116193-1

Eurofins Houston

Job Narrative 860-116193-1

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

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

Receipt

The samples were received on 11/11/2025 4:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C.

HPLC/IC

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

Metals

Method 6020A: The following sample was diluted to bring the concentration of target analytes within the calibration range: SP-02 (860-116193-1). 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.

Eurofins Houston

Detection Summary

Client: GSI Environmental Inc

Job ID: 860-116193-1

Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Client Sample ID: SP-02

Lab Sample ID: 860-116193-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	11.1		0.200	0.0801	mg/L	20		6020A	Total/NA

Client Sample ID: SP-32

Lab Sample ID: 860-116193-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2790		5.00	2.50	mg/L	10		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Houston

Client Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

Client Sample ID: SP-02

Date Collected: 11/11/25 11:05

Date Received: 11/11/25 16:26

Lab Sample ID: 860-116193-1

Matrix: Water

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	11.1		0.200	0.0801	mg/L		11/13/25 11:00	11/16/25 17:46	20

Client Sample ID: SP-32

Date Collected: 11/11/25 11:50

Date Received: 11/11/25 16:26

Lab Sample ID: 860-116193-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2790		5.00	2.50	mg/L			11/17/25 17:30	10

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-276288/3

Matrix: Water

Analysis Batch: 276288

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			11/17/25 10:09	1

Lab Sample ID: MB 860-276288/62

Matrix: Water

Analysis Batch: 276288

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			11/17/25 15:56	1

Lab Sample ID: LCS 860-276288/4

Matrix: Water

Analysis Batch: 276288

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	9.928		mg/L		99	90 - 110

Lab Sample ID: LCS 860-276288/63

Matrix: Water

Analysis Batch: 276288

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	9.888		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-276288/5

Matrix: Water

Analysis Batch: 276288

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	10.14		mg/L		101	90 - 110	2	20

Lab Sample ID: LCSD 860-276288/64

Matrix: Water

Analysis Batch: 276288

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	10.11		mg/L		101	90 - 110	2	20

Lab Sample ID: LLCS 860-276288/66

Matrix: Water

Analysis Batch: 276288

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	0.5665		mg/L		113	50 - 150

QC Sample Results

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-275596/1-A
Matrix: Water
Analysis Batch: 276398

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 275596

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.00401	U	0.0100	0.00401	mg/L		11/13/25 11:00	11/16/25 17:27	1

Lab Sample ID: LCS 860-275596/2-A
Matrix: Water
Analysis Batch: 276398

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 275596

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.09630		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-275596/3-A
Matrix: Water
Analysis Batch: 276398

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 275596

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.100	0.1004		mg/L		100	80 - 120	4	20

QC Association Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

HPLC/IC

Analysis Batch: 276288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116193-2	SP-32	Total/NA	Water	300.0	
MB 860-276288/3	Method Blank	Total/NA	Water	300.0	
MB 860-276288/62	Method Blank	Total/NA	Water	300.0	
LCS 860-276288/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-276288/63	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-276288/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-276288/64	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-276288/66	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 275596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116193-1	SP-02	Total/NA	Water	3010A	
MB 860-275596/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-275596/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-275596/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 276398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-116193-1	SP-02	Total/NA	Water	6020A	275596
MB 860-275596/1-A	Method Blank	Total/NA	Water	6020A	275596
LCS 860-275596/2-A	Lab Control Sample	Total/NA	Water	6020A	275596
LCSD 860-275596/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	275596

Lab Chronicle

Client: GSI Environmental Inc

Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

Client Sample ID: SP-02

Date Collected: 11/11/25 11:05

Date Received: 11/11/25 16:26

Lab Sample ID: 860-116193-1

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	3010A			50 mL	50 mL	275596	11/13/25 11:00	MD	EET HOU
Total/NA	Analysis	6020A		20			276398	11/16/25 17:46	SHZ	EET HOU

Client Sample ID: SP-32

Date Collected: 11/11/25 11:50

Date Received: 11/11/25 16:26

Lab Sample ID: 860-116193-2

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	300.0		10			276288	11/17/25 17:30	RJD	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Job ID: 860-116193-1

Laboratory: Eurofins Houston

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: GSI Environmental Inc

Job ID: 860-116193-1

Project/Site: San Miguel Electrical Co-Op Nov 2025 Re-sample

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: GSI Environmental Inc
Project/Site: San Miguel Electrical Co-Op Nov 2025
Re-sample

Job ID: 860-116193-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-116193-1	SP-02	Water	11/11/25 11:05	11/11/25 16:26	Texas
860-116193-2	SP-32	Water	11/11/25 11:50	11/11/25 16:26	Texas

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

COC No:
Page: 1 of 1

0
0
0
3
3

Preservation

B	NaOH
C	Zn Acetate

NaHSO₄

G	Amchlor
H	Ascorbic A

DI Water

L EDA

Water

Special Instructions/Note:

860-16193 Chain of Custody

860-116193 Chain of Custody

Relinquished by

Received by:

Date/Time

Company

Login Sample Receipt Checklist

Client: GSI Environmental Inc

Job Number: 860-116193-1

Login Number: 116193

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.	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	

2025 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

San Miguel Electric Cooperative, Inc.
Christine, Atascosa County, Texas

Appendix B.3 Laboratory NELAP Accreditation

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 28, 2025

Mr. David Krause
Eurofins Houston
4147 Greenbriar Drive
Stafford, TX 77477

Subject: Texas NELAP accreditation withdrawal

Dear Mr. Krause:

Based on the correction request submitted on JaMay 13, 2024, I am enclosing an updated NELAP accreditation certificate and Fields of Accreditation listing. They replace the previous ones issued on July 01, 2024.

Please review the enclosures for accuracy and completeness. Your laboratory's accreditation is valid until the expiration date on the certificate and scope, contingent on continued compliance with the standards for accreditation and requirements of the state of Texas.

In the meantime, please contact me at frank.jamison@tceq.texas.gov if I can provide any additional information or assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Frank Jamison", with a long horizontal stroke extending to the right.

Frank Jamison
Data and Records Specialist

Enclosures



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 01/28/2025
Expiration Date: 06/30/2025
Certificate ID: TX-C25-00028

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/28/2025

Laboratory Fields of Accreditation

Matrix	Method	Method Code	Analyte	Analyte Code	AB
DW	EPA 200.7	10013806	Aluminum	1000	TX
DW	EPA 200.7	10013806	Antimony	1005	TX
DW	EPA 200.7	10013806	Arsenic	1010	TX
DW	EPA 200.7	10013806	Barium	1015	TX
DW	EPA 200.7	10013806	Beryllium	1020	TX
DW	EPA 200.7	10013806	Boron	1025	TX
DW	EPA 200.7	10013806	Cadmium	1030	TX
DW	EPA 200.7	10013806	Chromium	1040	TX
DW	EPA 200.7	10013806	Cobalt	1050	TX
DW	EPA 200.7	10013806	Copper	1055	TX
DW	EPA 200.7	10013806	Iron	1070	TX
DW	EPA 200.7	10013806	Lead	1075	TX
DW	EPA 200.7	10013806	Lithium	1080	TX
DW	EPA 200.7	10013806	Magnesium	1085	TX
DW	EPA 200.7	10013806	Manganese	1090	TX
DW	EPA 200.7	10013806	Molybdenum	1100	TX
DW	EPA 200.7	10013806	Nickel	1105	TX
DW	EPA 200.7	10013806	Potassium	1125	TX
DW	EPA 200.7	10013806	Selenium	1140	TX
DW	EPA 200.7	10013806	Silica as SiO ₂	1990	TX
DW	EPA 200.7	10013806	Silver	1150	TX
DW	EPA 200.7	10013806	Sodium	1155	TX
DW	EPA 200.7	10013806	Strontium	1160	TX
DW	EPA 200.7	10013806	Tin	1175	TX
DW	EPA 200.7	10013806	Titanium	1180	TX
DW	EPA 200.7	10013806	Vanadium	1185	TX
DW	EPA 200.7	10013806	Zinc	1190	TX
DW	EPA 200.8	10014605	Aluminum	1000	TX
DW	EPA 200.8	10014605	Antimony	1005	TX
DW	EPA 200.8	10014605	Arsenic	1010	TX
DW	EPA 200.8	10014605	Barium	1015	TX
DW	EPA 200.8	10014605	Beryllium	1020	TX
DW	EPA 200.8	10014605	Cadmium	1030	TX
DW	EPA 200.8	10014605	Chromium	1040	TX
DW	EPA 200.8	10014605	Copper	1055	TX
DW	EPA 200.8	10014605	Lead	1075	TX
DW	EPA 200.8	10014605	Manganese	1090	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

DW	EPA 200.8	10014605	Nickel	1105	TX
DW	EPA 200.8	10014605	Selenium	1140	TX
DW	EPA 200.8	10014605	Silver	1150	TX
DW	EPA 200.8	10014605	Thallium	1165	TX
DW	EPA 200.8	10014605	Uranium	3035	TX
DW	EPA 200.8	10014605	Zinc	1190	TX
DW	EPA 245.1	10036609	Mercury	1095	TX
DW	EPA 300.0	10053200	Bromide	1540	TX
DW	EPA 300.0	10053200	Chloride	1575	TX
DW	EPA 300.0	10053200	Fluoride	1730	TX
DW	EPA 300.0	10053200	Nitrate as N	1810	TX
DW	EPA 300.0	10053200	Nitrite as N	1840	TX
DW	EPA 300.0	10053200	Sulfate	2000	TX
DW	EPA 335.4	10061402	Cyanide	1635	TX
DW	EPA 353.2	10067604	Nitrate as N	1810	TX
DW	EPA 353.2	10067604	Nitrite as N	1840	TX
DW	Kelada-01	60005303	Cyanide	1635	TX
DW	SM 2510 B	20048435	Conductivity	1610	TX
DW	SM 2540 C	20050457	Residue-filterable (TDS)	1955	TX
NPW	EPA 1010	10234830	Ignitability	1780	TX
NPW	EPA 1311	10118806	Toxicity Characteristic Leaching Procedure (TCLP)	1466	TX
NPW	EPA 1312	10119003	Synthetic Precipitation Leaching Procedure (SPLP)	1460	TX
NPW	EPA 160.4	10010409	Residue-volatile	1970	TX
NPW	EPA 1664	10261617	Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	6142	TX
NPW	EPA 1664	10261617	n-Hexane Extractable Material (O&G)	1803	TX
NPW	EPA 180.1	10011800	Turbidity	2055	TX
NPW	EPA 200.7	10013806	Aluminum	1000	TX
NPW	EPA 200.7	10013806	Antimony	1005	TX
NPW	EPA 200.7	10013806	Arsenic	1010	TX
NPW	EPA 200.7	10013806	Barium	1015	TX
NPW	EPA 200.7	10013806	Beryllium	1020	TX
NPW	EPA 200.7	10013806	Boron	1025	TX
NPW	EPA 200.7	10013806	Cadmium	1030	TX
NPW	EPA 200.7	10013806	Calcium	1035	TX
NPW	EPA 200.7	10013806	Chromium	1040	TX
NPW	EPA 200.7	10013806	Cobalt	1050	TX
NPW	EPA 200.7	10013806	Copper	1055	TX
NPW	EPA 200.7	10013806	Iron	1070	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 200.7	10013806	Lead	1075	TX
NPW	EPA 200.7	10013806	Lithium	1080	TX
NPW	EPA 200.7	10013806	Magnesium	1085	TX
NPW	EPA 200.7	10013806	Manganese	1090	TX
NPW	EPA 200.7	10013806	Molybdenum	1100	TX
NPW	EPA 200.7	10013806	Nickel	1105	TX
NPW	EPA 200.7	10013806	Potassium	1125	TX
NPW	EPA 200.7	10013806	Selenium	1140	TX
NPW	EPA 200.7	10013806	Silica as SiO2	1990	TX
NPW	EPA 200.7	10013806	Silver	1150	TX
NPW	EPA 200.7	10013806	Sodium	1155	TX
NPW	EPA 200.7	10013806	Strontium	1160	TX
NPW	EPA 200.7	10013806	Thallium	1165	TX
NPW	EPA 200.7	10013806	Tin	1175	TX
NPW	EPA 200.7	10013806	Titanium	1180	TX
NPW	EPA 200.7	10013806	Vanadium	1185	TX
NPW	EPA 200.7	10013806	Zinc	1190	TX
NPW	EPA 200.8	10014605	Aluminum	1000	TX
NPW	EPA 200.8	10014605	Antimony	1005	TX
NPW	EPA 200.8	10014605	Arsenic	1010	TX
NPW	EPA 200.8	10014605	Barium	1015	TX
NPW	EPA 200.8	10014605	Beryllium	1020	TX
NPW	EPA 200.8	10014605	Boron	1025	TX
NPW	EPA 200.8	10014605	Cadmium	1030	TX
NPW	EPA 200.8	10014605	Chromium	1040	TX
NPW	EPA 200.8	10014605	Cobalt	1050	TX
NPW	EPA 200.8	10014605	Copper	1055	TX
NPW	EPA 200.8	10014605	Iron	1070	TX
NPW	EPA 200.8	10014605	Lead	1075	TX
NPW	EPA 200.8	10014605	Magnesium	1085	TX
NPW	EPA 200.8	10014605	Manganese	1090	TX
NPW	EPA 200.8	10014605	Molybdenum	1100	TX
NPW	EPA 200.8	10014605	Nickel	1105	TX
NPW	EPA 200.8	10014605	Potassium	1125	TX
NPW	EPA 200.8	10014605	Selenium	1140	TX
NPW	EPA 200.8	10014605	Silver	1150	TX
NPW	EPA 200.8	10014605	Sodium	1155	TX
NPW	EPA 200.8	10014605	Strontium	1160	TX
NPW	EPA 200.8	10014605	Thallium	1165	TX
NPW	EPA 200.8	10014605	Tin	1175	TX
NPW	EPA 200.8	10014605	Titanium	1180	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 200.8	10014605	Uranium	3035	TX
NPW	EPA 200.8	10014605	Vanadium	1185	TX
NPW	EPA 200.8	10014605	Zinc	1190	TX
NPW	EPA 245.1	10036609	Mercury	1095	TX
NPW	EPA 300.0	10053200	Bromide	1540	TX
NPW	EPA 300.0	10053200	Chloride	1575	TX
NPW	EPA 300.0	10053200	Fluoride	1730	TX
NPW	EPA 300.0	10053200	Nitrate as N	1810	TX
NPW	EPA 300.0	10053200	Nitrate plus Nitrite as N	1820	TX
NPW	EPA 300.0	10053200	Nitrite as N	1840	TX
NPW	EPA 300.0	10053200	Sulfate	2000	TX
NPW	EPA 335.4	10061402	Total Cyanide	1645	TX
NPW	EPA 350.1	10063602	Ammonia as N	1515	TX
NPW	EPA 351.2	10065404	Total Kjeldahl Nitrogen - (TKN)	1790	TX
NPW	EPA 353.2	10067604	Nitrate as N	1810	TX
NPW	EPA 353.2	10067604	Nitrate plus Nitrite as N	1820	TX
NPW	EPA 353.2	10067604	Nitrite as N	1840	TX
NPW	EPA 360.1	10069008	Oxygen, dissolved	1880	TX
NPW	EPA 365.1	10070005	Orthophosphate as P	1870	TX
NPW	EPA 365.1	10070005	Total Phosphorus	1910	TX
NPW	EPA 420.4	10080203	Total Phenolics	1905	TX
NPW	EPA 6010	10155916	Aluminum	1000	TX
NPW	EPA 6010	10155916	Antimony	1005	TX
NPW	EPA 6010	10155916	Arsenic	1010	TX
NPW	EPA 6010	10155916	Barium	1015	TX
NPW	EPA 6010	10155916	Beryllium	1020	TX
NPW	EPA 6010	10155916	Boron	1025	TX
NPW	EPA 6010	10155916	Cadmium	1030	TX
NPW	EPA 6010	10155916	Calcium	1035	TX
NPW	EPA 6010	10155916	Chromium	1040	TX
NPW	EPA 6010	10155916	Cobalt	1050	TX
NPW	EPA 6010	10155916	Copper	1055	TX
NPW	EPA 6010	10155916	Iron	1070	TX
NPW	EPA 6010	10155916	Lead	1075	TX
NPW	EPA 6010	10155916	Lithium	1080	TX
NPW	EPA 6010	10155916	Magnesium	1085	TX
NPW	EPA 6010	10155916	Manganese	1090	TX
NPW	EPA 6010	10155916	Molybdenum	1100	TX
NPW	EPA 6010	10155916	Nickel	1105	TX
NPW	EPA 6010	10155916	Potassium	1125	TX
NPW	EPA 6010	10155916	Selenium	1140	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 6010	10155916	Silica as SiO2	1990	TX
NPW	EPA 6010	10155916	Silver	1150	TX
NPW	EPA 6010	10155916	Sodium	1155	TX
NPW	EPA 6010	10155916	Strontium	1160	TX
NPW	EPA 6010	10155916	Thallium	1165	TX
NPW	EPA 6010	10155916	Tin	1175	TX
NPW	EPA 6010	10155916	Titanium	1180	TX
NPW	EPA 6010	10155916	Total Phosphorus	1910	TX
NPW	EPA 6010	10155916	Vanadium	1185	TX
NPW	EPA 6010	10155916	Zinc	1190	TX
NPW	EPA 6020	10156420	Aluminum	1000	TX
NPW	EPA 6020	10156420	Antimony	1005	TX
NPW	EPA 6020	10156420	Arsenic	1010	TX
NPW	EPA 6020	10156420	Barium	1015	TX
NPW	EPA 6020	10156420	Beryllium	1020	TX
NPW	EPA 6020	10156420	Boron	1025	TX
NPW	EPA 6020	10156420	Cadmium	1030	TX
NPW	EPA 6020	10156420	Chromium	1040	TX
NPW	EPA 6020	10156420	Cobalt	1050	TX
NPW	EPA 6020	10156420	Copper	1055	TX
NPW	EPA 6020	10156420	Iron	1070	TX
NPW	EPA 6020	10156420	Lead	1075	TX
NPW	EPA 6020	10156420	Magnesium	1085	TX
NPW	EPA 6020	10156420	Manganese	1090	TX
NPW	EPA 6020	10156420	Molybdenum	1100	TX
NPW	EPA 6020	10156420	Nickel	1105	TX
NPW	EPA 6020	10156420	Potassium	1125	TX
NPW	EPA 6020	10156420	Selenium	1140	TX
NPW	EPA 6020	10156420	Silver	1150	TX
NPW	EPA 6020	10156420	Sodium	1155	TX
NPW	EPA 6020	10156420	Strontium	1160	TX
NPW	EPA 6020	10156420	Thallium	1165	TX
NPW	EPA 6020	10156420	Tin	1175	TX
NPW	EPA 6020	10156420	Titanium	1180	TX
NPW	EPA 6020	10156420	Vanadium	1185	TX
NPW	EPA 6020	10156420	Zinc	1190	TX
NPW	EPA 608.3	10296614	4,4'-DDD	7355	TX
NPW	EPA 608.3	10296614	4,4'-DDE	7360	TX
NPW	EPA 608.3	10296614	4,4'-DDT	7365	TX
NPW	EPA 608.3	10296614	Aldrin	7025	TX
NPW	EPA 608.3	10296614	alpha-BHC (alpha-	7110	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

			Hexachlorocyclohexane)		
NPW	EPA 608.3	10296614	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 608.3	10296614	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 608.3	10296614	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 608.3	10296614	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 608.3	10296614	Aroclor-1248 (PCB-1248)	8900	TX
NPW	EPA 608.3	10296614	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 608.3	10296614	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 608.3	10296614	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 608.3	10296614	Chlordane (tech.)	7250	TX
NPW	EPA 608.3	10296614	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 608.3	10296614	delta-BHC	7105	TX
NPW	EPA 608.3	10296614	Dieldrin	7470	TX
NPW	EPA 608.3	10296614	Endosulfan I	7510	TX
NPW	EPA 608.3	10296614	Endosulfan II	7515	TX
NPW	EPA 608.3	10296614	Endosulfan sulfate	7520	TX
NPW	EPA 608.3	10296614	Endrin	7540	TX
NPW	EPA 608.3	10296614	Endrin aldehyde	7530	TX
NPW	EPA 608.3	10296614	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	TX
NPW	EPA 608.3	10296614	gamma-Chlordane	7245	TX
NPW	EPA 608.3	10296614	Heptachlor	7685	TX
NPW	EPA 608.3	10296614	Heptachlor epoxide	7690	TX
NPW	EPA 608.3	10296614	Methoxychlor	7810	TX
NPW	EPA 608.3	10296614	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 615	10105609	2,4,5-T	8655	TX
NPW	EPA 615	10105609	2,4-D	8545	TX
NPW	EPA 615	10105609	2,4-DB	8560	TX
NPW	EPA 615	10105609	Dalapon	8555	TX
NPW	EPA 615	10105609	Dicamba	8595	TX
NPW	EPA 615	10105609	Dichlorprop	8605	TX
NPW	EPA 615	10105609	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
NPW	EPA 615	10105609	MCPA	7775	TX
NPW	EPA 615	10105609	MCPP	7780	TX
NPW	EPA 615	10105609	Silvex (2,4,5-TP)	8650	TX
NPW	EPA 624.1	10298121	1,1,1-Trichloroethane	5160	TX
NPW	EPA 624.1	10298121	1,1,2,2-Tetrachloroethane	5110	TX
NPW	EPA 624.1	10298121	1,1,2-Trichloroethane	5165	TX
NPW	EPA 624.1	10298121	1,1-Dichloroethane	4630	TX
NPW	EPA 624.1	10298121	1,1-Dichloroethylene	4640	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 624.1	10298121	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	TX
NPW	EPA 624.1	10298121	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
NPW	EPA 624.1	10298121	1,2-Dichloroethane (Ethylene dichloride)	4635	TX
NPW	EPA 624.1	10298121	1,2-Dichloropropane	4655	TX
NPW	EPA 624.1	10298121	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 624.1	10298121	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 624.1	10298121	2-Butanone (Methyl ethyl ketone, MEK)	4410	TX
NPW	EPA 624.1	10298121	2-Chloroethyl vinyl ether	4500	TX
NPW	EPA 624.1	10298121	Acetone	4315	TX
NPW	EPA 624.1	10298121	Acrolein (Propenal)	4325	TX
NPW	EPA 624.1	10298121	Acrylonitrile	4340	TX
NPW	EPA 624.1	10298121	Benzene	4375	TX
NPW	EPA 624.1	10298121	Bromodichloromethane	4395	TX
NPW	EPA 624.1	10298121	Bromoform	4400	TX
NPW	EPA 624.1	10298121	Carbon tetrachloride	4455	TX
NPW	EPA 624.1	10298121	Chlorobenzene	4475	TX
NPW	EPA 624.1	10298121	Chlorodibromomethane	4575	TX
NPW	EPA 624.1	10298121	Chloroethane (Ethyl chloride)	4485	TX
NPW	EPA 624.1	10298121	Chloroform	4505	TX
NPW	EPA 624.1	10298121	cis-1,2-Dichloroethylene	4645	TX
NPW	EPA 624.1	10298121	cis-1,3-Dichloropropene	4680	TX
NPW	EPA 624.1	10298121	Ethylbenzene	4765	TX
NPW	EPA 624.1	10298121	m+p-xylene	5240	TX
NPW	EPA 624.1	10298121	Methyl bromide (Bromomethane)	4950	TX
NPW	EPA 624.1	10298121	Methyl chloride (Chloromethane)	4960	TX
NPW	EPA 624.1	10298121	Methyl tert-butyl ether (MTBE)	5000	TX
NPW	EPA 624.1	10298121	Methylene chloride (Dichloromethane)	4975	TX
NPW	EPA 624.1	10298121	o-Xylene	5250	TX
NPW	EPA 624.1	10298121	Tetrachloroethylene (Perchloroethylene)	5115	TX
NPW	EPA 624.1	10298121	Toluene	5140	TX
NPW	EPA 624.1	10298121	Total Xylene	5260	TX
NPW	EPA 624.1	10298121	trans-1,2-Dichloroethylene	4700	TX
NPW	EPA 624.1	10298121	trans-1,3-Dichloropropylene	4685	TX
NPW	EPA 624.1	10298121	Trichloroethene (Trichloroethylene)	5170	TX
NPW	EPA 624.1	10298121	Trichlorofluoromethane	5175	TX

			(Fluorotrichloromethane, Freon 11)		
NPW	EPA 624.1	10298121	Vinyl chloride (Chloroethene)	5235	TX
NPW	EPA 625.1	10300024	1,2,4,5-Tetrachlorobenzene	6715	TX
NPW	EPA 625.1	10300024	1,2,4-Trichlorobenzene	5155	TX
NPW	EPA 625.1	10300024	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
NPW	EPA 625.1	10300024	1,2-Diphenylhydrazine	6221	TX
NPW	EPA 625.1	10300024	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 625.1	10300024	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 625.1	10300024	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	TX
NPW	EPA 625.1	10300024	2,3,4,6-Tetrachlorophenol	6735	TX
NPW	EPA 625.1	10300024	2,4,5-Trichlorophenol	6835	TX
NPW	EPA 625.1	10300024	2,4,6-Trichlorophenol	6840	TX
NPW	EPA 625.1	10300024	2,4-Dichlorophenol	6000	TX
NPW	EPA 625.1	10300024	2,4-Dimethylphenol	6130	TX
NPW	EPA 625.1	10300024	2,4-Dinitrophenol	6175	TX
NPW	EPA 625.1	10300024	2,4-Dinitrotoluene (2,4-DNT)	6185	TX
NPW	EPA 625.1	10300024	2,6-Dinitrotoluene (2,6-DNT)	6190	TX
NPW	EPA 625.1	10300024	2-Chloronaphthalene	5795	TX
NPW	EPA 625.1	10300024	2-Chlorophenol	5800	TX
NPW	EPA 625.1	10300024	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	TX
NPW	EPA 625.1	10300024	2-Methylphenol (o-Cresol)	6400	TX
NPW	EPA 625.1	10300024	2-Nitrophenol	6490	TX
NPW	EPA 625.1	10300024	3,3'-Dichlorobenzidine	5945	TX
NPW	EPA 625.1	10300024	4,4'-DDD	7355	TX
NPW	EPA 625.1	10300024	4,4'-DDE	7360	TX
NPW	EPA 625.1	10300024	4,4'-DDT	7365	TX
NPW	EPA 625.1	10300024	4-Bromophenyl phenyl ether (BDE-3)	5660	TX
NPW	EPA 625.1	10300024	4-Chloro-3-methylphenol	5700	TX
NPW	EPA 625.1	10300024	4-Chlorophenyl phenylether	5825	TX
NPW	EPA 625.1	10300024	4-Methylphenol (p-Cresol)	6410	TX
NPW	EPA 625.1	10300024	4-Nitrophenol	6500	TX
NPW	EPA 625.1	10300024	Acenaphthene	5500	TX
NPW	EPA 625.1	10300024	Acenaphthylene	5505	TX
NPW	EPA 625.1	10300024	Aldrin	7025	TX
NPW	EPA 625.1	10300024	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
NPW	EPA 625.1	10300024	Anthracene	5555	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 625.1	10300024	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 625.1	10300024	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 625.1	10300024	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 625.1	10300024	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 625.1	10300024	Aroclor-1248 (PCB-1248)	8900	TX
NPW	EPA 625.1	10300024	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 625.1	10300024	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 625.1	10300024	Benzidine	5595	TX
NPW	EPA 625.1	10300024	Benzo(a)anthracene	5575	TX
NPW	EPA 625.1	10300024	Benzo(a)pyrene	5580	TX
NPW	EPA 625.1	10300024	Benzo(g,h,i)perylene	5590	TX
NPW	EPA 625.1	10300024	Benzo(k)fluoranthene	5600	TX
NPW	EPA 625.1	10300024	Benzo[b]fluoranthene	5585	TX
NPW	EPA 625.1	10300024	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 625.1	10300024	bis(2-Chloroethoxy)methane	5760	TX
NPW	EPA 625.1	10300024	bis(2-Chloroethyl) ether	5765	TX
NPW	EPA 625.1	10300024	Butyl benzyl phthalate	5670	TX
NPW	EPA 625.1	10300024	Chrysene	5855	TX
NPW	EPA 625.1	10300024	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 625.1	10300024	delta-BHC	7105	TX
NPW	EPA 625.1	10300024	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	TX
NPW	EPA 625.1	10300024	Di-n-butyl phthalate	5925	TX
NPW	EPA 625.1	10300024	Di-n-octyl phthalate	6200	TX
NPW	EPA 625.1	10300024	Dibenz(a,h) anthracene	5895	TX
NPW	EPA 625.1	10300024	Dieldrin	7470	TX
NPW	EPA 625.1	10300024	Diethyl phthalate	6070	TX
NPW	EPA 625.1	10300024	Dimethyl phthalate	6135	TX
NPW	EPA 625.1	10300024	Endosulfan I	7510	TX
NPW	EPA 625.1	10300024	Endosulfan II	7515	TX
NPW	EPA 625.1	10300024	Endosulfan sulfate	7520	TX
NPW	EPA 625.1	10300024	Endrin	7540	TX
NPW	EPA 625.1	10300024	Endrin aldehyde	7530	TX
NPW	EPA 625.1	10300024	Fluoranthene	6265	TX
NPW	EPA 625.1	10300024	Fluorene	6270	TX
NPW	EPA 625.1	10300024	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	TX
NPW	EPA 625.1	10300024	gamma-Chlordane	7245	TX
NPW	EPA 625.1	10300024	Heptachlor	7685	TX
NPW	EPA 625.1	10300024	Heptachlor epoxide	7690	TX
NPW	EPA 625.1	10300024	Hexachlorobenzene	6275	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 625.1	10300024	Hexachlorobutadiene	4835	TX
NPW	EPA 625.1	10300024	Hexachlorocyclopentadiene	6285	TX
NPW	EPA 625.1	10300024	Hexachloroethane	4840	TX
NPW	EPA 625.1	10300024	Indeno(1,2,3-cd) pyrene	6315	TX
NPW	EPA 625.1	10300024	Isophorone	6320	TX
NPW	EPA 625.1	10300024	n-Nitroso-di-n-butylamine	5025	TX
NPW	EPA 625.1	10300024	n-Nitrosodi-n-propylamine	6545	TX
NPW	EPA 625.1	10300024	n-Nitrosodiethylamine	6525	TX
NPW	EPA 625.1	10300024	n-Nitrosodimethylamine	6530	TX
NPW	EPA 625.1	10300024	n-Nitrosodiphenylamine	6535	TX
NPW	EPA 625.1	10300024	Naphthalene	5005	TX
NPW	EPA 625.1	10300024	Nitrobenzene	5015	TX
NPW	EPA 625.1	10300024	Pentachlorobenzene	6590	TX
NPW	EPA 625.1	10300024	Pentachlorophenol	6605	TX
NPW	EPA 625.1	10300024	Phenanthrene	6615	TX
NPW	EPA 625.1	10300024	Phenol	6625	TX
NPW	EPA 625.1	10300024	Pyrene	6665	TX
NPW	EPA 625.1	10300024	Pyridine	5095	TX
NPW	EPA 625.1	10300024	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 632	10108608	Carbaryl (Sevin)	7195	TX
NPW	EPA 7196	10162400	Chromium (VI)	1045	TX
NPW	EPA 7470	10165807	Mercury	1095	TX
NPW	EPA 8015	10305609	Allyl alcohol	4350	TX
NPW	EPA 8015	10305609	Diesel Range Organics (DRO)	9369	TX
NPW	EPA 8015	10305609	Ethanol	4750	TX
NPW	EPA 8015	10305609	Ethylene glycol	4785	TX
NPW	EPA 8015	10305609	Gasoline Range Organics (GRO)	9408	TX
NPW	EPA 8015	10305609	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX
NPW	EPA 8015	10305609	Isopropyl alcohol (2-Propanol, Isopropanol)	4895	TX
NPW	EPA 8015	10305609	Methanol	4930	TX
NPW	EPA 8015	10305609	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
NPW	EPA 8015	10305609	n-Propanol (1-Propanol)	5055	TX
NPW	EPA 8015	10305609	Propylene Glycol	6657	TX
NPW	EPA 8081	10178811	4,4'-DDD	7355	TX
NPW	EPA 8081	10178811	4,4'-DDE	7360	TX
NPW	EPA 8081	10178811	4,4'-DDT	7365	TX
NPW	EPA 8081	10178811	Alachlor	7005	TX
NPW	EPA 8081	10178811	Aldrin	7025	TX
NPW	EPA 8081	10178811	alpha-BHC (alpha-	7110	TX

			Hexachlorocyclohexane)		
NPW	EPA 8081	10178811	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 8081	10178811	Chlordane (tech.)	7250	TX
NPW	EPA 8081	10178811	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 8081	10178811	delta-BHC	7105	TX
NPW	EPA 8081	10178811	Dicofol	7460	TX
NPW	EPA 8081	10178811	Dieldrin	7470	TX
NPW	EPA 8081	10178811	Endosulfan I	7510	TX
NPW	EPA 8081	10178811	Endosulfan II	7515	TX
NPW	EPA 8081	10178811	Endosulfan sulfate	7520	TX
NPW	EPA 8081	10178811	Endrin	7540	TX
NPW	EPA 8081	10178811	Endrin aldehyde	7530	TX
NPW	EPA 8081	10178811	Endrin ketone	7535	TX
NPW	EPA 8081	10178811	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
NPW	EPA 8081	10178811	gamma-Chlordane	7245	TX
NPW	EPA 8081	10178811	Heptachlor	7685	TX
NPW	EPA 8081	10178811	Heptachlor epoxide	7690	TX
NPW	EPA 8081	10178811	Methoxychlor	7810	TX
NPW	EPA 8081	10178811	Mirex	7870	TX
NPW	EPA 8081	10178811	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 8082	10179358	2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)	9154	TX
NPW	EPA 8082	10179358	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	9080	TX
NPW	EPA 8082	10179358	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9025	TX
NPW	EPA 8082	10179358	2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	8945	TX
NPW	EPA 8082	10179358	2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)	9035	TX
NPW	EPA 8082	10179358	2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	8980	TX
NPW	EPA 8082	10179358	2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	8955	TX
NPW	EPA 8082	10179358	2,2',5-Trichlorobiphenyl (BZ-18)	8930	TX
NPW	EPA 8082	10179358	2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	8960	TX
NPW	EPA 8082	10179358	2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	8990	TX
NPW	EPA 8082	10179358	2,3,3',4,5,5'-Hexachlorobiphenyl (BZ-159)	9196	TX
NPW	EPA 8082	10179358	2,3-Dichlorobiphenyl (BZ-5)	8920	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 8082	10179358	2,4',5-Trichlorobiphenyl (BZ-31)	8940	TX
NPW	EPA 8082	10179358	2-Chlorobiphenyl (BZ-1)	8915	TX
NPW	EPA 8082	10179358	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 8082	10179358	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 8082	10179358	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 8082	10179358	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 8082	10179358	Aroclor-1248 (PCB-1248)	8900	TX
NPW	EPA 8082	10179358	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 8082	10179358	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 8082	10179358	Total PCBs	8870	TX
NPW	EPA 8260	10307127	1,1,1,2-Tetrachloroethane	5105	TX
NPW	EPA 8260	10307127	1,1,1-Trichloroethane	5160	TX
NPW	EPA 8260	10307127	1,1,2,2-Tetrachloroethane	5110	TX
NPW	EPA 8260	10307127	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	TX
NPW	EPA 8260	10307127	1,1,2-Trichloroethane	5165	TX
NPW	EPA 8260	10307127	1,1-Dichloroethane	4630	TX
NPW	EPA 8260	10307127	1,1-Dichloroethylene	4640	TX
NPW	EPA 8260	10307127	1,1-Dichloropropene	4670	TX
NPW	EPA 8260	10307127	1,2,3-Trichlorobenzene	5150	TX
NPW	EPA 8260	10307127	1,2,3-Trichloropropane	5180	TX
NPW	EPA 8260	10307127	1,2,4-Trichlorobenzene	5155	TX
NPW	EPA 8260	10307127	1,2,4-Trimethylbenzene	5210	TX
NPW	EPA 8260	10307127	1,2-Dibromo-3-chloropropane (DBCP)	4570	TX
NPW	EPA 8260	10307127	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	TX
NPW	EPA 8260	10307127	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
NPW	EPA 8260	10307127	1,2-Dichloroethane (Ethylene dichloride)	4635	TX
NPW	EPA 8260	10307127	1,2-Dichloropropane	4655	TX
NPW	EPA 8260	10307127	1,3,5-Trimethylbenzene	5215	TX
NPW	EPA 8260	10307127	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 8260	10307127	1,3-Dichloropropane	4660	TX
NPW	EPA 8260	10307127	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 8260	10307127	1,4-Dioxane (1,4- Diethyleneoxide)	4735	TX
NPW	EPA 8260	10307127	1-Chlorohexane	4510	TX
NPW	EPA 8260	10307127	2,2-Dichloropropane	4665	TX
NPW	EPA 8260	10307127	2-Butanone (Methyl ethyl ketone, MEK)	4410	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 8260	10307127	2-Chloroethyl vinyl ether	4500	TX
NPW	EPA 8260	10307127	2-Chlorotoluene	4535	TX
NPW	EPA 8260	10307127	2-Hexanone	4860	TX
NPW	EPA 8260	10307127	2-Nitropropane	5020	TX
NPW	EPA 8260	10307127	4-Chlorotoluene	4540	TX
NPW	EPA 8260	10307127	4-Isopropyltoluene (p-Cymene)	4910	TX
NPW	EPA 8260	10307127	4-Methyl-2-pentanone (MIBK)	4995	TX
NPW	EPA 8260	10307127	Acetone	4315	TX
NPW	EPA 8260	10307127	Acetonitrile	4320	TX
NPW	EPA 8260	10307127	Acrolein (Propenal)	4325	TX
NPW	EPA 8260	10307127	Acrylonitrile	4340	TX
NPW	EPA 8260	10307127	Allyl chloride (3-Chloropropene)	4355	TX
NPW	EPA 8260	10307127	Benzene	4375	TX
NPW	EPA 8260	10307127	Benzyl chloride	5635	TX
NPW	EPA 8260	10307127	Bromobenzene	4385	TX
NPW	EPA 8260	10307127	Bromochloromethane	4390	TX
NPW	EPA 8260	10307127	Bromodichloromethane	4395	TX
NPW	EPA 8260	10307127	Bromoform	4400	TX
NPW	EPA 8260	10307127	Carbon disulfide	4450	TX
NPW	EPA 8260	10307127	Carbon tetrachloride	4455	TX
NPW	EPA 8260	10307127	Chlorobenzene	4475	TX
NPW	EPA 8260	10307127	Chlorodibromomethane	4575	TX
NPW	EPA 8260	10307127	Chloroethane (Ethyl chloride)	4485	TX
NPW	EPA 8260	10307127	Chloroform	4505	TX
NPW	EPA 8260	10307127	Chloroprene (2-Chloro-1,3-butadiene)	4525	TX
NPW	EPA 8260	10307127	cis-1,2-Dichloroethylene	4645	TX
NPW	EPA 8260	10307127	cis-1,3-Dichloropropene	4680	TX
NPW	EPA 8260	10307127	cis-1,4-Dichloro-2-butene	4600	TX
NPW	EPA 8260	10307127	Di-isopropylether (DIPE)	9375	TX
NPW	EPA 8260	10307127	Dibromofluoromethane	4590	TX
NPW	EPA 8260	10307127	Dibromomethane (Methylene bromide)	4595	TX
NPW	EPA 8260	10307127	Dichlorodifluoromethane (Freon-12)	4625	TX
NPW	EPA 8260	10307127	Diethyl ether	4725	TX
NPW	EPA 8260	10307127	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	4745	TX
NPW	EPA 8260	10307127	Ethyl acetate	4755	TX
NPW	EPA 8260	10307127	Ethyl methacrylate	4810	TX
NPW	EPA 8260	10307127	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	4770	TX
NPW	EPA 8260	10307127	Ethylbenzene	4765	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 8260	10307127	Ethylene oxide	4795	TX
NPW	EPA 8260	10307127	Hexachlorobutadiene	4835	TX
NPW	EPA 8260	10307127	Iodomethane (Methyl iodide)	4870	TX
NPW	EPA 8260	10307127	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX
NPW	EPA 8260	10307127	Isopropyl alcohol (2-Propanol, Isopropanol)	4895	TX
NPW	EPA 8260	10307127	Isopropylbenzene	4900	TX
NPW	EPA 8260	10307127	m+p-xylene	5240	TX
NPW	EPA 8260	10307127	Methacrylonitrile	4925	TX
NPW	EPA 8260	10307127	Methyl acetate	4940	TX
NPW	EPA 8260	10307127	Methyl bromide (Bromomethane)	4950	TX
NPW	EPA 8260	10307127	Methyl chloride (Chloromethane)	4960	TX
NPW	EPA 8260	10307127	Methyl methacrylate	4990	TX
NPW	EPA 8260	10307127	Methyl tert-butyl ether (MTBE)	5000	TX
NPW	EPA 8260	10307127	Methylcyclohexane	4965	TX
NPW	EPA 8260	10307127	Methylene chloride (Dichloromethane)	4975	TX
NPW	EPA 8260	10307127	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
NPW	EPA 8260	10307127	n-Butylbenzene	4435	TX
NPW	EPA 8260	10307127	n-Propylbenzene	5090	TX
NPW	EPA 8260	10307127	Naphthalene	5005	TX
NPW	EPA 8260	10307127	o-Xylene	5250	TX
NPW	EPA 8260	10307127	Propionitrile (Ethyl cyanide)	5080	TX
NPW	EPA 8260	10307127	sec-Butylbenzene	4440	TX
NPW	EPA 8260	10307127	Styrene	5100	TX
NPW	EPA 8260	10307127	tert-amyl methyl ether (TAME)	4370	TX
NPW	EPA 8260	10307127	tert-Butyl alcohol (2-Methyl-2-Propanol)	4420	TX
NPW	EPA 8260	10307127	tert-Butylbenzene	4445	TX
NPW	EPA 8260	10307127	Tetrachloroethylene (Perchloroethylene)	5115	TX
NPW	EPA 8260	10307127	Toluene	5140	TX
NPW	EPA 8260	10307127	Total Trihalomethanes (TTHMs)	5205	TX
NPW	EPA 8260	10307127	Total Xylene	5260	TX
NPW	EPA 8260	10307127	trans-1,2-Dichloroethylene	4700	TX
NPW	EPA 8260	10307127	trans-1,3-Dichloropropylene	4685	TX
NPW	EPA 8260	10307127	trans-1,4-Dichloro-2-butene	4605	TX
NPW	EPA 8260	10307127	Trichloroethene (Trichloroethylene)	5170	TX
NPW	EPA 8260	10307127	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175	TX
NPW	EPA 8260	10307127	Vinyl acetate	5225	TX

NPW	EPA 8260	10307127	Vinyl chloride (Chloroethene)	5235	TX
NPW	EPA 8270	10242543	1,2,4,5-Tetrachlorobenzene	6715	TX
NPW	EPA 8270	10242543	1,2,4-Trichlorobenzene	5155	TX
NPW	EPA 8270	10242543	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
NPW	EPA 8270	10242543	1,2-Diphenylhydrazine	6220	TX
NPW	EPA 8270	10242543	1,3,5-Trinitrobenzene (1,3,5-TNB)	6885	TX
NPW	EPA 8270	10242543	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 8270	10242543	1,3-Dinitrobenzene (1,3-DNB)	6160	TX
NPW	EPA 8270	10242543	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 8270	10242543	1,4-Naphthoquinone	6420	TX
NPW	EPA 8270	10242543	1,4-Phenylenediamine	6630	TX
NPW	EPA 8270	10242543	1-Chloronaphthalene	5790	TX
NPW	EPA 8270	10242543	1-Naphthylamine	6425	TX
NPW	EPA 8270	10242543	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	TX
NPW	EPA 8270	10242543	2,3,4,6-Tetrachlorophenol	6735	TX
NPW	EPA 8270	10242543	2,4,5-Trichlorophenol	6835	TX
NPW	EPA 8270	10242543	2,4,6-Trichlorophenol	6840	TX
NPW	EPA 8270	10242543	2,4-Dichlorophenol	6000	TX
NPW	EPA 8270	10242543	2,4-Dimethylphenol	6130	TX
NPW	EPA 8270	10242543	2,4-Dinitrophenol	6175	TX
NPW	EPA 8270	10242543	2,4-Dinitrotoluene (2,4-DNT)	6185	TX
NPW	EPA 8270	10242543	2,6-Dichlorophenol	6005	TX
NPW	EPA 8270	10242543	2,6-Dinitrotoluene (2,6-DNT)	6190	TX
NPW	EPA 8270	10242543	2-Acetylaminofluorene	5515	TX
NPW	EPA 8270	10242543	2-Chloronaphthalene	5795	TX
NPW	EPA 8270	10242543	2-Chlorophenol	5800	TX
NPW	EPA 8270	10242543	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	TX
NPW	EPA 8270	10242543	2-Methylaniline (o-Toluidine)	5145	TX
NPW	EPA 8270	10242543	2-Methylnaphthalene	6385	TX
NPW	EPA 8270	10242543	2-Methylphenol (o-Cresol)	6400	TX
NPW	EPA 8270	10242543	2-Naphthylamine	6430	TX
NPW	EPA 8270	10242543	2-Nitroaniline	6460	TX
NPW	EPA 8270	10242543	2-Nitrophenol	6490	TX
NPW	EPA 8270	10242543	2-Picoline (2-Methylpyridine)	5050	TX
NPW	EPA 8270	10242543	3,3'-Dichlorobenzidine	5945	TX
NPW	EPA 8270	10242543	3,3'-Dimethylbenzidine	6120	TX
NPW	EPA 8270	10242543	3-Methylcholanthrene	6355	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 8270	10242543	3-Methylphenol (m-Cresol)	6405	TX
NPW	EPA 8270	10242543	3-Nitroaniline	6465	TX
NPW	EPA 8270	10242543	4,4'-DDD	7355	TX
NPW	EPA 8270	10242543	4,4'-DDE	7360	TX
NPW	EPA 8270	10242543	4,4'-DDT	7365	TX
NPW	EPA 8270	10242543	4-Aminobiphenyl	5540	TX
NPW	EPA 8270	10242543	4-Bromophenyl phenyl ether (BDE-3)	5660	TX
NPW	EPA 8270	10242543	4-Chloro-3-methylphenol	5700	TX
NPW	EPA 8270	10242543	4-Chloroaniline	5745	TX
NPW	EPA 8270	10242543	4-Chlorophenyl phenylether	5825	TX
NPW	EPA 8270	10242543	4-Dimethyl aminoazobenzene	6105	TX
NPW	EPA 8270	10242543	4-Methylphenol (p-Cresol)	6410	TX
NPW	EPA 8270	10242543	4-Nitroaniline	6470	TX
NPW	EPA 8270	10242543	4-Nitrophenol	6500	TX
NPW	EPA 8270	10242543	5-Nitro-o-toluidine	6570	TX
NPW	EPA 8270	10242543	7,12-Dimethylbenz(a)anthracene	6115	TX
NPW	EPA 8270	10242543	Acenaphthene	5500	TX
NPW	EPA 8270	10242543	Acenaphthylene	5505	TX
NPW	EPA 8270	10242543	Acetophenone	5510	TX
NPW	EPA 8270	10242543	Aldrin	7025	TX
NPW	EPA 8270	10242543	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
NPW	EPA 8270	10242543	Aniline	5545	TX
NPW	EPA 8270	10242543	Anthracene	5555	TX
NPW	EPA 8270	10242543	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 8270	10242543	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 8270	10242543	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 8270	10242543	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 8270	10242543	Aroclor-1248 (PCB-1248)	8900	TX
NPW	EPA 8270	10242543	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 8270	10242543	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 8270	10242543	Atrazine	7065	TX
NPW	EPA 8270	10242543	Azinphos-methyl (Guthion)	7075	TX
NPW	EPA 8270	10242543	Azobenzene (Diphenyldiazene)	5562	TX
NPW	EPA 8270	10242543	Benzidine	5595	TX
NPW	EPA 8270	10242543	Benzo(a)anthracene	5575	TX
NPW	EPA 8270	10242543	Benzo(a)pyrene	5580	TX
NPW	EPA 8270	10242543	Benzo(g,h,i)perylene	5590	TX
NPW	EPA 8270	10242543	Benzo(k)fluoranthene	5600	TX
NPW	EPA 8270	10242543	Benzoic acid	5610	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 8270	10242543	Benzo[b]fluoranthene	5585	TX
NPW	EPA 8270	10242543	Benzyl alcohol	5630	TX
NPW	EPA 8270	10242543	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 8270	10242543	Biphenyl	5640	TX
NPW	EPA 8270	10242543	bis(2-Chloroethoxy)methane	5760	TX
NPW	EPA 8270	10242543	bis(2-Chloroethyl) ether	5765	TX
NPW	EPA 8270	10242543	Butyl benzyl phthalate	5670	TX
NPW	EPA 8270	10242543	Caprolactam	7180	TX
NPW	EPA 8270	10242543	Carbaryl (Sevin)	7195	TX
NPW	EPA 8270	10242543	Carbazole	5680	TX
NPW	EPA 8270	10242543	Chlordane (tech.)	7250	TX
NPW	EPA 8270	10242543	Chlorfenvinphos	7255	TX
NPW	EPA 8270	10242543	Chlorobenzilate	7260	TX
NPW	EPA 8270	10242543	Chrysene	5855	TX
NPW	EPA 8270	10242543	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 8270	10242543	Coumaphos	7315	TX
NPW	EPA 8270	10242543	delta-BHC	7105	TX
NPW	EPA 8270	10242543	Demeton	7390	TX
NPW	EPA 8270	10242543	Demeton-o	7395	TX
NPW	EPA 8270	10242543	Demeton-s	7385	TX
NPW	EPA 8270	10242543	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	TX
NPW	EPA 8270	10242543	Di-n-butyl phthalate	5925	TX
NPW	EPA 8270	10242543	Di-n-octyl phthalate	6200	TX
NPW	EPA 8270	10242543	Diallate	7405	TX
NPW	EPA 8270	10242543	Dibenz(a,h) anthracene	5895	TX
NPW	EPA 8270	10242543	Dibenzo(a,e) pyrene	5890	TX
NPW	EPA 8270	10242543	Dibenzofuran	5905	TX
NPW	EPA 8270	10242543	Dichlorvos (DDVP)	8610	TX
NPW	EPA 8270	10242543	Dieldrin	7470	TX
NPW	EPA 8270	10242543	Diethyl phthalate	6070	TX
NPW	EPA 8270	10242543	Dimethoate	7475	TX
NPW	EPA 8270	10242543	Dimethyl phthalate	6135	TX
NPW	EPA 8270	10242543	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
NPW	EPA 8270	10242543	Diphenylamine	6205	TX
NPW	EPA 8270	10242543	Disulfoton	8625	TX
NPW	EPA 8270	10242543	Endosulfan I	7510	TX
NPW	EPA 8270	10242543	Endosulfan II	7515	TX
NPW	EPA 8270	10242543	Endosulfan sulfate	7520	TX
NPW	EPA 8270	10242543	Endrin	7540	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 8270	10242543	Endrin aldehyde	7530	TX
NPW	EPA 8270	10242543	Endrin ketone	7535	TX
NPW	EPA 8270	10242543	EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	7550	TX
NPW	EPA 8270	10242543	Ethyl methanesulfonate	6260	TX
NPW	EPA 8270	10242543	Famphur	7580	TX
NPW	EPA 8270	10242543	Fensulfothion	7600	TX
NPW	EPA 8270	10242543	Fenthion	7605	TX
NPW	EPA 8270	10242543	Fluoranthene	6265	TX
NPW	EPA 8270	10242543	Fluorene	6270	TX
NPW	EPA 8270	10242543	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
NPW	EPA 8270	10242543	gamma-Chlordane	7245	TX
NPW	EPA 8270	10242543	Heptachlor	7685	TX
NPW	EPA 8270	10242543	Heptachlor epoxide	7690	TX
NPW	EPA 8270	10242543	Hexachlorobenzene	6275	TX
NPW	EPA 8270	10242543	Hexachlorobutadiene	4835	TX
NPW	EPA 8270	10242543	Hexachlorocyclopentadiene	6285	TX
NPW	EPA 8270	10242543	Hexachloroethane	4840	TX
NPW	EPA 8270	10242543	Hexachlorophene	6290	TX
NPW	EPA 8270	10242543	Hexachloropropene	6295	TX
NPW	EPA 8270	10242543	Indeno(1,2,3-cd) pyrene	6315	TX
NPW	EPA 8270	10242543	Isodrin	7725	TX
NPW	EPA 8270	10242543	Isophorone	6320	TX
NPW	EPA 8270	10242543	Isosafrole	6325	TX
NPW	EPA 8270	10242543	Kepone	7740	TX
NPW	EPA 8270	10242543	Malathion	7770	TX
NPW	EPA 8270	10242543	Methapyrilene	6345	TX
NPW	EPA 8270	10242543	Methoxychlor	7810	TX
NPW	EPA 8270	10242543	Methyl methanesulfonate	6375	TX
NPW	EPA 8270	10242543	Methyl parathion (Parathion, methyl)	7825	TX
NPW	EPA 8270	10242543	Mevinphos	7850	TX
NPW	EPA 8270	10242543	Monocrotophos	7880	TX
NPW	EPA 8270	10242543	n-Nitroso-di-n-butylamine	5025	TX
NPW	EPA 8270	10242543	n-Nitrosodi-n-propylamine	6545	TX
NPW	EPA 8270	10242543	n-Nitrosodiethylamine	6525	TX
NPW	EPA 8270	10242543	n-Nitrosodimethylamine	6530	TX
NPW	EPA 8270	10242543	n-Nitrosodiphenylamine	6535	TX
NPW	EPA 8270	10242543	n-Nitrosomethylethylamine	6550	TX
NPW	EPA 8270	10242543	n-Nitrosomorpholine	6555	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 8270	10242543	n-Nitrosopiperidine	6560	TX
NPW	EPA 8270	10242543	n-Nitrosopyrrolidine	6565	TX
NPW	EPA 8270	10242543	Naled	7905	TX
NPW	EPA 8270	10242543	Naphthalene	5005	TX
NPW	EPA 8270	10242543	Nitrobenzene	5015	TX
NPW	EPA 8270	10242543	o,o,o-Triethyl phosphorothioate	8290	TX
NPW	EPA 8270	10242543	Parathion, ethyl	7955	TX
NPW	EPA 8270	10242543	Pentachlorobenzene	6590	TX
NPW	EPA 8270	10242543	Pentachloronitrobenzene	6600	TX
NPW	EPA 8270	10242543	Pentachlorophenol	6605	TX
NPW	EPA 8270	10242543	Phenacetin	6610	TX
NPW	EPA 8270	10242543	Phenanthrene	6615	TX
NPW	EPA 8270	10242543	Phenol	6625	TX
NPW	EPA 8270	10242543	Phorate	7985	TX
NPW	EPA 8270	10242543	Phthalic anhydride	6640	TX
NPW	EPA 8270	10242543	Pronamide (Kerb)	6650	TX
NPW	EPA 8270	10242543	Pyrene	6665	TX
NPW	EPA 8270	10242543	Pyridine	5095	TX
NPW	EPA 8270	10242543	Quinoline	6670	TX
NPW	EPA 8270	10242543	Resorcinol	6680	TX
NPW	EPA 8270	10242543	Safrole	6685	TX
NPW	EPA 8270	10242543	Strychnine	6695	TX
NPW	EPA 8270	10242543	Sulfotep (Tetraethyl dithiopyrophosphate)	8155	TX
NPW	EPA 8270	10242543	Tetrachlorvinphos (Stirophos, Gardona) E-isomer	8197	TX
NPW	EPA 8270	10242543	Thionazin (Zinophos)	8235	TX
NPW	EPA 8270	10242543	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 8321	10189205	2,4,5-T	8655	TX
NPW	EPA 8321	10189205	2,4-D	8545	TX
NPW	EPA 8321	10189205	2,4-DB	8560	TX
NPW	EPA 8321	10189205	Dalapon	8555	TX
NPW	EPA 8321	10189205	Dicamba	8595	TX
NPW	EPA 8321	10189205	Dichlorprop	8605	TX
NPW	EPA 8321	10189205	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
NPW	EPA 8321	10189205	MCPA	7775	TX
NPW	EPA 8321	10189205	MCPP	7780	TX
NPW	EPA 8321	10189205	Silvex (2,4,5-TP)	8650	TX
NPW	EPA 9012	10243206	Amenable Cyanide	1510	TX
NPW	EPA 9012	10243206	Total Cyanide	1645	TX
NPW	EPA 9040	10244403	pH	1900	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

NPW	EPA 9050	10198808	Conductivity	1610	TX
NPW	EPA 9056	10199607	Bromide	1540	TX
NPW	EPA 9056	10199607	Chloride	1575	TX
NPW	EPA 9056	10199607	Fluoride	1730	TX
NPW	EPA 9056	10199607	Nitrate as N	1810	TX
NPW	EPA 9056	10199607	Nitrate plus Nitrite as N	1820	TX
NPW	EPA 9056	10199607	Nitrite as N	1840	TX
NPW	EPA 9056	10199607	Sulfate	2000	TX
NPW	EPA 9060	10244823	Total Organic Carbon (TOC)	2040	TX
NPW	EPA 9066	10200609	Total Phenolics	1905	TX
NPW	EPA RSK 175	10212905	Ethane	4747	TX
NPW	EPA RSK 175	10212905	Ethene	4752	TX
NPW	EPA RSK 175	10212905	Methane	4926	TX
NPW	EPA RSK 175	10212905	n-Butane	5007	TX
NPW	EPA RSK 175	10212905	n-Propane	5029	TX
NPW	HACH 8000	60003001	Chemical Oxygen Demand (COD)	1565	TX
NPW	IDNR OA-2	90016607	Extractable Total Petroleum Hydrocarbons	6241	TX
NPW	Kelada-01	60005303	Cyanide	1635	TX
NPW	SM 2120 B	20039036	Color	1605	TX
NPW	SM 2130 B	20042631	Turbidity	2055	TX
NPW	SM 2320 B	20045436	Alkalinity as CaCO ₃	1505	TX
NPW	SM 2340 B	20046439	Total hardness as CaCO ₃	1755	TX
NPW	SM 2510 B	20048435	Conductivity	1610	TX
NPW	SM 2540 B	20048684	Residue-total (TS)	1950	TX
NPW	SM 2540 C	20050457	Residue-filterable (TDS)	1955	TX
NPW	SM 2540 D	20050446	Residue-nonfilterable (TSS)	1960	TX
NPW	SM 3500-Cr B	20066039	Chromium (VI)	1045	TX
NPW	SM 4500-Cl G	20081441	Total Residual Chlorine	1940	TX
NPW	SM 4500-CN ⁻ G	20097023	Amenable Cyanide	1510	TX
NPW	SM 4500-H ⁺ B	20105037	pH	1900	TX
NPW	SM 4500-S ₂ ⁻ D	20125626	Sulfide	2005	TX
NPW	SM 4500-S ₂ ⁻ F	20126414	Sulfide	2005	TX
NPW	SM 4500-SO ₃ ⁻ B	20130421	Sulfite-SO ₃	2015	TX
NPW	SM 5210 B	20135028	Biochemical Oxygen Demand (BOD)	1530	TX
NPW	SM 5210 B	20135028	Carbonaceous BOD (CBOD)	1555	TX
NPW	SM 5310 C	20138630	Total Organic Carbon (TOC)	2040	TX
NPW	SM 5540 C	20144836	Surfactants - MBAS	2025	TX
NPW	TNRCC 1005	90019208	Total Petroleum Hydrocarbons (TPH)	2050	TX
S	ASTM D2216	30025128	Percent Moisture	8641	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 1010	10234830	Ignitability	1780	TX
S	EPA 1311	10118806	Toxicity Characteristic Leaching Procedure (TCLP)	1466	TX
S	EPA 1312	10119003	Synthetic Precipitation Leaching Procedure (SPLP)	1460	TX
S	EPA 300.0	10053200	Bromide	1540	TX
S	EPA 300.0	10053200	Chloride	1575	TX
S	EPA 300.0	10053200	Fluoride	1730	TX
S	EPA 300.0	10053200	Nitrate as N	1810	TX
S	EPA 300.0	10053200	Nitrate plus Nitrite as N	1820	TX
S	EPA 300.0	10053200	Nitrite as N	1840	TX
S	EPA 300.0	10053200	Sulfate	2000	TX
S	EPA 350.1	10063602	Ammonia as N	1515	TX
S	EPA 353.2	10067604	Nitrate plus Nitrite as N	1820	TX
S	EPA 353.2	10067604	Nitrite as N	1840	TX
S	EPA 6010	10155916	Aluminum	1000	TX
S	EPA 6010	10155916	Antimony	1005	TX
S	EPA 6010	10155916	Arsenic	1010	TX
S	EPA 6010	10155916	Barium	1015	TX
S	EPA 6010	10155916	Beryllium	1020	TX
S	EPA 6010	10155916	Boron	1025	TX
S	EPA 6010	10155916	Cadmium	1030	TX
S	EPA 6010	10155916	Calcium	1035	TX
S	EPA 6010	10155916	Chromium	1040	TX
S	EPA 6010	10155916	Cobalt	1050	TX
S	EPA 6010	10155916	Copper	1055	TX
S	EPA 6010	10155916	Iron	1070	TX
S	EPA 6010	10155916	Lead	1075	TX
S	EPA 6010	10155916	Lithium	1080	TX
S	EPA 6010	10155916	Magnesium	1085	TX
S	EPA 6010	10155916	Manganese	1090	TX
S	EPA 6010	10155916	Molybdenum	1100	TX
S	EPA 6010	10155916	Nickel	1105	TX
S	EPA 6010	10155916	Potassium	1125	TX
S	EPA 6010	10155916	Selenium	1140	TX
S	EPA 6010	10155916	Silica as SiO2	1990	TX
S	EPA 6010	10155916	Silver	1150	TX
S	EPA 6010	10155916	Sodium	1155	TX
S	EPA 6010	10155916	Strontium	1160	TX
S	EPA 6010	10155916	Thallium	1165	TX
S	EPA 6010	10155916	Tin	1175	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 6010	10155916	Titanium	1180	TX
S	EPA 6010	10155916	Total Phosphorus	1910	TX
S	EPA 6010	10155916	Vanadium	1185	TX
S	EPA 6010	10155916	Zinc	1190	TX
S	EPA 6020	10156420	Aluminum	1000	TX
S	EPA 6020	10156420	Antimony	1005	TX
S	EPA 6020	10156420	Arsenic	1010	TX
S	EPA 6020	10156420	Barium	1015	TX
S	EPA 6020	10156420	Beryllium	1020	TX
S	EPA 6020	10156420	Boron	1025	TX
S	EPA 6020	10156420	Cadmium	1030	TX
S	EPA 6020	10156420	Calcium	1035	TX
S	EPA 6020	10156420	Chromium	1040	TX
S	EPA 6020	10156420	Cobalt	1050	TX
S	EPA 6020	10156420	Copper	1055	TX
S	EPA 6020	10156420	Iron	1070	TX
S	EPA 6020	10156420	Lead	1075	TX
S	EPA 6020	10156420	Magnesium	1085	TX
S	EPA 6020	10156420	Manganese	1090	TX
S	EPA 6020	10156420	Molybdenum	1100	TX
S	EPA 6020	10156420	Nickel	1105	TX
S	EPA 6020	10156420	Potassium	1125	TX
S	EPA 6020	10156420	Selenium	1140	TX
S	EPA 6020	10156420	Silver	1150	TX
S	EPA 6020	10156420	Sodium	1155	TX
S	EPA 6020	10156420	Strontium	1160	TX
S	EPA 6020	10156420	Thallium	1165	TX
S	EPA 6020	10156420	Tin	1175	TX
S	EPA 6020	10156420	Titanium	1180	TX
S	EPA 6020	10156420	Vanadium	1185	TX
S	EPA 6020	10156420	Zinc	1190	TX
S	EPA 7196	10162400	Chromium (VI)	1045	TX
S	EPA 7470	10165807	Mercury	1095	TX
S	EPA 7471	10166457	Mercury	1095	TX
S	EPA 8015	10305609	Allyl alcohol	4350	TX
S	EPA 8015	10305609	Diesel Range Organics (DRO)	9369	TX
S	EPA 8015	10305609	Ethanol	4750	TX
S	EPA 8015	10305609	Ethylene glycol	4785	TX
S	EPA 8015	10305609	Gasoline Range Organics (GRO)	9408	TX
S	EPA 8015	10305609	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8015	10305609	Isopropyl alcohol (2-Propanol, Isopropanol)	4895	TX
S	EPA 8015	10305609	Methanol	4930	TX
S	EPA 8015	10305609	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
S	EPA 8015	10305609	n-Propanol (1-Propanol)	5055	TX
S	EPA 8015	10305609	Propylene Glycol	6657	TX
S	EPA 8081	10178811	4,4'-DDD	7355	TX
S	EPA 8081	10178811	4,4'-DDE	7360	TX
S	EPA 8081	10178811	4,4'-DDT	7365	TX
S	EPA 8081	10178811	Alachlor	7005	TX
S	EPA 8081	10178811	Aldrin	7025	TX
S	EPA 8081	10178811	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
S	EPA 8081	10178811	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
S	EPA 8081	10178811	Chlordane (tech.)	7250	TX
S	EPA 8081	10178811	cis-Chlordane (alpha-Chlordane)	7240	TX
S	EPA 8081	10178811	DDD,Total *	10314	TX
S	EPA 8081	10178811	DDE,Total *	10315	TX
S	EPA 8081	10178811	DDT	7370	TX
S	EPA 8081	10178811	delta-BHC	7105	TX
S	EPA 8081	10178811	Dieldrin	7470	TX
S	EPA 8081	10178811	Endosulfan I	7510	TX
S	EPA 8081	10178811	Endosulfan II	7515	TX
S	EPA 8081	10178811	Endosulfan sulfate	7520	TX
S	EPA 8081	10178811	Endrin	7540	TX
S	EPA 8081	10178811	Endrin aldehyde	7530	TX
S	EPA 8081	10178811	Endrin ketone	7535	TX
S	EPA 8081	10178811	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	TX
S	EPA 8081	10178811	gamma-Chlordane	7245	TX
S	EPA 8081	10178811	Heptachlor	7685	TX
S	EPA 8081	10178811	Heptachlor epoxide	7690	TX
S	EPA 8081	10178811	Methoxychlor	7810	TX
S	EPA 8081	10178811	Toxaphene (Chlorinated Camphene)	8250	TX
S	EPA 8082	10179358	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ-206)	9095	TX
S	EPA 8082	10179358	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	9065	TX
S	EPA 8082	10179358	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	9080	TX
S	EPA 8082	10179358	2,2',3,4,4',5',6-Heptachlorobiphenyl	9075	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

			(BZ-183)		
S	EPA 8082	10179358	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9025	TX
S	EPA 8082	10179358	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	9134	TX
S	EPA 8082	10179358	2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	8975	TX
S	EPA 8082	10179358	2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	9030	TX
S	EPA 8082	10179358	2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	8945	TX
S	EPA 8082	10179358	2,2',3,5,5',6'-Hexachlorobiphenyl (BZ-151)	9035	TX
S	EPA 8082	10179358	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	9040	TX
S	EPA 8082	10179358	2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	8980	TX
S	EPA 8082	10179358	2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	8955	TX
S	EPA 8082	10179358	2,2',5-Trichlorobiphenyl (BZ-18)	8930	TX
S	EPA 8082	10179358	2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	8960	TX
S	EPA 8082	10179358	2,3,3',4',6'-Pentachlorobiphenyl (BZ-110)	8990	TX
S	EPA 8082	10179358	2,3-Dichlorobiphenyl (BZ-5)	8920	TX
S	EPA 8082	10179358	2,4',5-Trichlorobiphenyl (BZ-31)	8940	TX
S	EPA 8082	10179358	2-Chlorobiphenyl (BZ-1)	8915	TX
S	EPA 8082	10179358	Aroclor-1016 (PCB-1016)	8880	TX
S	EPA 8082	10179358	Aroclor-1221 (PCB-1221)	8885	TX
S	EPA 8082	10179358	Aroclor-1232 (PCB-1232)	8890	TX
S	EPA 8082	10179358	Aroclor-1242 (PCB-1242)	8895	TX
S	EPA 8082	10179358	Aroclor-1248 (PCB-1248)	8900	TX
S	EPA 8082	10179358	Aroclor-1254 (PCB-1254)	8905	TX
S	EPA 8082	10179358	Aroclor-1260 (PCB-1260)	8910	TX
S	EPA 8082	10179358	Total PCBs	8870	TX
S	EPA 8260	10307127	1,1,1,2-Tetrachloroethane	5105	TX
S	EPA 8260	10307127	1,1,1-Trichloroethane	5160	TX
S	EPA 8260	10307127	1,1,2,2-Tetrachloroethane	5110	TX
S	EPA 8260	10307127	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	TX
S	EPA 8260	10307127	1,1,2-Trichloroethane	5165	TX
S	EPA 8260	10307127	1,1-Dichloroethane	4630	TX
S	EPA 8260	10307127	1,1-Dichloroethylene	4640	TX
S	EPA 8260	10307127	1,1-Dichloropropene	4670	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8260	10307127	1,2,3-Trichlorobenzene	5150	TX
S	EPA 8260	10307127	1,2,3-Trichloropropane	5180	TX
S	EPA 8260	10307127	1,2,4-Trichlorobenzene	5155	TX
S	EPA 8260	10307127	1,2,4-Trimethylbenzene	5210	TX
S	EPA 8260	10307127	1,2-Dibromo-3-chloropropane (DBCP)	4570	TX
S	EPA 8260	10307127	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	TX
S	EPA 8260	10307127	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
S	EPA 8260	10307127	1,2-Dichloroethane (Ethylene dichloride)	4635	TX
S	EPA 8260	10307127	1,2-Dichloropropane	4655	TX
S	EPA 8260	10307127	1,3,5-Trimethylbenzene	5215	TX
S	EPA 8260	10307127	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
S	EPA 8260	10307127	1,3-Dichloropropane	4660	TX
S	EPA 8260	10307127	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
S	EPA 8260	10307127	1,4-Dioxane (1,4- Diethyleneoxide)	4735	TX
S	EPA 8260	10307127	1-Chlorohexane	4510	TX
S	EPA 8260	10307127	2,2-Dichloropropane	4665	TX
S	EPA 8260	10307127	2-Butanone (Methyl ethyl ketone, MEK)	4410	TX
S	EPA 8260	10307127	2-Chloroethyl vinyl ether	4500	TX
S	EPA 8260	10307127	2-Chlorotoluene	4535	TX
S	EPA 8260	10307127	2-Hexanone	4860	TX
S	EPA 8260	10307127	4-Chlorotoluene	4540	TX
S	EPA 8260	10307127	4-Isopropyltoluene (p-Cymene)	4910	TX
S	EPA 8260	10307127	4-Methyl-2-pentanone (MIBK)	4995	TX
S	EPA 8260	10307127	Acetone	4315	TX
S	EPA 8260	10307127	Acetonitrile	4320	TX
S	EPA 8260	10307127	Acrolein (Propenal)	4325	TX
S	EPA 8260	10307127	Acrylonitrile	4340	TX
S	EPA 8260	10307127	Allyl chloride (3-Chloropropene)	4355	TX
S	EPA 8260	10307127	Benzene	4375	TX
S	EPA 8260	10307127	Bromobenzene	4385	TX
S	EPA 8260	10307127	Bromochloromethane	4390	TX
S	EPA 8260	10307127	Bromodichloromethane	4395	TX
S	EPA 8260	10307127	Bromoform	4400	TX
S	EPA 8260	10307127	Carbon disulfide	4450	TX
S	EPA 8260	10307127	Carbon tetrachloride	4455	TX
S	EPA 8260	10307127	Chlorobenzene	4475	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8260	10307127	Chlorodibromomethane	4575	TX
S	EPA 8260	10307127	Chloroethane (Ethyl chloride)	4485	TX
S	EPA 8260	10307127	Chloroform	4505	TX
S	EPA 8260	10307127	Chloroprene (2-Chloro-1,3-butadiene)	4525	TX
S	EPA 8260	10307127	cis-1,2-Dichloroethylene	4645	TX
S	EPA 8260	10307127	cis-1,3-Dichloropropene	4680	TX
S	EPA 8260	10307127	cis-1,4-Dichloro-2-butene	4600	TX
S	EPA 8260	10307127	Dibromomethane (Methylene bromide)	4595	TX
S	EPA 8260	10307127	Dichlorodifluoromethane (Freon-12)	4625	TX
S	EPA 8260	10307127	Diethyl ether	4725	TX
S	EPA 8260	10307127	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	4745	TX
S	EPA 8260	10307127	Ethyl methacrylate	4810	TX
S	EPA 8260	10307127	Ethylbenzene	4765	TX
S	EPA 8260	10307127	Ethylene oxide	4795	TX
S	EPA 8260	10307127	Hexachlorobutadiene	4835	TX
S	EPA 8260	10307127	Iodomethane (Methyl iodide)	4870	TX
S	EPA 8260	10307127	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX
S	EPA 8260	10307127	Isopropylbenzene	4900	TX
S	EPA 8260	10307127	m+p-xylene	5240	TX
S	EPA 8260	10307127	Methacrylonitrile	4925	TX
S	EPA 8260	10307127	Methyl acetate	4940	TX
S	EPA 8260	10307127	Methyl bromide (Bromomethane)	4950	TX
S	EPA 8260	10307127	Methyl chloride (Chloromethane)	4960	TX
S	EPA 8260	10307127	Methyl methacrylate	4990	TX
S	EPA 8260	10307127	Methyl tert-butyl ether (MTBE)	5000	TX
S	EPA 8260	10307127	Methylcyclohexane	4965	TX
S	EPA 8260	10307127	Methylene chloride (Dichloromethane)	4975	TX
S	EPA 8260	10307127	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
S	EPA 8260	10307127	n-Butylbenzene	4435	TX
S	EPA 8260	10307127	n-Propylbenzene	5090	TX
S	EPA 8260	10307127	Naphthalene	5005	TX
S	EPA 8260	10307127	o-Xylene	5250	TX
S	EPA 8260	10307127	sec-Butylbenzene	4440	TX
S	EPA 8260	10307127	Styrene	5100	TX
S	EPA 8260	10307127	tert-Butyl alcohol (2-Methyl-2-Propanol)	4420	TX
S	EPA 8260	10307127	tert-Butylbenzene	4445	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8260	10307127	Tetrachloroethylene (Perchloroethylene)	5115	TX
S	EPA 8260	10307127	Toluene	5140	TX
S	EPA 8260	10307127	Total Xylene	5260	TX
S	EPA 8260	10307127	trans-1,2-Dichloroethylene	4700	TX
S	EPA 8260	10307127	trans-1,3-Dichloropropylene	4685	TX
S	EPA 8260	10307127	trans-1,4-Dichloro-2-butene	4605	TX
S	EPA 8260	10307127	Trichloroethene (Trichloroethylene)	5170	TX
S	EPA 8260	10307127	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175	TX
S	EPA 8260	10307127	Vinyl acetate	5225	TX
S	EPA 8260	10307127	Vinyl chloride (Chloroethene)	5235	TX
S	EPA 8270	10242543	1,2,4,5-Tetrachlorobenzene	6715	TX
S	EPA 8270	10242543	1,2,4-Trichlorobenzene	5155	TX
S	EPA 8270	10242543	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
S	EPA 8270	10242543	1,2-Diphenylhydrazine	6220	TX
S	EPA 8270	10242543	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
S	EPA 8270	10242543	1,3-Dinitrobenzene (1,3-DNB)	6160	TX
S	EPA 8270	10242543	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
S	EPA 8270	10242543	1,4-Phenylenediamine	6630	TX
S	EPA 8270	10242543	1-Chloronaphthalene	5790	TX
S	EPA 8270	10242543	1-Naphthylamine	6425	TX
S	EPA 8270	10242543	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	TX
S	EPA 8270	10242543	2,3,4,6-Tetrachlorophenol	6735	TX
S	EPA 8270	10242543	2,4,5-Trichlorophenol	6835	TX
S	EPA 8270	10242543	2,4,6-Trichlorophenol	6840	TX
S	EPA 8270	10242543	2,4-Dichlorophenol	6000	TX
S	EPA 8270	10242543	2,4-Dimethylphenol	6130	TX
S	EPA 8270	10242543	2,4-Dinitrophenol	6175	TX
S	EPA 8270	10242543	2,4-Dinitrotoluene (2,4-DNT)	6185	TX
S	EPA 8270	10242543	2,6-Dichlorophenol	6005	TX
S	EPA 8270	10242543	2,6-Dinitrotoluene (2,6-DNT)	6190	TX
S	EPA 8270	10242543	2-Acetylaminofluorene	5515	TX
S	EPA 8270	10242543	2-Chloronaphthalene	5795	TX
S	EPA 8270	10242543	2-Chlorophenol	5800	TX
S	EPA 8270	10242543	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	TX
S	EPA 8270	10242543	2-Methylnaphthalene	6385	TX
S	EPA 8270	10242543	2-Methylphenol (o-Cresol)	6400	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8270	10242543	2-Naphthylamine	6430	TX
S	EPA 8270	10242543	2-Nitroaniline	6460	TX
S	EPA 8270	10242543	2-Nitrophenol	6490	TX
S	EPA 8270	10242543	2-Picoline (2-Methylpyridine)	5050	TX
S	EPA 8270	10242543	3,3'-Dichlorobenzidine	5945	TX
S	EPA 8270	10242543	3-Methylcholanthrene	6355	TX
S	EPA 8270	10242543	3-Methylphenol (m-Cresol)	6405	TX
S	EPA 8270	10242543	3-Nitroaniline	6465	TX
S	EPA 8270	10242543	4,4'-DDD	7355	TX
S	EPA 8270	10242543	4,4'-DDE	7360	TX
S	EPA 8270	10242543	4,4'-DDT	7365	TX
S	EPA 8270	10242543	4-Aminobiphenyl	5540	TX
S	EPA 8270	10242543	4-Bromophenyl phenyl ether (BDE-3)	5660	TX
S	EPA 8270	10242543	4-Chloro-3-methylphenol	5700	TX
S	EPA 8270	10242543	4-Chloroaniline	5745	TX
S	EPA 8270	10242543	4-Chlorophenyl phenylether	5825	TX
S	EPA 8270	10242543	4-Dimethyl aminoazobenzene	6105	TX
S	EPA 8270	10242543	4-Methylphenol (p-Cresol)	6410	TX
S	EPA 8270	10242543	4-Nitroaniline	6470	TX
S	EPA 8270	10242543	4-Nitrophenol	6500	TX
S	EPA 8270	10242543	7,12-Dimethylbenz(a)anthracene	6115	TX
S	EPA 8270	10242543	Acenaphthene	5500	TX
S	EPA 8270	10242543	Acenaphthylene	5505	TX
S	EPA 8270	10242543	Acetophenone	5510	TX
S	EPA 8270	10242543	Aldrin	7025	TX
S	EPA 8270	10242543	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
S	EPA 8270	10242543	Aniline	5545	TX
S	EPA 8270	10242543	Anthracene	5555	TX
S	EPA 8270	10242543	Aroclor-1016 (PCB-1016)	8880	TX
S	EPA 8270	10242543	Aroclor-1221 (PCB-1221)	8885	TX
S	EPA 8270	10242543	Aroclor-1232 (PCB-1232)	8890	TX
S	EPA 8270	10242543	Aroclor-1242 (PCB-1242)	8895	TX
S	EPA 8270	10242543	Aroclor-1248 (PCB-1248)	8900	TX
S	EPA 8270	10242543	Aroclor-1254 (PCB-1254)	8905	TX
S	EPA 8270	10242543	Aroclor-1260 (PCB-1260)	8910	TX
S	EPA 8270	10242543	Atrazine	7065	TX
S	EPA 8270	10242543	Azinphos-methyl (Guthion)	7075	TX
S	EPA 8270	10242543	Azobenzene (Diphenyldiazene)	5562	TX
S	EPA 8270	10242543	Benzidine	5595	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8270	10242543	Benzo(a)anthracene	5575	TX
S	EPA 8270	10242543	Benzo(a)pyrene	5580	TX
S	EPA 8270	10242543	Benzo(g,h,i)perylene	5590	TX
S	EPA 8270	10242543	Benzo(k)fluoranthene	5600	TX
S	EPA 8270	10242543	Benzoic acid	5610	TX
S	EPA 8270	10242543	Benzo[b]fluoranthene	5585	TX
S	EPA 8270	10242543	Benzyl alcohol	5630	TX
S	EPA 8270	10242543	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
S	EPA 8270	10242543	Biphenyl	5640	TX
S	EPA 8270	10242543	bis(2-Chloroethoxy)methane	5760	TX
S	EPA 8270	10242543	bis(2-Chloroethyl) ether	5765	TX
S	EPA 8270	10242543	Butyl benzyl phthalate	5670	TX
S	EPA 8270	10242543	Caprolactam	7180	TX
S	EPA 8270	10242543	Carbazole	5680	TX
S	EPA 8270	10242543	Chlordane (tech.)	7250	TX
S	EPA 8270	10242543	Chlorfenvinphos	7255	TX
S	EPA 8270	10242543	Chrysene	5855	TX
S	EPA 8270	10242543	cis-Chlordane (alpha-Chlordane)	7240	TX
S	EPA 8270	10242543	Coumaphos	7315	TX
S	EPA 8270	10242543	delta-BHC	7105	TX
S	EPA 8270	10242543	Demeton	7390	TX
S	EPA 8270	10242543	Demeton-o	7395	TX
S	EPA 8270	10242543	Demeton-s	7385	TX
S	EPA 8270	10242543	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	TX
S	EPA 8270	10242543	Di-n-butyl phthalate	5925	TX
S	EPA 8270	10242543	Di-n-octyl phthalate	6200	TX
S	EPA 8270	10242543	Dibenz(a,h) anthracene	5895	TX
S	EPA 8270	10242543	Dibenzo(a,e) pyrene	5890	TX
S	EPA 8270	10242543	Dibenzofuran	5905	TX
S	EPA 8270	10242543	Dichlorvos (DDVP)	8610	TX
S	EPA 8270	10242543	Dieldrin	7470	TX
S	EPA 8270	10242543	Diethyl phthalate	6070	TX
S	EPA 8270	10242543	Dimethoate	7475	TX
S	EPA 8270	10242543	Dimethyl phthalate	6135	TX
S	EPA 8270	10242543	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
S	EPA 8270	10242543	Diphenylamine	6205	TX
S	EPA 8270	10242543	Endosulfan I	7510	TX
S	EPA 8270	10242543	Endosulfan II	7515	TX
S	EPA 8270	10242543	Endosulfan sulfate	7520	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8270	10242543	Endrin	7540	TX
S	EPA 8270	10242543	Endrin aldehyde	7530	TX
S	EPA 8270	10242543	Endrin ketone	7535	TX
S	EPA 8270	10242543	EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	7550	TX
S	EPA 8270	10242543	Ethyl methanesulfonate	6260	TX
S	EPA 8270	10242543	Fensulfothion	7600	TX
S	EPA 8270	10242543	Fenthion	7605	TX
S	EPA 8270	10242543	Fluoranthene	6265	TX
S	EPA 8270	10242543	Fluorene	6270	TX
S	EPA 8270	10242543	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
S	EPA 8270	10242543	gamma-Chlordane	7245	TX
S	EPA 8270	10242543	Heptachlor	7685	TX
S	EPA 8270	10242543	Heptachlor epoxide	7690	TX
S	EPA 8270	10242543	Hexachlorobenzene	6275	TX
S	EPA 8270	10242543	Hexachlorobutadiene	4835	TX
S	EPA 8270	10242543	Hexachlorocyclopentadiene	6285	TX
S	EPA 8270	10242543	Hexachloroethane	4840	TX
S	EPA 8270	10242543	Hexachlorophene	6290	TX
S	EPA 8270	10242543	Hexachloropropene	6295	TX
S	EPA 8270	10242543	Indeno(1,2,3-cd) pyrene	6315	TX
S	EPA 8270	10242543	Isophorone	6320	TX
S	EPA 8270	10242543	Malathion	7770	TX
S	EPA 8270	10242543	Methapyrilene	6345	TX
S	EPA 8270	10242543	Methoxychlor	7810	TX
S	EPA 8270	10242543	Methyl methanesulfonate	6375	TX
S	EPA 8270	10242543	Mevinphos	7850	TX
S	EPA 8270	10242543	Monocrotophos	7880	TX
S	EPA 8270	10242543	n-Nitroso-di-n-butylamine	5025	TX
S	EPA 8270	10242543	n-Nitrosodi-n-propylamine	6545	TX
S	EPA 8270	10242543	n-Nitrosodiethylamine	6525	TX
S	EPA 8270	10242543	n-Nitrosodimethylamine	6530	TX
S	EPA 8270	10242543	n-Nitrosodiphenylamine	6535	TX
S	EPA 8270	10242543	n-Nitrosomethylethylamine	6550	TX
S	EPA 8270	10242543	n-Nitrosomorpholine	6555	TX
S	EPA 8270	10242543	n-Nitrosopiperidine	6560	TX
S	EPA 8270	10242543	n-Nitrosopyrrolidine	6565	TX
S	EPA 8270	10242543	Naled	7905	TX
S	EPA 8270	10242543	Naphthalene	5005	TX
S	EPA 8270	10242543	Nitrobenzene	5015	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 8270	10242543	Pentachlorobenzene	6590	TX
S	EPA 8270	10242543	Pentachloronitrobenzene	6600	TX
S	EPA 8270	10242543	Pentachlorophenol	6605	TX
S	EPA 8270	10242543	Phenacetin	6610	TX
S	EPA 8270	10242543	Phenanthrene	6615	TX
S	EPA 8270	10242543	Phenol	6625	TX
S	EPA 8270	10242543	Phthalic anhydride	6640	TX
S	EPA 8270	10242543	Pronamide (Kerb)	6650	TX
S	EPA 8270	10242543	Pyrene	6665	TX
S	EPA 8270	10242543	Pyridine	5095	TX
S	EPA 8270	10242543	Quinoline	6670	TX
S	EPA 8270	10242543	Resorcinol	6680	TX
S	EPA 8270	10242543	Strychnine	6695	TX
S	EPA 8270	10242543	Sulfotep (Tetraethyl dithiopyrophosphahte)	8155	TX
S	EPA 8270	10242543	Tetrachlorvinphos (Stirophos, Gardona) E-isomer	8197	TX
S	EPA 8270	10242543	Toxaphene (Chlorinated Camphene)	8250	TX
S	EPA 8321	10189205	2,4,5-T	8655	TX
S	EPA 8321	10189205	2,4-D	8545	TX
S	EPA 8321	10189205	2,4-DB	8560	TX
S	EPA 8321	10189205	Dalapon	8555	TX
S	EPA 8321	10189205	Dicamba	8595	TX
S	EPA 8321	10189205	Dichlorprop	8605	TX
S	EPA 8321	10189205	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
S	EPA 8321	10189205	MCPA	7775	TX
S	EPA 8321	10189205	MCPP	7780	TX
S	EPA 8321	10189205	Silvex (2,4,5-TP)	8650	TX
S	EPA 9012	10243206	Amenable Cyanide	1510	TX
S	EPA 9012	10243206	Total Cyanide	1645	TX
S	EPA 9023	10195003	Extractable Organic Halides (EOX)	1720	TX
S	EPA 9034	10196006	Sulfide	2005	TX
S	EPA 9040	10244403	pH	1900	TX
S	EPA 9045	10198455	Corrosivity	1615	TX
S	EPA 9045	10198455	pH	1900	TX
S	EPA 9056	10199607	Bromide	1540	TX
S	EPA 9056	10199607	Chloride	1575	TX
S	EPA 9056	10199607	Fluoride	1730	TX
S	EPA 9056	10199607	Nitrate as N	1810	TX
S	EPA 9056	10199607	Nitrate plus Nitrite as N	1820	TX
S	EPA 9056	10199607	Nitrite as N	1840	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00028

Effective Date: 01/28/2025

Expiration Date: 06/30/2025

S	EPA 9056	10199607	Sulfate	2000	TX
S	EPA 9060	10244823	Total Organic Carbon (TOC)	2040	TX
S	EPA 9066	10200609	Total Phenolics	1905	TX
S	EPA 9071	10201806	n-Hexane Extractable Material (O&G)	1803	TX
S	EPA 9071	10201806	n-Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	9500	TX
S	EPA 9095	10245600	Paint Filter Test	1434	TX
S	IDNR OA-2	90016607	Extractable Total Petroleum Hydrocarbons	6241	TX
S	SM 2320 B	20045436	Alkalinity as CaCO3	1505	TX
S	SM 2510 B	20048435	Conductivity	1610	TX
S	SM 2540 G	20052248	Residue-total (TS)	1950	TX
S	TNRCC 1005	90019208	Total Petroleum Hydrocarbons (TPH)	2050	TX

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 26, 2025

Mr. David Krause
Eurofins Houston
4147 Greenbriar Drive
Stafford, TX 77477

Subject: Texas NELAP accreditation amendment

Dear Mr. Krause:

Based on the amendment request submitted on December 27, 2024, I am enclosing an updated NELAP accreditation certificate and Fields of Accreditation listing. They replace the previous ones issued on July 29, 2025.

Please review the enclosures for accuracy and completeness. Your laboratory's accreditation is valid until the expiration date on the certificate and scope, contingent on continued compliance with the standards for accreditation and requirements of the state of Texas.

In the meantime, please contact me at frank.jamison@tceq.texas.gov if I can provide any additional information or assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Frank Jamison", with a long horizontal stroke extending to the right.

Frank Jamison
Data and Records Specialist

Enclosures



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Houston

4147 Greenbriar Dr.,
Stafford, TX 77477

State Lab ID: T104704215
Effective Date: 08/26/2025
Expiration Date: 06/30/2026
Certificate ID: TX-C25-00241

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/26/2025

Laboratory Fields of Accreditation

Matrix	Method	Analyte	Analyte Code	AB
DW	EPA 200.7	Aluminum	1000	TX
DW	EPA 200.7	Antimony	1005	TX
DW	EPA 200.7	Arsenic	1010	TX
DW	EPA 200.7	Barium	1015	TX
DW	EPA 200.7	Beryllium	1020	TX
DW	EPA 200.7	Boron	1025	TX
DW	EPA 200.7	Cadmium	1030	TX
DW	EPA 200.7	Chromium	1040	TX
DW	EPA 200.7	Cobalt	1050	TX
DW	EPA 200.7	Copper	1055	TX
DW	EPA 200.7	Iron	1070	TX
DW	EPA 200.7	Lead	1075	TX
DW	EPA 200.7	Lithium	1080	TX
DW	EPA 200.7	Magnesium	1085	TX
DW	EPA 200.7	Manganese	1090	TX
DW	EPA 200.7	Molybdenum	1100	TX
DW	EPA 200.7	Nickel	1105	TX
DW	EPA 200.7	Potassium	1125	TX
DW	EPA 200.7	Selenium	1140	TX
DW	EPA 200.7	Silica as SiO ₂	1990	TX
DW	EPA 200.7	Silver	1150	TX
DW	EPA 200.7	Sodium	1155	TX
DW	EPA 200.7	Strontium	1160	TX
DW	EPA 200.7	Tin	1175	TX
DW	EPA 200.7	Titanium	1180	TX
DW	EPA 200.7	Vanadium	1185	TX
DW	EPA 200.7	Zinc	1190	TX
DW	EPA 200.8	Aluminum	1000	TX
DW	EPA 200.8	Antimony	1005	TX
DW	EPA 200.8	Arsenic	1010	TX
DW	EPA 200.8	Barium	1015	TX
DW	EPA 200.8	Beryllium	1020	TX
DW	EPA 200.8	Cadmium	1030	TX
DW	EPA 200.8	Chromium	1040	TX
DW	EPA 200.8	Copper	1055	TX
DW	EPA 200.8	Lead	1075	TX
DW	EPA 200.8	Manganese	1090	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

DW	EPA 200.8	Nickel	1105	TX
DW	EPA 200.8	Selenium	1140	TX
DW	EPA 200.8	Silver	1150	TX
DW	EPA 200.8	Thallium	1165	TX
DW	EPA 200.8	Uranium	3035	TX
DW	EPA 200.8	Zinc	1190	TX
DW	EPA 245.1	Mercury	1095	TX
DW	EPA 300.0	Bromide	1540	TX
DW	EPA 300.0	Chloride	1575	TX
DW	EPA 300.0	Fluoride	1730	TX
DW	EPA 300.0	Nitrate as N	1810	TX
DW	EPA 300.0	Nitrite as N	1840	TX
DW	EPA 300.0	Sulfate	2000	TX
DW	EPA 335.4	Cyanide	1635	TX
DW	EPA 353.2	Nitrate as N	1810	TX
DW	EPA 353.2	Nitrite as N	1840	TX
DW	Kelada-01	Cyanide	1635	TX
DW	SM 2510 B	Conductivity	1610	TX
DW	SM 2540 C	Residue-filterable (TDS)	1955	TX
NPW	EPA 1010	Ignitability	1780	TX
NPW	EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)	1466	TX
NPW	EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)	1460	TX
NPW	EPA 160.4	Residue-volatile	1970	TX
NPW	EPA 1664	Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	6142	TX
NPW	EPA 1664	n-Hexane Extractable Material (O&G)	1803	TX
NPW	EPA 180.1	Turbidity	2055	TX
NPW	EPA 200.7	Aluminum	1000	TX
NPW	EPA 200.7	Antimony	1005	TX
NPW	EPA 200.7	Arsenic	1010	TX
NPW	EPA 200.7	Barium	1015	TX
NPW	EPA 200.7	Beryllium	1020	TX
NPW	EPA 200.7	Boron	1025	TX
NPW	EPA 200.7	Cadmium	1030	TX
NPW	EPA 200.7	Calcium	1035	TX
NPW	EPA 200.7	Chromium	1040	TX
NPW	EPA 200.7	Cobalt	1050	TX
NPW	EPA 200.7	Copper	1055	TX
NPW	EPA 200.7	Iron	1070	TX
NPW	EPA 200.7	Lead	1075	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 200.7	Lithium	1080	TX
NPW	EPA 200.7	Magnesium	1085	TX
NPW	EPA 200.7	Manganese	1090	TX
NPW	EPA 200.7	Molybdenum	1100	TX
NPW	EPA 200.7	Nickel	1105	TX
NPW	EPA 200.7	Potassium	1125	TX
NPW	EPA 200.7	Selenium	1140	TX
NPW	EPA 200.7	Silica as SiO2	1990	TX
NPW	EPA 200.7	Silver	1150	TX
NPW	EPA 200.7	Sodium	1155	TX
NPW	EPA 200.7	Strontium	1160	TX
NPW	EPA 200.7	Thallium	1165	TX
NPW	EPA 200.7	Tin	1175	TX
NPW	EPA 200.7	Titanium	1180	TX
NPW	EPA 200.7	Vanadium	1185	TX
NPW	EPA 200.7	Zinc	1190	TX
NPW	EPA 200.8	Aluminum	1000	TX
NPW	EPA 200.8	Antimony	1005	TX
NPW	EPA 200.8	Arsenic	1010	TX
NPW	EPA 200.8	Barium	1015	TX
NPW	EPA 200.8	Beryllium	1020	TX
NPW	EPA 200.8	Boron	1025	TX
NPW	EPA 200.8	Cadmium	1030	TX
NPW	EPA 200.8	Chromium	1040	TX
NPW	EPA 200.8	Cobalt	1050	TX
NPW	EPA 200.8	Copper	1055	TX
NPW	EPA 200.8	Iron	1070	TX
NPW	EPA 200.8	Lead	1075	TX
NPW	EPA 200.8	Magnesium	1085	TX
NPW	EPA 200.8	Manganese	1090	TX
NPW	EPA 200.8	Molybdenum	1100	TX
NPW	EPA 200.8	Nickel	1105	TX
NPW	EPA 200.8	Potassium	1125	TX
NPW	EPA 200.8	Selenium	1140	TX
NPW	EPA 200.8	Silver	1150	TX
NPW	EPA 200.8	Sodium	1155	TX
NPW	EPA 200.8	Strontium	1160	TX
NPW	EPA 200.8	Thallium	1165	TX
NPW	EPA 200.8	Tin	1175	TX
NPW	EPA 200.8	Titanium	1180	TX
NPW	EPA 200.8	Uranium	3035	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 200.8	Vanadium	1185	TX
NPW	EPA 200.8	Zinc	1190	TX
NPW	EPA 245.1	Mercury	1095	TX
NPW	EPA 300.0	Bromide	1540	TX
NPW	EPA 300.0	Chloride	1575	TX
NPW	EPA 300.0	Fluoride	1730	TX
NPW	EPA 300.0	Nitrate as N	1810	TX
NPW	EPA 300.0	Nitrate plus Nitrite as N	1820	TX
NPW	EPA 300.0	Nitrite as N	1840	TX
NPW	EPA 300.0	Sulfate	2000	TX
NPW	EPA 335.4	Total Cyanide	1645	TX
NPW	EPA 350.1	Ammonia as N	1515	TX
NPW	EPA 351.2	Total Kjeldahl Nitrogen - (TKN)	1790	TX
NPW	EPA 353.2	Nitrate as N	1810	TX
NPW	EPA 353.2	Nitrate plus Nitrite as N	1820	TX
NPW	EPA 353.2	Nitrite as N	1840	TX
NPW	EPA 360.1	Oxygen, dissolved	1880	TX
NPW	EPA 365.1	Orthophosphate as P	1870	TX
NPW	EPA 365.1	Total Phosphorus	1910	TX
NPW	EPA 420.4	Total Phenolics	1905	TX
NPW	EPA 6010	Aluminum	1000	TX
NPW	EPA 6010	Antimony	1005	TX
NPW	EPA 6010	Arsenic	1010	TX
NPW	EPA 6010	Barium	1015	TX
NPW	EPA 6010	Beryllium	1020	TX
NPW	EPA 6010	Boron	1025	TX
NPW	EPA 6010	Cadmium	1030	TX
NPW	EPA 6010	Calcium	1035	TX
NPW	EPA 6010	Chromium	1040	TX
NPW	EPA 6010	Cobalt	1050	TX
NPW	EPA 6010	Copper	1055	TX
NPW	EPA 6010	Iron	1070	TX
NPW	EPA 6010	Lead	1075	TX
NPW	EPA 6010	Lithium	1080	TX
NPW	EPA 6010	Magnesium	1085	TX
NPW	EPA 6010	Manganese	1090	TX
NPW	EPA 6010	Molybdenum	1100	TX
NPW	EPA 6010	Nickel	1105	TX
NPW	EPA 6010	Potassium	1125	TX
NPW	EPA 6010	Selenium	1140	TX
NPW	EPA 6010	Silica as SiO2	1990	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 6010	Silver	1150	TX
NPW	EPA 6010	Sodium	1155	TX
NPW	EPA 6010	Strontium	1160	TX
NPW	EPA 6010	Thallium	1165	TX
NPW	EPA 6010	Tin	1175	TX
NPW	EPA 6010	Titanium	1180	TX
NPW	EPA 6010	Total Phosphorus	1910	TX
NPW	EPA 6010	Vanadium	1185	TX
NPW	EPA 6010	Zinc	1190	TX
NPW	EPA 6020	Aluminum	1000	TX
NPW	EPA 6020	Antimony	1005	TX
NPW	EPA 6020	Arsenic	1010	TX
NPW	EPA 6020	Barium	1015	TX
NPW	EPA 6020	Beryllium	1020	TX
NPW	EPA 6020	Boron	1025	TX
NPW	EPA 6020	Cadmium	1030	TX
NPW	EPA 6020	Chromium	1040	TX
NPW	EPA 6020	Cobalt	1050	TX
NPW	EPA 6020	Copper	1055	TX
NPW	EPA 6020	Iron	1070	TX
NPW	EPA 6020	Lead	1075	TX
NPW	EPA 6020	Magnesium	1085	TX
NPW	EPA 6020	Manganese	1090	TX
NPW	EPA 6020	Molybdenum	1100	TX
NPW	EPA 6020	Nickel	1105	TX
NPW	EPA 6020	Potassium	1125	TX
NPW	EPA 6020	Selenium	1140	TX
NPW	EPA 6020	Silver	1150	TX
NPW	EPA 6020	Sodium	1155	TX
NPW	EPA 6020	Strontium	1160	TX
NPW	EPA 6020	Thallium	1165	TX
NPW	EPA 6020	Tin	1175	TX
NPW	EPA 6020	Titanium	1180	TX
NPW	EPA 6020	Vanadium	1185	TX
NPW	EPA 6020	Zinc	1190	TX
NPW	EPA 608.3	4,4'-DDD	7355	TX
NPW	EPA 608.3	4,4'-DDE	7360	TX
NPW	EPA 608.3	4,4'-DDT	7365	TX
NPW	EPA 608.3	Aldrin	7025	TX
NPW	EPA 608.3	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 608.3	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 608.3	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 608.3	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 608.3	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 608.3	Aroclor-1248 (PCB-1248)	8900	TX
NPW	EPA 608.3	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 608.3	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 608.3	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 608.3	Chlordane (tech.)	7250	TX
NPW	EPA 608.3	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 608.3	delta-BHC	7105	TX
NPW	EPA 608.3	Dieldrin	7470	TX
NPW	EPA 608.3	Endosulfan I	7510	TX
NPW	EPA 608.3	Endosulfan II	7515	TX
NPW	EPA 608.3	Endosulfan sulfate	7520	TX
NPW	EPA 608.3	Endrin	7540	TX
NPW	EPA 608.3	Endrin aldehyde	7530	TX
NPW	EPA 608.3	gamma-BHC (Lindane, gamma-Hexachlorocyclohexane)	7120	TX
NPW	EPA 608.3	gamma-Chlordane	7245	TX
NPW	EPA 608.3	Heptachlor	7685	TX
NPW	EPA 608.3	Heptachlor epoxide	7690	TX
NPW	EPA 608.3	Methoxychlor	7810	TX
NPW	EPA 608.3	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 615	2,4,5-T	8655	TX
NPW	EPA 615	2,4-D	8545	TX
NPW	EPA 615	2,4-DB	8560	TX
NPW	EPA 615	Dalapon	8555	TX
NPW	EPA 615	Dicamba	8595	TX
NPW	EPA 615	Dichlorprop	8605	TX
NPW	EPA 615	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
NPW	EPA 615	MCPA	7775	TX
NPW	EPA 615	MCPP	7780	TX
NPW	EPA 615	Silvex (2,4,5-TP)	8650	TX
NPW	EPA 624.1	1,1,1-Trichloroethane	5160	TX
NPW	EPA 624.1	1,1,2,2-Tetrachloroethane	5110	TX
NPW	EPA 624.1	1,1,2-Trichloroethane	5165	TX
NPW	EPA 624.1	1,1-Dichloroethane	4630	TX
NPW	EPA 624.1	1,1-Dichloroethylene	4640	TX
NPW	EPA 624.1	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 624.1	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
NPW	EPA 624.1	1,2-Dichloroethane (Ethylene dichloride)	4635	TX
NPW	EPA 624.1	1,2-Dichloropropane	4655	TX
NPW	EPA 624.1	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 624.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 624.1	2-Butanone (Methyl ethyl ketone, MEK)	4410	TX
NPW	EPA 624.1	2-Chloroethyl vinyl ether	4500	TX
NPW	EPA 624.1	Acetone	4315	TX
NPW	EPA 624.1	Acrolein (Propenal)	4325	TX
NPW	EPA 624.1	Acrylonitrile	4340	TX
NPW	EPA 624.1	Benzene	4375	TX
NPW	EPA 624.1	Bromodichloromethane	4395	TX
NPW	EPA 624.1	Bromoform	4400	TX
NPW	EPA 624.1	Carbon tetrachloride	4455	TX
NPW	EPA 624.1	Chlorobenzene	4475	TX
NPW	EPA 624.1	Chlorodibromomethane	4575	TX
NPW	EPA 624.1	Chloroethane (Ethyl chloride)	4485	TX
NPW	EPA 624.1	Chloroform	4505	TX
NPW	EPA 624.1	cis-1,2-Dichloroethylene	4645	TX
NPW	EPA 624.1	cis-1,3-Dichloropropene	4680	TX
NPW	EPA 624.1	Ethylbenzene	4765	TX
NPW	EPA 624.1	m+p-xylene	5240	TX
NPW	EPA 624.1	Methyl bromide (Bromomethane)	4950	TX
NPW	EPA 624.1	Methyl chloride (Chloromethane)	4960	TX
NPW	EPA 624.1	Methyl tert-butyl ether (MTBE)	5000	TX
NPW	EPA 624.1	Methylene chloride (Dichloromethane)	4975	TX
NPW	EPA 624.1	o-Xylene	5250	TX
NPW	EPA 624.1	Tetrachloroethylene (Perchloroethylene)	5115	TX
NPW	EPA 624.1	Toluene	5140	TX
NPW	EPA 624.1	Total Xylene	5260	TX
NPW	EPA 624.1	trans-1,2-Dichloroethylene	4700	TX
NPW	EPA 624.1	trans-1,3-Dichloropropylene	4685	TX
NPW	EPA 624.1	Trichloroethene (Trichloroethylene)	5170	TX
NPW	EPA 624.1	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175	TX
NPW	EPA 624.1	Vinyl chloride (Chloroethene)	5235	TX
NPW	EPA 625.1	1,2,4,5-Tetrachlorobenzene	6715	TX
NPW	EPA 625.1	1,2,4-Trichlorobenzene	5155	TX
NPW	EPA 625.1	1,2-Dichlorobenzene (o-	4610	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

		Dichlorobenzene)		
NPW	EPA 625.1	1,2-Diphenylhydrazine	6221	TX
NPW	EPA 625.1	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 625.1	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 625.1	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	TX
NPW	EPA 625.1	2,3,4,6-Tetrachlorophenol	6735	TX
NPW	EPA 625.1	2,4,5-Trichlorophenol	6835	TX
NPW	EPA 625.1	2,4,6-Trichlorophenol	6840	TX
NPW	EPA 625.1	2,4-Dichlorophenol	6000	TX
NPW	EPA 625.1	2,4-Dimethylphenol	6130	TX
NPW	EPA 625.1	2,4-Dinitrophenol	6175	TX
NPW	EPA 625.1	2,4-Dinitrotoluene (2,4-DNT)	6185	TX
NPW	EPA 625.1	2,6-Dinitrotoluene (2,6-DNT)	6190	TX
NPW	EPA 625.1	2-Chloronaphthalene	5795	TX
NPW	EPA 625.1	2-Chlorophenol	5800	TX
NPW	EPA 625.1	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	TX
NPW	EPA 625.1	2-Methylphenol (o-Cresol)	6400	TX
NPW	EPA 625.1	2-Nitrophenol	6490	TX
NPW	EPA 625.1	3,3'-Dichlorobenzidine	5945	TX
NPW	EPA 625.1	4,4'-DDD	7355	TX
NPW	EPA 625.1	4,4'-DDE	7360	TX
NPW	EPA 625.1	4,4'-DDT	7365	TX
NPW	EPA 625.1	4-Bromophenyl phenyl ether (BDE-3)	5660	TX
NPW	EPA 625.1	4-Chloro-3-methylphenol	5700	TX
NPW	EPA 625.1	4-Chlorophenyl phenylether	5825	TX
NPW	EPA 625.1	4-Methylphenol (p-Cresol)	6410	TX
NPW	EPA 625.1	4-Nitrophenol	6500	TX
NPW	EPA 625.1	Acenaphthene	5500	TX
NPW	EPA 625.1	Acenaphthylene	5505	TX
NPW	EPA 625.1	Aldrin	7025	TX
NPW	EPA 625.1	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
NPW	EPA 625.1	Anthracene	5555	TX
NPW	EPA 625.1	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 625.1	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 625.1	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 625.1	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 625.1	Aroclor-1248 (PCB-1248)	8900	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 625.1	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 625.1	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 625.1	Benzidine	5595	TX
NPW	EPA 625.1	Benzo(a)anthracene	5575	TX
NPW	EPA 625.1	Benzo(a)pyrene	5580	TX
NPW	EPA 625.1	Benzo(g,h,i)perylene	5590	TX
NPW	EPA 625.1	Benzo(k)fluoranthene	5600	TX
NPW	EPA 625.1	Benzo[b]fluoranthene	5585	TX
NPW	EPA 625.1	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 625.1	bis(2-Chloroethoxy)methane	5760	TX
NPW	EPA 625.1	bis(2-Chloroethyl) ether	5765	TX
NPW	EPA 625.1	Butyl benzyl phthalate	5670	TX
NPW	EPA 625.1	Chrysene	5855	TX
NPW	EPA 625.1	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 625.1	delta-BHC	7105	TX
NPW	EPA 625.1	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	TX
NPW	EPA 625.1	Di-n-butyl phthalate	5925	TX
NPW	EPA 625.1	Di-n-octyl phthalate	6200	TX
NPW	EPA 625.1	Dibenz(a,h) anthracene	5895	TX
NPW	EPA 625.1	Dieldrin	7470	TX
NPW	EPA 625.1	Diethyl phthalate	6070	TX
NPW	EPA 625.1	Dimethyl phthalate	6135	TX
NPW	EPA 625.1	Endosulfan I	7510	TX
NPW	EPA 625.1	Endosulfan II	7515	TX
NPW	EPA 625.1	Endosulfan sulfate	7520	TX
NPW	EPA 625.1	Endrin	7540	TX
NPW	EPA 625.1	Endrin aldehyde	7530	TX
NPW	EPA 625.1	Fluoranthene	6265	TX
NPW	EPA 625.1	Fluorene	6270	TX
NPW	EPA 625.1	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
NPW	EPA 625.1	gamma-Chlordane	7245	TX
NPW	EPA 625.1	Heptachlor	7685	TX
NPW	EPA 625.1	Heptachlor epoxide	7690	TX
NPW	EPA 625.1	Hexachlorobenzene	6275	TX
NPW	EPA 625.1	Hexachlorobutadiene	4835	TX
NPW	EPA 625.1	Hexachlorocyclopentadiene	6285	TX
NPW	EPA 625.1	Hexachloroethane	4840	TX
NPW	EPA 625.1	Indeno(1,2,3-cd) pyrene	6315	TX
NPW	EPA 625.1	Isophorone	6320	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 625.1	n-Nitroso-di-n-butylamine	5025	TX
NPW	EPA 625.1	n-Nitrosodi-n-propylamine	6545	TX
NPW	EPA 625.1	n-Nitrosodiethylamine	6525	TX
NPW	EPA 625.1	n-Nitrosodimethylamine	6530	TX
NPW	EPA 625.1	n-Nitrosodiphenylamine	6535	TX
NPW	EPA 625.1	Naphthalene	5005	TX
NPW	EPA 625.1	Nitrobenzene	5015	TX
NPW	EPA 625.1	Pentachlorobenzene	6590	TX
NPW	EPA 625.1	Pentachlorophenol	6605	TX
NPW	EPA 625.1	Phenanthrene	6615	TX
NPW	EPA 625.1	Phenol	6625	TX
NPW	EPA 625.1	Pyrene	6665	TX
NPW	EPA 625.1	Pyridine	5095	TX
NPW	EPA 625.1	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 632	Carbaryl (Sevin)	7195	TX
NPW	EPA 7196	Chromium (VI)	1045	TX
NPW	EPA 7470	Mercury	1095	TX
NPW	EPA 8015	Allyl alcohol	4350	TX
NPW	EPA 8015	Diesel Range Organics (DRO)	9369	TX
NPW	EPA 8015	Ethanol	4750	TX
NPW	EPA 8015	Ethylene glycol	4785	TX
NPW	EPA 8015	Gasoline Range Organics (GRO)	9408	TX
NPW	EPA 8015	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX
NPW	EPA 8015	Isopropyl alcohol (2-Propanol, Isopropanol)	4895	TX
NPW	EPA 8015	Methanol	4930	TX
NPW	EPA 8015	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
NPW	EPA 8015	n-Propanol (1-Propanol)	5055	TX
NPW	EPA 8015	Propylene Glycol	6657	TX
NPW	EPA 8081	4,4'-DDD	7355	TX
NPW	EPA 8081	4,4'-DDE	7360	TX
NPW	EPA 8081	4,4'-DDT	7365	TX
NPW	EPA 8081	Alachlor	7005	TX
NPW	EPA 8081	Aldrin	7025	TX
NPW	EPA 8081	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
NPW	EPA 8081	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 8081	Chlordane (tech.)	7250	TX
NPW	EPA 8081	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 8081	delta-BHC	7105	TX
NPW	EPA 8081	Dicofol	7460	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8081	Dieldrin	7470	TX
NPW	EPA 8081	Endosulfan I	7510	TX
NPW	EPA 8081	Endosulfan II	7515	TX
NPW	EPA 8081	Endosulfan sulfate	7520	TX
NPW	EPA 8081	Endrin	7540	TX
NPW	EPA 8081	Endrin aldehyde	7530	TX
NPW	EPA 8081	Endrin ketone	7535	TX
NPW	EPA 8081	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
NPW	EPA 8081	gamma-Chlordane	7245	TX
NPW	EPA 8081	Heptachlor	7685	TX
NPW	EPA 8081	Heptachlor epoxide	7690	TX
NPW	EPA 8081	Methoxychlor	7810	TX
NPW	EPA 8081	Mirex	7870	TX
NPW	EPA 8081	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 8082	2,2',3,4',5'-Pentachlorobiphenyl (BZ-97)	9154	TX
NPW	EPA 8082	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	9080	TX
NPW	EPA 8082	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9025	TX
NPW	EPA 8082	2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	8945	TX
NPW	EPA 8082	2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)	9035	TX
NPW	EPA 8082	2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	8980	TX
NPW	EPA 8082	2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	8955	TX
NPW	EPA 8082	2,2',5-Trichlorobiphenyl (BZ-18)	8930	TX
NPW	EPA 8082	2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	8960	TX
NPW	EPA 8082	2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	8990	TX
NPW	EPA 8082	2,3,3',4,5,5'-Hexachlorobiphenyl (BZ-159)	9196	TX
NPW	EPA 8082	2,3-Dichlorobiphenyl (BZ-5)	8920	TX
NPW	EPA 8082	2,4',5-Trichlorobiphenyl (BZ-31)	8940	TX
NPW	EPA 8082	2-Chlorobiphenyl (BZ-1)	8915	TX
NPW	EPA 8082	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 8082	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 8082	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 8082	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 8082	Aroclor-1248 (PCB-1248)	8900	TX
NPW	EPA 8082	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 8082	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 8082	Total PCBs	8870	TX
NPW	EPA 8260	1,1,1,2-Tetrachloroethane	5105	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8260	1,1,1-Trichloroethane	5160	TX
NPW	EPA 8260	1,1,2,2-Tetrachloroethane	5110	TX
NPW	EPA 8260	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	TX
NPW	EPA 8260	1,1,2-Trichloroethane	5165	TX
NPW	EPA 8260	1,1-Dichloroethane	4630	TX
NPW	EPA 8260	1,1-Dichloroethylene	4640	TX
NPW	EPA 8260	1,1-Dichloropropene	4670	TX
NPW	EPA 8260	1,2,3-Trichlorobenzene	5150	TX
NPW	EPA 8260	1,2,3-Trichloropropane	5180	TX
NPW	EPA 8260	1,2,4-Trichlorobenzene	5155	TX
NPW	EPA 8260	1,2,4-Trimethylbenzene	5210	TX
NPW	EPA 8260	1,2-Dibromo-3-chloropropane (DBCP)	4570	TX
NPW	EPA 8260	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	TX
NPW	EPA 8260	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
NPW	EPA 8260	1,2-Dichloroethane (Ethylene dichloride)	4635	TX
NPW	EPA 8260	1,2-Dichloropropane	4655	TX
NPW	EPA 8260	1,3,5-Trimethylbenzene	5215	TX
NPW	EPA 8260	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 8260	1,3-Dichloropropane	4660	TX
NPW	EPA 8260	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 8260	1,4-Dioxane (1,4- Diethyleneoxide)	4735	TX
NPW	EPA 8260	1-Chlorohexane	4510	TX
NPW	EPA 8260	2,2-Dichloropropane	4665	TX
NPW	EPA 8260	2-Butanone (Methyl ethyl ketone, MEK)	4410	TX
NPW	EPA 8260	2-Chloroethyl vinyl ether	4500	TX
NPW	EPA 8260	2-Chlorotoluene	4535	TX
NPW	EPA 8260	2-Hexanone	4860	TX
NPW	EPA 8260	2-Nitropropane	5020	TX
NPW	EPA 8260	4-Chlorotoluene	4540	TX
NPW	EPA 8260	4-Isopropyltoluene (p-Cymene)	4910	TX
NPW	EPA 8260	4-Methyl-2-pentanone (MIBK)	4995	TX
NPW	EPA 8260	Acetone	4315	TX
NPW	EPA 8260	Acetonitrile	4320	TX
NPW	EPA 8260	Acrolein (Propenal)	4325	TX
NPW	EPA 8260	Acrylonitrile	4340	TX
NPW	EPA 8260	Allyl chloride (3-Chloropropene)	4355	TX
NPW	EPA 8260	Benzene	4375	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8260	Benzyl chloride	5635	TX
NPW	EPA 8260	Bromobenzene	4385	TX
NPW	EPA 8260	Bromochloromethane	4390	TX
NPW	EPA 8260	Bromodichloromethane	4395	TX
NPW	EPA 8260	Bromoform	4400	TX
NPW	EPA 8260	Carbon disulfide	4450	TX
NPW	EPA 8260	Carbon tetrachloride	4455	TX
NPW	EPA 8260	Chlorobenzene	4475	TX
NPW	EPA 8260	Chlorodibromomethane	4575	TX
NPW	EPA 8260	Chloroethane (Ethyl chloride)	4485	TX
NPW	EPA 8260	Chloroform	4505	TX
NPW	EPA 8260	Chloroprene (2-Chloro-1,3-butadiene)	4525	TX
NPW	EPA 8260	cis-1,2-Dichloroethylene	4645	TX
NPW	EPA 8260	cis-1,3-Dichloropropene	4680	TX
NPW	EPA 8260	cis-1,4-Dichloro-2-butene	4600	TX
NPW	EPA 8260	Di-isopropylether (DIPE)	9375	TX
NPW	EPA 8260	Dibromofluoromethane	4590	TX
NPW	EPA 8260	Dibromomethane (Methylene bromide)	4595	TX
NPW	EPA 8260	Dichlorodifluoromethane (Freon-12)	4625	TX
NPW	EPA 8260	Diethyl ether	4725	TX
NPW	EPA 8260	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	4745	TX
NPW	EPA 8260	Ethyl acetate	4755	TX
NPW	EPA 8260	Ethyl methacrylate	4810	TX
NPW	EPA 8260	Ethyl-t-butylether (ETBE) (2-Ethoxy-2-methylpropane)	4770	TX
NPW	EPA 8260	Ethylbenzene	4765	TX
NPW	EPA 8260	Ethylene oxide	4795	TX
NPW	EPA 8260	Hexachlorobutadiene	4835	TX
NPW	EPA 8260	Iodomethane (Methyl iodide)	4870	TX
NPW	EPA 8260	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX
NPW	EPA 8260	Isopropyl alcohol (2-Propanol, Isopropanol)	4895	TX
NPW	EPA 8260	Isopropylbenzene	4900	TX
NPW	EPA 8260	m+p-xylene	5240	TX
NPW	EPA 8260	Methacrylonitrile	4925	TX
NPW	EPA 8260	Methyl acetate	4940	TX
NPW	EPA 8260	Methyl bromide (Bromomethane)	4950	TX
NPW	EPA 8260	Methyl chloride (Chloromethane)	4960	TX
NPW	EPA 8260	Methyl methacrylate	4990	TX
NPW	EPA 8260	Methyl tert-butyl ether (MTBE)	5000	TX
NPW	EPA 8260	Methylcyclohexane	4965	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8260	Methylene chloride (Dichloromethane)	4975	TX
NPW	EPA 8260	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
NPW	EPA 8260	n-Butylbenzene	4435	TX
NPW	EPA 8260	n-Propylbenzene	5090	TX
NPW	EPA 8260	Naphthalene	5005	TX
NPW	EPA 8260	o-Xylene	5250	TX
NPW	EPA 8260	Propionitrile (Ethyl cyanide)	5080	TX
NPW	EPA 8260	sec-Butylbenzene	4440	TX
NPW	EPA 8260	Styrene	5100	TX
NPW	EPA 8260	tert-amyl methyl ether (TAME)	4370	TX
NPW	EPA 8260	tert-Butyl alcohol (2-Methyl-2-Propanol)	4420	TX
NPW	EPA 8260	tert-Butylbenzene	4445	TX
NPW	EPA 8260	Tetrachloroethylene (Perchloroethylene)	5115	TX
NPW	EPA 8260	Toluene	5140	TX
NPW	EPA 8260	Total Trihalomethanes (TTHMs)	5205	TX
NPW	EPA 8260	Total Xylene	5260	TX
NPW	EPA 8260	trans-1,2-Dichloroethylene	4700	TX
NPW	EPA 8260	trans-1,3-Dichloropropylene	4685	TX
NPW	EPA 8260	trans-1,4-Dichloro-2-butene	4605	TX
NPW	EPA 8260	Trichloroethene (Trichloroethylene)	5170	TX
NPW	EPA 8260	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175	TX
NPW	EPA 8260	Vinyl acetate	5225	TX
NPW	EPA 8260	Vinyl chloride (Chloroethene)	5235	TX
NPW	EPA 8270	1,2,4,5-Tetrachlorobenzene	6715	TX
NPW	EPA 8270	1,2,4-Trichlorobenzene	5155	TX
NPW	EPA 8270	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
NPW	EPA 8270	1,2-Diphenylhydrazine	6220	TX
NPW	EPA 8270	1,3,5-trinitrobenzene (1,3,5-TNB)	9648	TX
NPW	EPA 8270	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
NPW	EPA 8270	1,3-Dinitrobenzene (1,3-DNB)	6160	TX
NPW	EPA 8270	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
NPW	EPA 8270	1,4-Naphthoquinone	6420	TX
NPW	EPA 8270	1,4-Phenylenediamine	6630	TX
NPW	EPA 8270	1-Chloronaphthalene	5790	TX
NPW	EPA 8270	1-Naphthylamine	6425	TX
NPW	EPA 8270	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	TX
NPW	EPA 8270	2,3,4,6-Tetrachlorophenol	6735	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8270	2,4,5-Trichlorophenol	6835	TX
NPW	EPA 8270	2,4,6-Trichlorophenol	6840	TX
NPW	EPA 8270	2,4-Dichlorophenol	6000	TX
NPW	EPA 8270	2,4-Dimethylphenol	6130	TX
NPW	EPA 8270	2,4-Dinitrophenol	6175	TX
NPW	EPA 8270	2,4-Dinitrotoluene (2,4-DNT)	6185	TX
NPW	EPA 8270	2,6-Dichlorophenol	6005	TX
NPW	EPA 8270	2,6-Dinitrotoluene (2,6-DNT)	6190	TX
NPW	EPA 8270	2-Acetylaminofluorene	5515	TX
NPW	EPA 8270	2-Chloronaphthalene	5795	TX
NPW	EPA 8270	2-Chlorophenol	5800	TX
NPW	EPA 8270	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	TX
NPW	EPA 8270	2-Methylaniline (o-Toluidine)	5145	TX
NPW	EPA 8270	2-Methylnaphthalene	6385	TX
NPW	EPA 8270	2-Methylphenol (o-Cresol)	6400	TX
NPW	EPA 8270	2-Naphthylamine	6430	TX
NPW	EPA 8270	2-Nitroaniline	6460	TX
NPW	EPA 8270	2-Nitrophenol	6490	TX
NPW	EPA 8270	2-Picoline (2-Methylpyridine)	5050	TX
NPW	EPA 8270	3,3'-Dichlorobenzidine	5945	TX
NPW	EPA 8270	3,3'-Dimethylbenzidine	6120	TX
NPW	EPA 8270	3-Methylcholanthrene	5781	TX
NPW	EPA 8270	3-Methylphenol (m-Cresol)	6405	TX
NPW	EPA 8270	3-Nitroaniline	6465	TX
NPW	EPA 8270	4,4'-DDD	7355	TX
NPW	EPA 8270	4,4'-DDE	7360	TX
NPW	EPA 8270	4,4'-DDT	7365	TX
NPW	EPA 8270	4-Aminobiphenyl	5540	TX
NPW	EPA 8270	4-Bromophenyl phenyl ether (BDE-3)	5660	TX
NPW	EPA 8270	4-Chloro-3-methylphenol	5700	TX
NPW	EPA 8270	4-Chloroaniline	5745	TX
NPW	EPA 8270	4-Chlorophenyl phenylether	5825	TX
NPW	EPA 8270	4-Dimethyl aminoazobenzene	6105	TX
NPW	EPA 8270	4-Methylphenol (p-Cresol)	6410	TX
NPW	EPA 8270	4-Nitroaniline	6470	TX
NPW	EPA 8270	4-Nitrophenol	6500	TX
NPW	EPA 8270	5-Nitro-o-toluidine	6570	TX
NPW	EPA 8270	7,12-Dimethylbenz(a)anthracene	6115	TX
NPW	EPA 8270	Acenaphthene	5500	TX
NPW	EPA 8270	Acenaphthylene	5505	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8270	Acetophenone	5510	TX
NPW	EPA 8270	Aldrin	7025	TX
NPW	EPA 8270	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
NPW	EPA 8270	Aniline	5545	TX
NPW	EPA 8270	Anthracene	5555	TX
NPW	EPA 8270	Aroclor-1016 (PCB-1016)	8880	TX
NPW	EPA 8270	Aroclor-1221 (PCB-1221)	8885	TX
NPW	EPA 8270	Aroclor-1232 (PCB-1232)	8890	TX
NPW	EPA 8270	Aroclor-1242 (PCB-1242)	8895	TX
NPW	EPA 8270	Aroclor-1248 (PCB-1248)	8900	TX
NPW	EPA 8270	Aroclor-1254 (PCB-1254)	8905	TX
NPW	EPA 8270	Aroclor-1260 (PCB-1260)	8910	TX
NPW	EPA 8270	Atrazine	7065	TX
NPW	EPA 8270	Azinphos-methyl (Guthion)	7075	TX
NPW	EPA 8270	Azobenzene (Diphenyldiazene)	5562	TX
NPW	EPA 8270	Benzidine	5595	TX
NPW	EPA 8270	Benzo(a)anthracene	5575	TX
NPW	EPA 8270	Benzo(a)pyrene	5580	TX
NPW	EPA 8270	Benzo(g,h,i)perylene	5590	TX
NPW	EPA 8270	Benzo(k)fluoranthene	5600	TX
NPW	EPA 8270	Benzoic acid	5610	TX
NPW	EPA 8270	Benzo[b]fluoranthene	5585	TX
NPW	EPA 8270	Benzyl alcohol	5630	TX
NPW	EPA 8270	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
NPW	EPA 8270	Biphenyl	5640	TX
NPW	EPA 8270	bis(2-Chloroethoxy)methane	5760	TX
NPW	EPA 8270	bis(2-Chloroethyl) ether	5765	TX
NPW	EPA 8270	Butyl benzyl phthalate	5670	TX
NPW	EPA 8270	Caprolactam	7180	TX
NPW	EPA 8270	Carbaryl (Sevin)	7195	TX
NPW	EPA 8270	Carbazole	5680	TX
NPW	EPA 8270	Chlordane (tech.)	7250	TX
NPW	EPA 8270	Chlorfenvinphos	7255	TX
NPW	EPA 8270	Chlorobenzilate	7260	TX
NPW	EPA 8270	Chrysene	5855	TX
NPW	EPA 8270	cis-Chlordane (alpha-Chlordane)	7240	TX
NPW	EPA 8270	Coumaphos	7315	TX
NPW	EPA 8270	delta-BHC	7105	TX
NPW	EPA 8270	Demeton	7390	TX
NPW	EPA 8270	Demeton-o	7395	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8270	Demeton-s	7385	TX
NPW	EPA 8270	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	TX
NPW	EPA 8270	Di-n-butyl phthalate	5925	TX
NPW	EPA 8270	Di-n-octyl phthalate	6200	TX
NPW	EPA 8270	Diallate	7405	TX
NPW	EPA 8270	Dibenz(a,h) anthracene	5895	TX
NPW	EPA 8270	Dibenzo(a,e) pyrene	5890	TX
NPW	EPA 8270	Dibenzofuran	5905	TX
NPW	EPA 8270	Dichlorvos (DDVP)	8610	TX
NPW	EPA 8270	Dieldrin	7470	TX
NPW	EPA 8270	Diethyl phthalate	6070	TX
NPW	EPA 8270	Dimethoate	7475	TX
NPW	EPA 8270	Dimethyl phthalate	6135	TX
NPW	EPA 8270	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
NPW	EPA 8270	Diphenylamine	6205	TX
NPW	EPA 8270	Disulfoton	8625	TX
NPW	EPA 8270	Endosulfan I	7510	TX
NPW	EPA 8270	Endosulfan II	7515	TX
NPW	EPA 8270	Endosulfan sulfate	7520	TX
NPW	EPA 8270	Endrin	7540	TX
NPW	EPA 8270	Endrin aldehyde	7530	TX
NPW	EPA 8270	Endrin ketone	7535	TX
NPW	EPA 8270	EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	7550	TX
NPW	EPA 8270	Ethyl methanesulfonate	6260	TX
NPW	EPA 8270	Famphur	7580	TX
NPW	EPA 8270	Fensulfothion	7600	TX
NPW	EPA 8270	Fenthion	7605	TX
NPW	EPA 8270	Fluoranthene	6265	TX
NPW	EPA 8270	Fluorene	6270	TX
NPW	EPA 8270	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
NPW	EPA 8270	gamma-Chlordane	7245	TX
NPW	EPA 8270	Heptachlor	7685	TX
NPW	EPA 8270	Heptachlor epoxide	7690	TX
NPW	EPA 8270	Hexachlorobenzene	6275	TX
NPW	EPA 8270	Hexachlorobutadiene	4835	TX
NPW	EPA 8270	Hexachlorocyclopentadiene	6285	TX
NPW	EPA 8270	Hexachloroethane	4840	TX
NPW	EPA 8270	Hexachlorophene	6290	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8270	Hexachloropropene	6295	TX
NPW	EPA 8270	Indeno(1,2,3-cd) pyrene	6315	TX
NPW	EPA 8270	Isodrin	7725	TX
NPW	EPA 8270	Isophorone	6320	TX
NPW	EPA 8270	Isosafrole	6325	TX
NPW	EPA 8270	Kepone	7740	TX
NPW	EPA 8270	Malathion	7770	TX
NPW	EPA 8270	Methapyrilene	6345	TX
NPW	EPA 8270	Methoxychlor	7810	TX
NPW	EPA 8270	Methyl methanesulfonate	6375	TX
NPW	EPA 8270	Methyl parathion (Parathion, methyl)	7825	TX
NPW	EPA 8270	Mevinphos	7850	TX
NPW	EPA 8270	Monocrotophos	7880	TX
NPW	EPA 8270	n-Nitroso-di-n-butylamine	5025	TX
NPW	EPA 8270	n-Nitrosodi-n-propylamine	6545	TX
NPW	EPA 8270	n-Nitrosodiethylamine	6525	TX
NPW	EPA 8270	n-Nitrosodimethylamine	6530	TX
NPW	EPA 8270	n-Nitrosodiphenylamine	6535	TX
NPW	EPA 8270	n-Nitrosomethylethylamine	6550	TX
NPW	EPA 8270	n-Nitrosomorpholine	6555	TX
NPW	EPA 8270	n-Nitrosopiperidine	6560	TX
NPW	EPA 8270	n-Nitrosopyrrolidine	6565	TX
NPW	EPA 8270	Naled	7905	TX
NPW	EPA 8270	Naphthalene	5005	TX
NPW	EPA 8270	Nitrobenzene	5015	TX
NPW	EPA 8270	o,o,o-Triethyl phosphorothioate	8290	TX
NPW	EPA 8270	Parathion, ethyl	7955	TX
NPW	EPA 8270	Pentachlorobenzene	6590	TX
NPW	EPA 8270	Pentachloronitrobenzene	6600	TX
NPW	EPA 8270	Pentachlorophenol	6605	TX
NPW	EPA 8270	Phenacetin	6610	TX
NPW	EPA 8270	Phenanthrene	6615	TX
NPW	EPA 8270	Phenol	6625	TX
NPW	EPA 8270	Phorate	7985	TX
NPW	EPA 8270	Phthalic anhydride	6640	TX
NPW	EPA 8270	Pronamide (Kerb)	6650	TX
NPW	EPA 8270	Pyrene	6665	TX
NPW	EPA 8270	Pyridine	5095	TX
NPW	EPA 8270	Quinoline	6670	TX
NPW	EPA 8270	Resorcinol	6680	TX
NPW	EPA 8270	Safrole	6685	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	EPA 8270	Strychnine	6695	TX
NPW	EPA 8270	Sulfotep (Tetraethyl dithiopyrophosphate)	8155	TX
NPW	EPA 8270	Tetrachlorvinphos (Stirophos, Gardona) E-isomer	8197	TX
NPW	EPA 8270	Thionazin (Zinophos)	8235	TX
NPW	EPA 8270	Toxaphene (Chlorinated Camphene)	8250	TX
NPW	EPA 8321	2,4,5-T	8655	TX
NPW	EPA 8321	2,4-D	8545	TX
NPW	EPA 8321	2,4-DB	8560	TX
NPW	EPA 8321	Dalapon	8555	TX
NPW	EPA 8321	Dicamba	8595	TX
NPW	EPA 8321	Dichlorprop	8605	TX
NPW	EPA 8321	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
NPW	EPA 8321	MCPA	7775	TX
NPW	EPA 8321	MCPPP	7780	TX
NPW	EPA 8321	Silvex (2,4,5-TP)	8650	TX
NPW	EPA 9012	Amenable Cyanide	1510	TX
NPW	EPA 9012	Total Cyanide	1645	TX
NPW	EPA 9040	pH	1900	TX
NPW	EPA 9050	Conductivity	1610	TX
NPW	EPA 9056	Bromide	1540	TX
NPW	EPA 9056	Chloride	1575	TX
NPW	EPA 9056	Fluoride	1730	TX
NPW	EPA 9056	Nitrate as N	1810	TX
NPW	EPA 9056	Nitrate plus Nitrite as N	1820	TX
NPW	EPA 9056	Nitrite as N	1840	TX
NPW	EPA 9056	Sulfate	2000	TX
NPW	EPA 9060	Total Organic Carbon (TOC)	2040	TX
NPW	EPA 9066	Total Phenolics	1905	TX
NPW	EPA 9251	Chloride	1575	TX
NPW	EPA RSK 175	Ethane	4747	TX
NPW	EPA RSK 175	Ethene	4752	TX
NPW	EPA RSK 175	Methane	4926	TX
NPW	EPA RSK 175	n-Butane	5007	TX
NPW	EPA RSK 175	n-Propane	5029	TX
NPW	HACH 8000	Chemical Oxygen Demand (COD)	1565	TX
NPW	IDNR OA-2	Extractable Total Petroleum Hydrocarbons	6241	TX
NPW	Kelada-01	Cyanide	1635	TX
NPW	SM 2120 B	Color	1605	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

NPW	SM 2130 B	Turbidity	2055	TX
NPW	SM 2320 B	Alkalinity as CaCO ₃	1505	TX
NPW	SM 2340 B	Total hardness as CaCO ₃	1755	TX
NPW	SM 2510 B	Conductivity	1610	TX
NPW	SM 2540 B	Residue-total (TS)	1950	TX
NPW	SM 2540 C	Residue-filterable (TDS)	1955	TX
NPW	SM 2540 D	Residue-nonfilterable (TSS)	1960	TX
NPW	SM 3500-Cr B	Chromium (VI)	1045	TX
NPW	SM 4500-Cl E	Chloride	1575	TX
NPW	SM 4500-Cl G	Total Residual Chlorine	1940	TX
NPW	SM 4500-CN ⁻ G	Amenable Cyanide	1510	TX
NPW	SM 4500-H ⁺ B	pH	1900	TX
NPW	SM 4500-S ²⁻ D	Sulfide	2005	TX
NPW	SM 4500-S ²⁻ F	Sulfide	2005	TX
NPW	SM 4500-SO ₃ ⁻ B	Sulfite-SO ₃	2015	TX
NPW	SM 5210 B	Biochemical Oxygen Demand (BOD)	1530	TX
NPW	SM 5210 B	Carbonaceous BOD (CBOD)	1555	TX
NPW	SM 5310 B	Total Organic Carbon (TOC)	2040	TX
NPW	SM 5310 C	Total Organic Carbon (TOC)	2040	TX
NPW	SM 5540 C	Surfactants - MBAS	2025	TX
NPW	TNRCC 1005	Total Petroleum Hydrocarbons (TPH)	2050	TX
S	ASTM D2216	Percent Moisture	8641	TX
S	EPA 1010	Ignitability	1780	TX
S	EPA 1311	Toxicity Characteristic Leaching Procedure (TCLP)	1466	TX
S	EPA 1312	Synthetic Precipitation Leaching Procedure (SPLP)	1460	TX
S	EPA 300.0	Bromide	1540	TX
S	EPA 300.0	Chloride	1575	TX
S	EPA 300.0	Fluoride	1730	TX
S	EPA 300.0	Nitrate as N	1810	TX
S	EPA 300.0	Nitrate plus Nitrite as N	1820	TX
S	EPA 300.0	Nitrite as N	1840	TX
S	EPA 300.0	Sulfate	2000	TX
S	EPA 350.1	Ammonia as N	1515	TX
S	EPA 353.2	Nitrate plus Nitrite as N	1820	TX
S	EPA 353.2	Nitrite as N	1840	TX
S	EPA 6010	Aluminum	1000	TX
S	EPA 6010	Antimony	1005	TX
S	EPA 6010	Arsenic	1010	TX
S	EPA 6010	Barium	1015	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 6010	Beryllium	1020	TX
S	EPA 6010	Boron	1025	TX
S	EPA 6010	Cadmium	1030	TX
S	EPA 6010	Calcium	1035	TX
S	EPA 6010	Chromium	1040	TX
S	EPA 6010	Cobalt	1050	TX
S	EPA 6010	Copper	1055	TX
S	EPA 6010	Iron	1070	TX
S	EPA 6010	Lead	1075	TX
S	EPA 6010	Lithium	1080	TX
S	EPA 6010	Magnesium	1085	TX
S	EPA 6010	Manganese	1090	TX
S	EPA 6010	Molybdenum	1100	TX
S	EPA 6010	Nickel	1105	TX
S	EPA 6010	Potassium	1125	TX
S	EPA 6010	Selenium	1140	TX
S	EPA 6010	Silica as SiO ₂	1990	TX
S	EPA 6010	Silver	1150	TX
S	EPA 6010	Sodium	1155	TX
S	EPA 6010	Strontium	1160	TX
S	EPA 6010	Thallium	1165	TX
S	EPA 6010	Tin	1175	TX
S	EPA 6010	Titanium	1180	TX
S	EPA 6010	Total Phosphorus	1910	TX
S	EPA 6010	Vanadium	1185	TX
S	EPA 6010	Zinc	1190	TX
S	EPA 6020	Aluminum	1000	TX
S	EPA 6020	Antimony	1005	TX
S	EPA 6020	Arsenic	1010	TX
S	EPA 6020	Barium	1015	TX
S	EPA 6020	Beryllium	1020	TX
S	EPA 6020	Boron	1025	TX
S	EPA 6020	Cadmium	1030	TX
S	EPA 6020	Calcium	1035	TX
S	EPA 6020	Chromium	1040	TX
S	EPA 6020	Cobalt	1050	TX
S	EPA 6020	Copper	1055	TX
S	EPA 6020	Iron	1070	TX
S	EPA 6020	Lead	1075	TX
S	EPA 6020	Magnesium	1085	TX
S	EPA 6020	Manganese	1090	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 6020	Molybdenum	1100	TX
S	EPA 6020	Nickel	1105	TX
S	EPA 6020	Potassium	1125	TX
S	EPA 6020	Selenium	1140	TX
S	EPA 6020	Silver	1150	TX
S	EPA 6020	Sodium	1155	TX
S	EPA 6020	Strontium	1160	TX
S	EPA 6020	Thallium	1165	TX
S	EPA 6020	Tin	1175	TX
S	EPA 6020	Titanium	1180	TX
S	EPA 6020	Vanadium	1185	TX
S	EPA 6020	Zinc	1190	TX
S	EPA 7196	Chromium (VI)	1045	TX
S	EPA 7470	Mercury	1095	TX
S	EPA 7471	Mercury	1095	TX
S	EPA 8015	Allyl alcohol	4350	TX
S	EPA 8015	Diesel Range Organics (DRO)	9369	TX
S	EPA 8015	Ethanol	4750	TX
S	EPA 8015	Ethylene glycol	4785	TX
S	EPA 8015	Gasoline Range Organics (GRO)	9408	TX
S	EPA 8015	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX
S	EPA 8015	Isopropyl alcohol (2-Propanol, Isopropanol)	4895	TX
S	EPA 8015	Methanol	4930	TX
S	EPA 8015	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
S	EPA 8015	n-Propanol (1-Propanol)	5055	TX
S	EPA 8015	Propylene Glycol	6657	TX
S	EPA 8081	4,4'-DDD	7355	TX
S	EPA 8081	4,4'-DDE	7360	TX
S	EPA 8081	4,4'-DDT	7365	TX
S	EPA 8081	Alachlor	7005	TX
S	EPA 8081	Aldrin	7025	TX
S	EPA 8081	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
S	EPA 8081	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
S	EPA 8081	Chlordane (tech.)	7250	TX
S	EPA 8081	cis-Chlordane (alpha-Chlordane)	7240	TX
S	EPA 8081	DDD,Total *	10314	TX
S	EPA 8081	DDE,Total *	10315	TX
S	EPA 8081	DDT	7370	TX
S	EPA 8081	delta-BHC	7105	TX

S	EPA 8081	Dieldrin	7470	TX
S	EPA 8081	Endosulfan I	7510	TX
S	EPA 8081	Endosulfan II	7515	TX
S	EPA 8081	Endosulfan sulfate	7520	TX
S	EPA 8081	Endrin	7540	TX
S	EPA 8081	Endrin aldehyde	7530	TX
S	EPA 8081	Endrin ketone	7535	TX
S	EPA 8081	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
S	EPA 8081	gamma-Chlordane	7245	TX
S	EPA 8081	Heptachlor	7685	TX
S	EPA 8081	Heptachlor epoxide	7690	TX
S	EPA 8081	Methoxychlor	7810	TX
S	EPA 8081	Toxaphene (Chlorinated Camphene)	8250	TX
S	EPA 8082	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (BZ-206)	9095	TX
S	EPA 8082	2,2',3,3',4,4',5-Heptachlorobiphenyl (BZ-170)	9065	TX
S	EPA 8082	2,2',3,4',5,5',6-Heptachlorobiphenyl (BZ-187)	9080	TX
S	EPA 8082	2,2',3,4,4',5',6-Heptachlorobiphenyl (BZ-183)	9075	TX
S	EPA 8082	2,2',3,4,4',5'-Hexachlorobiphenyl (BZ-138)	9025	TX
S	EPA 8082	2,2',3,4,4',5,5'-Heptachlorobiphenyl (BZ-180)	9134	TX
S	EPA 8082	2,2',3,4,5'-Pentachlorobiphenyl (BZ-87)	8975	TX
S	EPA 8082	2,2',3,4,5,5'-Hexachlorobiphenyl (BZ-141)	9030	TX
S	EPA 8082	2,2',3,5'-Tetrachlorobiphenyl (BZ-44)	8945	TX
S	EPA 8082	2,2',3,5,5',6-Hexachlorobiphenyl (BZ-151)	9035	TX
S	EPA 8082	2,2',4,4',5,5'-Hexachlorobiphenyl (BZ-153)	9040	TX
S	EPA 8082	2,2',4,5,5'-Pentachlorobiphenyl (BZ-101)	8980	TX
S	EPA 8082	2,2',5,5'-Tetrachlorobiphenyl (BZ-52)	8955	TX
S	EPA 8082	2,2',5-Trichlorobiphenyl (BZ-18)	8930	TX
S	EPA 8082	2,3',4,4'-Tetrachlorobiphenyl (BZ-66)	8960	TX
S	EPA 8082	2,3,3',4',6-Pentachlorobiphenyl (BZ-110)	8990	TX
S	EPA 8082	2,3-Dichlorobiphenyl (BZ-5)	8920	TX
S	EPA 8082	2,4',5-Trichlorobiphenyl (BZ-31)	8940	TX
S	EPA 8082	2-Chlorobiphenyl (BZ-1)	8915	TX
S	EPA 8082	Aroclor-1016 (PCB-1016)	8880	TX
S	EPA 8082	Aroclor-1221 (PCB-1221)	8885	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 8082	Aroclor-1232 (PCB-1232)	8890	TX
S	EPA 8082	Aroclor-1242 (PCB-1242)	8895	TX
S	EPA 8082	Aroclor-1248 (PCB-1248)	8900	TX
S	EPA 8082	Aroclor-1254 (PCB-1254)	8905	TX
S	EPA 8082	Aroclor-1260 (PCB-1260)	8910	TX
S	EPA 8082	Total PCBs	8870	TX
S	EPA 8260	1,1,1,2-Tetrachloroethane	5105	TX
S	EPA 8260	1,1,1-Trichloroethane	5160	TX
S	EPA 8260	1,1,2,2-Tetrachloroethane	5110	TX
S	EPA 8260	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5185	TX
S	EPA 8260	1,1,2-Trichloroethane	5165	TX
S	EPA 8260	1,1-Dichloroethane	4630	TX
S	EPA 8260	1,1-Dichloroethylene	4640	TX
S	EPA 8260	1,1-Dichloropropene	4670	TX
S	EPA 8260	1,2,3-Trichlorobenzene	5150	TX
S	EPA 8260	1,2,3-Trichloropropane	5180	TX
S	EPA 8260	1,2,4-Trichlorobenzene	5155	TX
S	EPA 8260	1,2,4-Trimethylbenzene	5210	TX
S	EPA 8260	1,2-Dibromo-3-chloropropane (DBCP)	4570	TX
S	EPA 8260	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	TX
S	EPA 8260	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
S	EPA 8260	1,2-Dichloroethane (Ethylene dichloride)	4635	TX
S	EPA 8260	1,2-Dichloropropane	4655	TX
S	EPA 8260	1,3,5-Trimethylbenzene	5215	TX
S	EPA 8260	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
S	EPA 8260	1,3-Dichloropropane	4660	TX
S	EPA 8260	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
S	EPA 8260	1,4-Dioxane (1,4-Diethyleneoxide)	4735	TX
S	EPA 8260	1-Chlorohexane	4510	TX
S	EPA 8260	2,2-Dichloropropane	4665	TX
S	EPA 8260	2-Butanone (Methyl ethyl ketone, MEK)	4410	TX
S	EPA 8260	2-Chloroethyl vinyl ether	4500	TX
S	EPA 8260	2-Chlorotoluene	4535	TX
S	EPA 8260	2-Hexanone	4860	TX
S	EPA 8260	4-Chlorotoluene	4540	TX
S	EPA 8260	4-Isopropyltoluene (p-Cymene)	4910	TX
S	EPA 8260	4-Methyl-2-pentanone (MIBK)	4995	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 8260	Acetone	4315	TX
S	EPA 8260	Acetonitrile	4320	TX
S	EPA 8260	Acrolein (Propenal)	4325	TX
S	EPA 8260	Acrylonitrile	4340	TX
S	EPA 8260	Allyl chloride (3-Chloropropene)	4355	TX
S	EPA 8260	Benzene	4375	TX
S	EPA 8260	Bromobenzene	4385	TX
S	EPA 8260	Bromochloromethane	4390	TX
S	EPA 8260	Bromodichloromethane	4395	TX
S	EPA 8260	Bromoform	4400	TX
S	EPA 8260	Carbon disulfide	4450	TX
S	EPA 8260	Carbon tetrachloride	4455	TX
S	EPA 8260	Chlorobenzene	4475	TX
S	EPA 8260	Chlorodibromomethane	4575	TX
S	EPA 8260	Chloroethane (Ethyl chloride)	4485	TX
S	EPA 8260	Chloroform	4505	TX
S	EPA 8260	Chloroprene (2-Chloro-1,3-butadiene)	4525	TX
S	EPA 8260	cis-1,2-Dichloroethylene	4645	TX
S	EPA 8260	cis-1,3-Dichloropropene	4680	TX
S	EPA 8260	cis-1,4-Dichloro-2-butene	4600	TX
S	EPA 8260	Dibromomethane (Methylene bromide)	4595	TX
S	EPA 8260	Dichlorodifluoromethane (Freon-12)	4625	TX
S	EPA 8260	Diethyl ether	4725	TX
S	EPA 8260	Epichlorohydrin (1-Chloro-2,3-epoxypropane)	4745	TX
S	EPA 8260	Ethyl methacrylate	4810	TX
S	EPA 8260	Ethylbenzene	4765	TX
S	EPA 8260	Ethylene oxide	4795	TX
S	EPA 8260	Hexachlorobutadiene	4835	TX
S	EPA 8260	Iodomethane (Methyl iodide)	4870	TX
S	EPA 8260	Isobutyl alcohol (2-Methyl-1-propanol)	4875	TX
S	EPA 8260	Isopropylbenzene	4900	TX
S	EPA 8260	m+p-xylene	5240	TX
S	EPA 8260	Methacrylonitrile	4925	TX
S	EPA 8260	Methyl acetate	4940	TX
S	EPA 8260	Methyl bromide (Bromomethane)	4950	TX
S	EPA 8260	Methyl chloride (Chloromethane)	4960	TX
S	EPA 8260	Methyl methacrylate	4990	TX
S	EPA 8260	Methyl tert-butyl ether (MTBE)	5000	TX
S	EPA 8260	Methylcyclohexane	4965	TX
S	EPA 8260	Methylene chloride (Dichloromethane)	4975	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 8260	n-Butyl alcohol (1-Butanol, n-Butanol)	4425	TX
S	EPA 8260	n-Butylbenzene	4435	TX
S	EPA 8260	n-Propylbenzene	5090	TX
S	EPA 8260	Naphthalene	5005	TX
S	EPA 8260	o-Xylene	5250	TX
S	EPA 8260	sec-Butylbenzene	4440	TX
S	EPA 8260	Styrene	5100	TX
S	EPA 8260	tert-Butyl alcohol (2-Methyl-2-Propanol)	4420	TX
S	EPA 8260	tert-Butylbenzene	4445	TX
S	EPA 8260	Tetrachloroethylene (Perchloroethylene)	5115	TX
S	EPA 8260	Toluene	5140	TX
S	EPA 8260	Total Xylene	5260	TX
S	EPA 8260	trans-1,2-Dichloroethylene	4700	TX
S	EPA 8260	trans-1,3-Dichloropropylene	4685	TX
S	EPA 8260	trans-1,4-Dichloro-2-butene	4605	TX
S	EPA 8260	Trichloroethene (Trichloroethylene)	5170	TX
S	EPA 8260	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	5175	TX
S	EPA 8260	Vinyl acetate	5225	TX
S	EPA 8260	Vinyl chloride (Chloroethene)	5235	TX
S	EPA 8270	1,2,4,5-Tetrachlorobenzene	6715	TX
S	EPA 8270	1,2,4-Trichlorobenzene	5155	TX
S	EPA 8270	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	TX
S	EPA 8270	1,2-Diphenylhydrazine	6220	TX
S	EPA 8270	1,3-Dichlorobenzene (m-Dichlorobenzene)	4615	TX
S	EPA 8270	1,3-Dinitrobenzene (1,3-DNB)	6160	TX
S	EPA 8270	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	TX
S	EPA 8270	1,4-Phenylenediamine	6630	TX
S	EPA 8270	1-Chloronaphthalene	5790	TX
S	EPA 8270	1-Naphthylamine	6425	TX
S	EPA 8270	2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	4659	TX
S	EPA 8270	2,3,4,6-Tetrachlorophenol	6735	TX
S	EPA 8270	2,4,5-Trichlorophenol	6835	TX
S	EPA 8270	2,4,6-Trichlorophenol	6840	TX
S	EPA 8270	2,4-Dichlorophenol	6000	TX
S	EPA 8270	2,4-Dimethylphenol	6130	TX
S	EPA 8270	2,4-Dinitrophenol	6175	TX
S	EPA 8270	2,4-Dinitrotoluene (2,4-DNT)	6185	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 8270	2,6-Dichlorophenol	6005	TX
S	EPA 8270	2,6-Dinitrotoluene (2,6-DNT)	6190	TX
S	EPA 8270	2-Acetylaminofluorene	5515	TX
S	EPA 8270	2-Chloronaphthalene	5795	TX
S	EPA 8270	2-Chlorophenol	5800	TX
S	EPA 8270	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	6360	TX
S	EPA 8270	2-Methylnaphthalene	6385	TX
S	EPA 8270	2-Methylphenol (o-Cresol)	6400	TX
S	EPA 8270	2-Naphthylamine	6430	TX
S	EPA 8270	2-Nitroaniline	6460	TX
S	EPA 8270	2-Nitrophenol	6490	TX
S	EPA 8270	2-Picoline (2-Methylpyridine)	5050	TX
S	EPA 8270	3,3'-Dichlorobenzidine	5945	TX
S	EPA 8270	3-Methycholanthrene	5781	TX
S	EPA 8270	3-Methylphenol (m-Cresol)	6405	TX
S	EPA 8270	3-Nitroaniline	6465	TX
S	EPA 8270	4,4'-DDD	7355	TX
S	EPA 8270	4,4'-DDE	7360	TX
S	EPA 8270	4,4'-DDT	7365	TX
S	EPA 8270	4-Aminobiphenyl	5540	TX
S	EPA 8270	4-Bromophenyl phenyl ether (BDE-3)	5660	TX
S	EPA 8270	4-Chloro-3-methylphenol	5700	TX
S	EPA 8270	4-Chloroaniline	5745	TX
S	EPA 8270	4-Chlorophenyl phenylether	5825	TX
S	EPA 8270	4-Dimethyl aminoazobenzene	6105	TX
S	EPA 8270	4-Methylphenol (p-Cresol)	6410	TX
S	EPA 8270	4-Nitroaniline	6470	TX
S	EPA 8270	4-Nitrophenol	6500	TX
S	EPA 8270	7,12-Dimethylbenz(a)anthracene	6115	TX
S	EPA 8270	Acenaphthene	5500	TX
S	EPA 8270	Acenaphthylene	5505	TX
S	EPA 8270	Acetophenone	5510	TX
S	EPA 8270	Aldrin	7025	TX
S	EPA 8270	alpha-BHC (alpha-Hexachlorocyclohexane)	7110	TX
S	EPA 8270	Aniline	5545	TX
S	EPA 8270	Anthracene	5555	TX
S	EPA 8270	Aroclor-1016 (PCB-1016)	8880	TX
S	EPA 8270	Aroclor-1221 (PCB-1221)	8885	TX
S	EPA 8270	Aroclor-1232 (PCB-1232)	8890	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 8270	Aroclor-1242 (PCB-1242)	8895	TX
S	EPA 8270	Aroclor-1248 (PCB-1248)	8900	TX
S	EPA 8270	Aroclor-1254 (PCB-1254)	8905	TX
S	EPA 8270	Aroclor-1260 (PCB-1260)	8910	TX
S	EPA 8270	Atrazine	7065	TX
S	EPA 8270	Azinphos-methyl (Guthion)	7075	TX
S	EPA 8270	Azobenzene (Diphenyldiazene)	5562	TX
S	EPA 8270	Benzidine	5595	TX
S	EPA 8270	Benzo(a)anthracene	5575	TX
S	EPA 8270	Benzo(a)pyrene	5580	TX
S	EPA 8270	Benzo(g,h,i)perylene	5590	TX
S	EPA 8270	Benzo(k)fluoranthene	5600	TX
S	EPA 8270	Benzoic acid	5610	TX
S	EPA 8270	Benzo[b]fluoranthene	5585	TX
S	EPA 8270	Benzyl alcohol	5630	TX
S	EPA 8270	beta-BHC (beta-Hexachlorocyclohexane)	7115	TX
S	EPA 8270	Biphenyl	5640	TX
S	EPA 8270	bis(2-Chloroethoxy)methane	5760	TX
S	EPA 8270	bis(2-Chloroethyl) ether	5765	TX
S	EPA 8270	Butyl benzyl phthalate	5670	TX
S	EPA 8270	Caprolactam	7180	TX
S	EPA 8270	Carbazole	5680	TX
S	EPA 8270	Chlordane (tech.)	7250	TX
S	EPA 8270	Chlorfenvinphos	7255	TX
S	EPA 8270	Chrysene	5855	TX
S	EPA 8270	cis-Chlordane (alpha-Chlordane)	7240	TX
S	EPA 8270	Coumaphos	7315	TX
S	EPA 8270	delta-BHC	7105	TX
S	EPA 8270	Demeton	7390	TX
S	EPA 8270	Demeton-o	7395	TX
S	EPA 8270	Demeton-s	7385	TX
S	EPA 8270	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	TX
S	EPA 8270	Di-n-butyl phthalate	5925	TX
S	EPA 8270	Di-n-octyl phthalate	6200	TX
S	EPA 8270	Dibenz(a,h) anthracene	5895	TX
S	EPA 8270	Dibenzo(a,e) pyrene	5890	TX
S	EPA 8270	Dibenzofuran	5905	TX
S	EPA 8270	Dichlorvos (DDVP)	8610	TX
S	EPA 8270	Dieldrin	7470	TX
S	EPA 8270	Diethyl phthalate	6070	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 8270	Dimethoate	7475	TX
S	EPA 8270	Dimethyl phthalate	6135	TX
S	EPA 8270	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
S	EPA 8270	Diphenylamine	6205	TX
S	EPA 8270	Endosulfan I	7510	TX
S	EPA 8270	Endosulfan II	7515	TX
S	EPA 8270	Endosulfan sulfate	7520	TX
S	EPA 8270	Endrin	7540	TX
S	EPA 8270	Endrin aldehyde	7530	TX
S	EPA 8270	Endrin ketone	7535	TX
S	EPA 8270	EPN (Phosphonothioic acid, phenyl-, O-ethyl O-(p-nitrophenyl) ester)	7550	TX
S	EPA 8270	Ethyl methanesulfonate	6260	TX
S	EPA 8270	Fensulfothion	7600	TX
S	EPA 8270	Fenthion	7605	TX
S	EPA 8270	Fluoranthene	6265	TX
S	EPA 8270	Fluorene	6270	TX
S	EPA 8270	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	TX
S	EPA 8270	gamma-Chlordane	7245	TX
S	EPA 8270	Heptachlor	7685	TX
S	EPA 8270	Heptachlor epoxide	7690	TX
S	EPA 8270	Hexachlorobenzene	6275	TX
S	EPA 8270	Hexachlorobutadiene	4835	TX
S	EPA 8270	Hexachlorocyclopentadiene	6285	TX
S	EPA 8270	Hexachloroethane	4840	TX
S	EPA 8270	Hexachlorophene	6290	TX
S	EPA 8270	Hexachloropropene	6295	TX
S	EPA 8270	Indeno(1,2,3-cd) pyrene	6315	TX
S	EPA 8270	Isophorone	6320	TX
S	EPA 8270	Malathion	7770	TX
S	EPA 8270	Methapyrilene	6345	TX
S	EPA 8270	Methoxychlor	7810	TX
S	EPA 8270	Methyl methanesulfonate	6375	TX
S	EPA 8270	Mevinphos	7850	TX
S	EPA 8270	Monocrotophos	7880	TX
S	EPA 8270	n-Nitroso-di-n-butylamine	5025	TX
S	EPA 8270	n-Nitrosodi-n-propylamine	6545	TX
S	EPA 8270	n-Nitrosodiethylamine	6525	TX
S	EPA 8270	n-Nitrosodimethylamine	6530	TX
S	EPA 8270	n-Nitrosodiphenylamine	6535	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 8270	n-Nitrosomethylethylamine	6550	TX
S	EPA 8270	n-Nitrosomorpholine	6555	TX
S	EPA 8270	n-Nitrosopiperidine	6560	TX
S	EPA 8270	n-Nitrosopyrrolidine	6565	TX
S	EPA 8270	Naled	7905	TX
S	EPA 8270	Naphthalene	5005	TX
S	EPA 8270	Nitrobenzene	5015	TX
S	EPA 8270	Pentachlorobenzene	6590	TX
S	EPA 8270	Pentachloronitrobenzene	6600	TX
S	EPA 8270	Pentachlorophenol	6605	TX
S	EPA 8270	Phenacetin	6610	TX
S	EPA 8270	Phenanthrene	6615	TX
S	EPA 8270	Phenol	6625	TX
S	EPA 8270	Phthalic anhydride	6640	TX
S	EPA 8270	Pronamide (Kerb)	6650	TX
S	EPA 8270	Pyrene	6665	TX
S	EPA 8270	Pyridine	5095	TX
S	EPA 8270	Quinoline	6670	TX
S	EPA 8270	Resorcinol	6680	TX
S	EPA 8270	Strychnine	6695	TX
S	EPA 8270	Sulfotep (Tetraethyl dithiopyrophosphate)	8155	TX
S	EPA 8270	Tetrachlorvinphos (Stirophos, Gardona) E-isomer	8197	TX
S	EPA 8270	Toxaphene (Chlorinated Camphene)	8250	TX
S	EPA 8321	2,4,5-T	8655	TX
S	EPA 8321	2,4-D	8545	TX
S	EPA 8321	2,4-DB	8560	TX
S	EPA 8321	Dalapon	8555	TX
S	EPA 8321	Dicamba	8595	TX
S	EPA 8321	Dichlorprop	8605	TX
S	EPA 8321	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	TX
S	EPA 8321	MCPA	7775	TX
S	EPA 8321	MCPP	7780	TX
S	EPA 8321	Silvex (2,4,5-TP)	8650	TX
S	EPA 9012	Amenable Cyanide	1510	TX
S	EPA 9012	Total Cyanide	1645	TX
S	EPA 9023	Extractable Organic Halides (EOX)	1720	TX
S	EPA 9034	Sulfide	2005	TX
S	EPA 9040	pH	1900	TX
S	EPA 9045	Corrosivity	1615	TX

TEXAS Accreditation Certificate

Eurofins Houston

State Lab ID: T104704215

Certificate ID: TX-C25-00241

Effective Date: 08/26/2025

Expiration Date: 06/30/2026

S	EPA 9045	pH	1900	TX
S	EPA 9056	Bromide	1540	TX
S	EPA 9056	Chloride	1575	TX
S	EPA 9056	Fluoride	1730	TX
S	EPA 9056	Nitrate as N	1810	TX
S	EPA 9056	Nitrate plus Nitrite as N	1820	TX
S	EPA 9056	Nitrite as N	1840	TX
S	EPA 9056	Sulfate	2000	TX
S	EPA 9060	Total Organic Carbon (TOC)	2040	TX
S	EPA 9066	Total Phenolics	1905	TX
S	EPA 9071	n-Hexane Extractable Material (O&G)	1803	TX
S	EPA 9071	n-Hexane Extractable Material - Silica Gel Treated (HEM-SGT)	9500	TX
S	EPA 9095	Paint Filter Test	1434	TX
S	EPA 9251	Chloride	1575	TX
S	IDNR OA-2	Extractable Total Petroleum Hydrocarbons	6241	TX
S	SM 2320 B	Alkalinity as CaCO ₃	1505	TX
S	SM 2510 B	Conductivity	1610	TX
S	SM 2540 G	Residue-total (TS)	1950	TX
S	TNRCC 1005	Total Petroleum Hydrocarbons (TPH)	2050	TX

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 03, 2024

Ms. Taylor Dyczko
Eurofins Eaton Analytical, Inc. - South Bend
110 South Hill Street
South Bend, IN 46617-2702

Subject: Texas NELAP accreditation renewal with adds and drops

Dear Ms. Dyczko:

I am writing to congratulate you and the staff of *Eurofins Eaton Analytical, Inc. - South Bend*. Based on your application and primary NELAP accreditation from the state of Florida, pursuant to authorization from the Executive Director of the Texas Commission on Environmental Quality, the Program Manager of the Quality Assurance Section has renewed your laboratory's secondary NELAP accreditation with the parameter additions and withdrawals requested on October 07, 2024.

I am enclosing the new accreditation certificate and fields of accreditation listing. Please review the enclosures for accuracy and completeness. Your laboratory's accreditation is valid until the expiration date on the certificate and scope, contingent on continued compliance with the requirements of the state of Texas as well as those of your primary accreditation body.

Please contact me at frank.jamison@tceq.texas.gov if I can provide any additional information or assistance.

Sincerely,

A handwritten signature in blue ink, appearing to read "Frank Jamison", with a long horizontal flourish extending to the right.

Frank Jamison
Data and Records Specialist

Enclosures



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins Eaton Analytical, LLC - South Bend
110 South Hill Street,
South Bend, IN 46617-2702

State Lab ID: T104704187
Effective Date: 01/01/2025
Expiration Date: 12/31/2025
Certificate ID: TX-C24-00386

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 01/01/2025

Laboratory Fields of Accreditation

Matrix	Method	Method Code	Analyte	Analyte Code	AB
DW	EPA 200.7	10013806	Iron	1070	FL
DW	EPA 200.7	10013806	Magnesium	1085	FL
DW	EPA 200.7	10013806	Potassium	1125	FL
DW	EPA 200.7	10013806	Silica as SiO2	1990	FL
DW	EPA 200.7	10013806	Sodium	1155	FL
DW	EPA 200.8	10014605	Aluminum	1000	FL
DW	EPA 200.8	10014605	Antimony	1005	FL
DW	EPA 200.8	10014605	Arsenic	1010	FL
DW	EPA 200.8	10014605	Barium	1015	FL
DW	EPA 200.8	10014605	Beryllium	1020	FL
DW	EPA 200.8	10014605	Cadmium	1030	FL
DW	EPA 200.8	10014605	Chromium	1040	FL
DW	EPA 200.8	10014605	Copper	1055	FL
DW	EPA 200.8	10014605	Lead	1075	FL
DW	EPA 200.8	10014605	Manganese	1090	FL
DW	EPA 200.8	10014605	Mercury	1095	FL
DW	EPA 200.8	10014605	Nickel	1105	FL
DW	EPA 200.8	10014605	Selenium	1140	FL
DW	EPA 200.8	10014605	Silver	1150	FL
DW	EPA 200.8	10014605	Thallium	1165	FL
DW	EPA 200.8	10014605	Uranium	3035	FL
DW	EPA 200.8	10014605	Zinc	1190	FL
DW	EPA 245.1	10036609	Mercury	1095	FL
DW	EPA 300.0	10275408	Bromide	1540	FL
DW	EPA 300.0	10053200	Bromide	1540	FL
DW	EPA 300.0	10275408	Chlorate	1570	FL
DW	EPA 300.0	10053200	Chloride	1575	FL
DW	EPA 300.0	10053200	Chlorite	1595	FL
DW	EPA 300.0	10053200	Fluoride	1730	FL
DW	EPA 300.0	10053200	Nitrate as N	1810	FL
DW	EPA 300.0	10053200	Sulfate	2000	FL
DW	EPA 300.1	10275602	Bromate	1535	FL
DW	EPA 317.0	10055808	Bromate	1535	FL
DW	EPA 335.4	10061402	Cyanide	1635	FL
DW	EPA 353.2	10067604	Nitrate as N	1810	FL
DW	EPA 353.2	10067604	Nitrite as N	1840	FL
DW	EPA 504.1	10082801	1,2-Dibromo-3-chloropropane	4570	FL

TEXAS Accreditation Certificate

Eurofins Eaton Analytical, LLC - South Bend

State Lab ID: T104704187

Certificate ID: TX-C24-00386

Effective Date: 01/01/2025

Expiration Date: 12/31/2025

			(DBCP)		
DW	EPA 504.1	10082801	1,2-Dibromoethane (EDB, Ethylene dibromide)	4585	FL
DW	EPA 505	10083406	Chlordane (tech.)	7250	FL
DW	EPA 505	10083406	PCB Aroclor Identification	8872	FL
DW	EPA 505	10083406	Toxaphene (Chlorinated Camphene)	8250	FL
DW	EPA 515.3	10088401	2,4-D	8545	FL
DW	EPA 515.3	10088401	Dalapon	8555	FL
DW	EPA 515.3	10088401	Dinoseb (2-sec-butyl-4,6-dinitrophenol, DNBP)	8620	FL
DW	EPA 515.3	10088401	Pentachlorophenol	6605	FL
DW	EPA 515.3	10088401	Picloram	8645	FL
DW	EPA 515.3	10088401	Silvex (2,4,5-TP)	8650	FL
DW	EPA 524.2	10088809	1,1,1-Trichloroethane	5160	FL
DW	EPA 524.2	10088809	1,1,2-Trichloroethane	5165	FL
DW	EPA 524.2	10088809	1,1-Dichloroethylene	4640	FL
DW	EPA 524.2	10088809	1,2,4-Trichlorobenzene	5155	FL
DW	EPA 524.2	10088809	1,2-Dichlorobenzene (o-Dichlorobenzene)	4610	FL
DW	EPA 524.2	10088809	1,2-Dichloroethane (Ethylene dichloride)	4635	FL
DW	EPA 524.2	10088809	1,2-Dichloropropane	4655	FL
DW	EPA 524.2	10088809	1,4-Dichlorobenzene (p-Dichlorobenzene)	4620	FL
DW	EPA 524.2	10088809	Benzene	4375	FL
DW	EPA 524.2	10088809	Carbon tetrachloride	4455	FL
DW	EPA 524.2	10088809	Chlorobenzene	4475	FL
DW	EPA 524.2	10088809	cis-1,2-Dichloroethylene	4645	FL
DW	EPA 524.2	10088809	Ethylbenzene	4765	FL
DW	EPA 524.2	10088809	m+p-xylene	5240	FL
DW	EPA 524.2	10088809	Methylene chloride (Dichloromethane)	4975	FL
DW	EPA 524.2	10088809	o-Xylene	5250	FL
DW	EPA 524.2	10088809	Styrene	5100	FL
DW	EPA 524.2	10088809	Tetrachloroethylene (Perchloroethylene)	5115	FL
DW	EPA 524.2	10088809	Toluene	5140	FL
DW	EPA 524.2	10088809	Total Trihalomethanes (TTHMs)	5205	FL
DW	EPA 524.2	10088809	Total Xylene	5260	FL
DW	EPA 524.2	10088809	trans-1,2-Dichloroethylene	4700	FL
DW	EPA 524.2	10088809	Trichloroethene (Trichloroethylene)	5170	FL
DW	EPA 524.2	10088809	Vinyl chloride (Chloroethene)	5235	FL
DW	EPA 525.2	10090003	Alachlor	7005	FL

TEXAS Accreditation Certificate

Eurofins Eaton Analytical, LLC - South Bend

State Lab ID: T104704187

Certificate ID: TX-C24-00386

Effective Date: 01/01/2025

Expiration Date: 12/31/2025

DW	EPA 525.2	10090003	Atrazine	7065	FL
DW	EPA 525.2	10090003	Benzo(a)pyrene	5580	FL
DW	EPA 525.2	10090003	bis(2-Ethylhexyl)adipate	6062	FL
DW	EPA 525.2	10090003	Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	6065	FL
DW	EPA 525.2	10090003	Endrin	7540	FL
DW	EPA 525.2	10090003	gamma-BHC (Lindane, gamma-HexachlorocyclohexanE)	7120	FL
DW	EPA 525.2	10090003	Heptachlor	7685	FL
DW	EPA 525.2	10090003	Heptachlor epoxide	7690	FL
DW	EPA 525.2	10090003	Hexachlorobenzene	6275	FL
DW	EPA 525.2	10090003	Hexachlorocyclopentadiene	6285	FL
DW	EPA 525.2	10090003	Methoxychlor	7810	FL
DW	EPA 525.2	10090003	Simazine	8125	FL
DW	EPA 531.2	10091302	Carbofuran (Furaden)	7205	FL
DW	EPA 531.2	10091302	Oxamyl	7940	FL
DW	EPA 547	10092009	Glyphosate	9411	FL
DW	EPA 548.1	10092805	Endothall	7525	FL
DW	EPA 549.2	10093400	Diquat	9390	FL
DW	EPA 551.1	10094801	Total Trihalomethanes (TTHMs)	5205	FL
DW	EPA 552.2	10095804	Total Haloacetic acids	9414	FL
DW	EPA 906.0	10310200	Tritium	3030	FL
DW	SimPlate	60032602	Heterotrophic plate count	2555	FL
DW	SM 2510 B	20048004	Conductivity	1610	FL
DW	SM 2540 C	20049803	Residue-filterable (TDS)	1955	FL
DW	SM 4500-F ⁻ C	20101808	Fluoride	1730	FL
DW	SM 7110 B	20157033	Gross alpha	2830	FL
DW	SM 7110 B	20157033	Gross beta	2840	FL
DW	SM 7110 C	20158401	Gross alpha	2830	FL
DW	SM 7500-Ra B	20170007	Radium-226	2965	FL
DW	SM 7500-Ra D	20173006	Radium-228	2970	FL
DW	SM 9223 B (Colilert Quanti-Tray)	20211603	Escherichia coli (E. coli)	2525	FL
DW	SM 9223 B (Colilert Quanti-Tray)	20211603	Total coliforms	2500	FL
DW	SM 9223 B (Colilert)	20212413	Total coliforms and E. coli (P/A)	2502	FL
DW	SM 9223 B (Colilert-18)	20214602	Total coliforms and E. coli (P/A)	2502	FL
DW	SM 9223 B (Colisure)	20231805	Total coliforms and E. coli (P/A)	2502	FL

TCEQ Accreditation Certificate
Eurofins St. Louis
State Lab ID: T104704193

Certificate ID: TX-C24-00256
Effective Date: 08/01/2024
Expiration Date: 07/31/2025



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2024
Expiration Date: 07/31/2025
Certificate ID: TX-C24-00256

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for all version of a method approved per 40 CFR 136, 40 CFR 141, and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2024

Laboratory Fields of Accreditation

Matrix	Method	Method Code	Analyte	Analyte Code	AB
DW	DOE EML Sr-02-RC	90009204	Strontium-90	3005	LA-DEQ
DW	DOE EML U-02-RC	90011204	Uranium	3035	FL
DW	EPA 200.8	10014605	Uranium	3035	FL
DW	EPA 900.0	10308200	Gross alpha	2830	FL
DW	EPA 900.0	10308200	Gross beta	2840	FL
DW	EPA 903.0	10309407	Radium-226	2965	FL
DW	EPA 904.0	10309805	Radium-228	2970	FL
DW	EPA 905.0	10310006	Strontium-90	3005	FL
DW	EPA 906.0	10310200	Tritium	3030	FL
DW	SM 7110 C	20158401	Gross alpha	2830	FL
NPW	DOE EML sec 4.5.2.3	90000207	Gross gamma	2855	LA-DEQ
NPW	EPA 200.7	10013806	Aluminum	1000	LA-DEQ
NPW	EPA 200.7	10013806	Antimony	1005	LA-DEQ
NPW	EPA 200.7	10013806	Arsenic	1010	LA-DEQ
NPW	EPA 200.7	10013806	Barium	1015	LA-DEQ
NPW	EPA 200.7	10013806	Beryllium	1020	LA-DEQ
NPW	EPA 200.7	10013806	Boron	1025	LA-DEQ
NPW	EPA 200.7	10013806	Cadmium	1030	LA-DEQ
NPW	EPA 200.7	10013806	Calcium	1035	LA-DEQ
NPW	EPA 200.7	10013806	Chromium	1040	LA-DEQ
NPW	EPA 200.7	10013806	Cobalt	1050	LA-DEQ
NPW	EPA 200.7	10013806	Copper	1055	LA-DEQ
NPW	EPA 200.7	10013806	Iron	1070	LA-DEQ
NPW	EPA 200.7	10013806	Lead	1075	LA-DEQ
NPW	EPA 200.7	10013806	Lithium	1080	LA-DEQ
NPW	EPA 200.7	10013806	Magnesium	1085	LA-

TCEQ Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C24-00256

Effective Date: 08/01/2024

Expiration Date: 07/31/2025

					DEQ
NPW	EPA 200.7	10013806	Manganese	1090	LA-DEQ
NPW	EPA 200.7	10013806	Molybdenum	1100	LA-DEQ
NPW	EPA 200.7	10013806	Nickel	1105	LA-DEQ
NPW	EPA 200.7	10013806	Potassium	1125	LA-DEQ
NPW	EPA 200.7	10013806	Selenium	1140	LA-DEQ
NPW	EPA 200.7	10013806	Silica as SiO ₂	1990	LA-DEQ
NPW	EPA 200.7	10013806	Silver	1150	LA-DEQ
NPW	EPA 200.7	10013806	Sodium	1155	LA-DEQ
NPW	EPA 200.7	10013806	Strontium	1160	LA-DEQ
NPW	EPA 200.7	10013806	Thallium	1165	LA-DEQ
NPW	EPA 200.7	10013806	Tin	1175	LA-DEQ
NPW	EPA 200.7	10013806	Titanium	1180	LA-DEQ
NPW	EPA 200.7	10013806	Total Phosphorus	1910	LA-DEQ
NPW	EPA 200.7	10013806	Vanadium	1185	LA-DEQ
NPW	EPA 200.7	10013806	Zinc	1190	LA-DEQ
NPW	EPA 200.8	10014605	Aluminum	1000	LA-DEQ
NPW	EPA 200.8	10014605	Antimony	1005	LA-DEQ
NPW	EPA 200.8	10014605	Arsenic	1010	LA-DEQ
NPW	EPA 200.8	10014605	Barium	1015	LA-DEQ
NPW	EPA 200.8	10014605	Beryllium	1020	LA-DEQ
NPW	EPA 200.8	10014605	Boron	1025	LA-DEQ
NPW	EPA 200.8	10014605	Cadmium	1030	LA-DEQ
NPW	EPA 200.8	10014605	Calcium	1035	LA-DEQ
NPW	EPA 200.8	10014605	Chromium	1040	LA-

TCEQ Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C24-00256

Effective Date: 08/01/2024

Expiration Date: 07/31/2025

					DEQ
NPW	EPA 200.8	10014605	Cobalt	1050	LA-DEQ
NPW	EPA 200.8	10014605	Copper	1055	LA-DEQ
NPW	EPA 200.8	10014605	Iron	1070	LA-DEQ
NPW	EPA 200.8	10014605	Lead	1075	LA-DEQ
NPW	EPA 200.8	10014605	Magnesium	1085	LA-DEQ
NPW	EPA 200.8	10014605	Manganese	1090	LA-DEQ
NPW	EPA 200.8	10014605	Molybdenum	1100	LA-DEQ
NPW	EPA 200.8	10014605	Nickel	1105	LA-DEQ
NPW	EPA 200.8	10014605	Potassium	1125	LA-DEQ
NPW	EPA 200.8	10014605	Selenium	1140	LA-DEQ
NPW	EPA 200.8	10014605	Silver	1150	LA-DEQ
NPW	EPA 200.8	10014605	Sodium	1155	LA-DEQ
NPW	EPA 200.8	10014605	Strontium	1160	LA-DEQ
NPW	EPA 200.8	10014605	Thallium	1165	LA-DEQ
NPW	EPA 200.8	10014605	Thorium	1170	LA-DEQ
NPW	EPA 200.8	10014605	Tin	1175	LA-DEQ
NPW	EPA 200.8	10014605	Titanium	1180	LA-DEQ
NPW	EPA 200.8	10014605	Uranium	3035	LA-DEQ
NPW	EPA 200.8	10014605	Vanadium	1185	LA-DEQ
NPW	EPA 200.8	10014605	Zinc	1190	LA-DEQ
NPW	EPA 245.1	10036609	Mercury	1095	LA-DEQ
NPW	EPA 6010	10155201	Aluminum	1000	LA-DEQ
NPW	EPA 6010	10155201	Antimony	1005	LA-DEQ
NPW	EPA 6010	10155201	Arsenic	1010	LA-

TCEQ Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C24-00256

Effective Date: 08/01/2024

Expiration Date: 07/31/2025

					DEQ
NPW	EPA 6010	10155201	Barium	1015	LA-DEQ
NPW	EPA 6010	10155201	Beryllium	1020	LA-DEQ
NPW	EPA 6010	10155201	Boron	1025	LA-DEQ
NPW	EPA 6010	10155201	Cadmium	1030	LA-DEQ
NPW	EPA 6010	10155201	Calcium	1035	LA-DEQ
NPW	EPA 6010	10155201	Chromium	1040	LA-DEQ
NPW	EPA 6010	10155201	Cobalt	1050	LA-DEQ
NPW	EPA 6010	10155201	Copper	1055	LA-DEQ
NPW	EPA 6010	10155201	Iron	1070	LA-DEQ
NPW	EPA 6010	10155201	Lead	1075	LA-DEQ
NPW	EPA 6010	10155201	Lithium	1080	LA-DEQ
NPW	EPA 6010	10155201	Magnesium	1085	LA-DEQ
NPW	EPA 6010	10155201	Manganese	1090	LA-DEQ
NPW	EPA 6010	10155201	Molybdenum	1100	LA-DEQ
NPW	EPA 6010	10155201	Nickel	1105	LA-DEQ
NPW	EPA 6010	10155201	Potassium	1125	LA-DEQ
NPW	EPA 6010	10155201	Selenium	1140	LA-DEQ
NPW	EPA 6010	10155201	Silica as SiO ₂	1990	LA-DEQ
NPW	EPA 6010	10155201	Silver	1150	LA-DEQ
NPW	EPA 6010	10155201	Sodium	1155	LA-DEQ
NPW	EPA 6010	10155201	Strontium	1160	LA-DEQ
NPW	EPA 6010	10155201	Thallium	1165	LA-DEQ
NPW	EPA 6010	10155201	Tin	1175	LA-DEQ
NPW	EPA 6010	10155201	Titanium	1180	LA-

TCEQ Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C24-00256

Effective Date: 08/01/2024

Expiration Date: 07/31/2025

					DEQ
NPW	EPA 6010	10155201	Total Phosphorus	1910	LA-DEQ
NPW	EPA 6010	10155201	Vanadium	1185	LA-DEQ
NPW	EPA 6010	10155201	Zinc	1190	LA-DEQ
NPW	EPA 6020	10156204	Aluminum	1000	LA-DEQ
NPW	EPA 6020	10156204	Antimony	1005	LA-DEQ
NPW	EPA 6020	10156204	Arsenic	1010	LA-DEQ
NPW	EPA 6020	10156204	Barium	1015	LA-DEQ
NPW	EPA 6020	10156204	Beryllium	1020	LA-DEQ
NPW	EPA 6020	10156204	Boron	1025	LA-DEQ
NPW	EPA 6020	10156204	Cadmium	1030	LA-DEQ
NPW	EPA 6020	10156204	Calcium	1035	LA-DEQ
NPW	EPA 6020	10156204	Chromium	1040	LA-DEQ
NPW	EPA 6020	10156204	Cobalt	1050	LA-DEQ
NPW	EPA 6020	10156204	Copper	1055	LA-DEQ
NPW	EPA 6020	10156204	Iron	1070	LA-DEQ
NPW	EPA 6020	10156204	Lead	1075	LA-DEQ
NPW	EPA 6020	10156204	Lithium	1080	LA-DEQ
NPW	EPA 6020	10156204	Magnesium	1085	LA-DEQ
NPW	EPA 6020	10156204	Manganese	1090	LA-DEQ
NPW	EPA 6020	10156204	Molybdenum	1100	LA-DEQ
NPW	EPA 6020	10156204	Nickel	1105	LA-DEQ
NPW	EPA 6020	10156204	Potassium	1125	LA-DEQ
NPW	EPA 6020	10156204	Selenium	1140	LA-DEQ
NPW	EPA 6020	10156204	Silver	1150	LA-

TCEQ Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C24-00256

Effective Date: 08/01/2024

Expiration Date: 07/31/2025

					DEQ
NPW	EPA 6020	10156204	Sodium	1155	LA-DEQ
NPW	EPA 6020	10156204	Strontium	1160	LA-DEQ
NPW	EPA 6020	10156204	Thallium	1165	LA-DEQ
NPW	EPA 6020	10156204	Tin	1175	LA-DEQ
NPW	EPA 6020	10156204	Titanium	1180	LA-DEQ
NPW	EPA 6020	10156204	Vanadium	1185	LA-DEQ
NPW	EPA 6020	10156204	Zinc	1190	LA-DEQ
NPW	EPA 7470	10165603	Mercury	1095	LA-DEQ
NPW	EPA 900.0	10308200	Gross alpha	2830	LA-DEQ
NPW	EPA 900.0	10308200	Gross beta	2840	LA-DEQ
NPW	EPA 903.0	10309407	Total Radium	2975	LA-DEQ
S	DOE EML sec 4.5.2.3	90000207	Gross gamma	2855	LA-DEQ
S	DOE EML U-02-RC	90011204	Uranium	3035	LA-DEQ
S	EPA 6010	10155201	Aluminum	1000	LA-DEQ
S	EPA 6010	10155201	Antimony	1005	LA-DEQ
S	EPA 6010	10155201	Arsenic	1010	LA-DEQ
S	EPA 6010	10155201	Barium	1015	LA-DEQ
S	EPA 6010	10155201	Beryllium	1020	LA-DEQ
S	EPA 6010	10155201	Boron	1025	LA-DEQ
S	EPA 6010	10155201	Cadmium	1030	LA-DEQ
S	EPA 6010	10155201	Calcium	1035	LA-DEQ
S	EPA 6010	10155201	Chromium	1040	LA-DEQ
S	EPA 6010	10155201	Cobalt	1050	LA-DEQ
S	EPA 6010	10155201	Copper	1055	LA-

TCEQ Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C24-00256

Effective Date: 08/01/2024

Expiration Date: 07/31/2025

					DEQ
S	EPA 6010	10155201	Iron	1070	LA-DEQ
S	EPA 6010	10155201	Lead	1075	LA-DEQ
S	EPA 6010	10155201	Lithium	1080	LA-DEQ
S	EPA 6010	10155201	Magnesium	1085	LA-DEQ
S	EPA 6010	10155201	Manganese	1090	LA-DEQ
S	EPA 6010	10155201	Molybdenum	1100	LA-DEQ
S	EPA 6010	10155201	Nickel	1105	LA-DEQ
S	EPA 6010	10155201	Potassium	1125	LA-DEQ
S	EPA 6010	10155201	Selenium	1140	LA-DEQ
S	EPA 6010	10155201	Silica as SiO ₂	1990	LA-DEQ
S	EPA 6010	10155201	Silver	1150	LA-DEQ
S	EPA 6010	10155201	Sodium	1155	LA-DEQ
S	EPA 6010	10155201	Strontium	1160	LA-DEQ
S	EPA 6010	10155201	Thallium	1165	LA-DEQ
S	EPA 6010	10155201	Tin	1175	LA-DEQ
S	EPA 6010	10155201	Titanium	1180	LA-DEQ
S	EPA 6010	10155201	Vanadium	1185	LA-DEQ
S	EPA 6010	10155201	Zinc	1190	LA-DEQ
S	EPA 6020	10156204	Aluminum	1000	LA-DEQ
S	EPA 6020	10156204	Antimony	1005	LA-DEQ
S	EPA 6020	10156204	Arsenic	1010	LA-DEQ
S	EPA 6020	10156204	Barium	1015	LA-DEQ
S	EPA 6020	10156204	Beryllium	1020	LA-DEQ
S	EPA 6020	10156204	Boron	1025	LA-

TCEQ Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C24-00256

Effective Date: 08/01/2024

Expiration Date: 07/31/2025

					DEQ
S	EPA 6020	10156204	Cadmium	1030	LA-DEQ
S	EPA 6020	10156204	Calcium	1035	LA-DEQ
S	EPA 6020	10156204	Chromium	1040	LA-DEQ
S	EPA 6020	10156204	Cobalt	1050	LA-DEQ
S	EPA 6020	10156204	Copper	1055	LA-DEQ
S	EPA 6020	10156204	Iron	1070	LA-DEQ
S	EPA 6020	10156204	Lead	1075	LA-DEQ
S	EPA 6020	10156204	Lithium	1080	LA-DEQ
S	EPA 6020	10156204	Magnesium	1085	LA-DEQ
S	EPA 6020	10156204	Manganese	1090	LA-DEQ
S	EPA 6020	10156204	Molybdenum	1100	LA-DEQ
S	EPA 6020	10156204	Nickel	1105	LA-DEQ
S	EPA 6020	10156204	Potassium	1125	LA-DEQ
S	EPA 6020	10156204	Selenium	1140	LA-DEQ
S	EPA 6020	10156204	Silver	1150	LA-DEQ
S	EPA 6020	10156204	Sodium	1155	LA-DEQ
S	EPA 6020	10156204	Strontium	1160	LA-DEQ
S	EPA 6020	10156204	Thallium	1165	LA-DEQ
S	EPA 6020	10156204	Tin	1175	LA-DEQ
S	EPA 6020	10156204	Titanium	1180	LA-DEQ
S	EPA 6020	10156204	Vanadium	1185	LA-DEQ
S	EPA 6020	10156204	Zinc	1190	LA-DEQ
S	EPA 7471	10166004	Mercury	1095	LA-DEQ
S	EPA 9310	10310802	Gross alpha	2830	LA-

TCEQ Accreditation Certificate
Eurofins St. Louis
State Lab ID: T104704193

Certificate ID: TX-C24-00256
Effective Date: 08/01/2024
Expiration Date: 07/31/2025

					DEQ
S	EPA 9310	10310802	Gross beta	2840	LA-DEQ



Texas Commission on
Environmental Quality

Certificate of Accreditation



Accreditation is hereby granted to

Eurofins St. Louis
13715 Rider Trail North,
Earth City, MO 63045-1205

State Lab ID: T104704193
Effective Date: 08/01/2025
Expiration Date: 07/31/2026
Certificate ID: TX-C25-00207

Conditions of Accreditation

This laboratory has been found to conform with TCEQ rules and applicable standards for laboratory accreditation. The scope of accreditation is limited to the Fields of Accreditation (FoA) specifically listed on the subsequent page(s) of this certificate. Accreditation is for NELAP Standards EL-V1-2016 and EL-V2-2016 and all versions of a method approved per 40 CFR 136, 40 CFR 141 and/or 40 CFR 143. Continued accreditation requires ongoing compliance with all applicable standards and requirements.

Note: For the attached FoA table, matrices may include DW (drinking water), NPW (non-potable water), S (solid and chemical materials), A (air), and/or BT (biological tissue).

A handwritten signature in black ink, appearing to read "K Keel".

Issued By: Kelly Keel, Executive Director Texas Commission on Environmental Quality
Date Issued: 08/01/2025

Laboratory Fields of Accreditation

Matrix	Method	Analyte	Analyte Code	AB
DW	DOE EML U-02-RC	Uranium	3035	FL
DW	EPA 200.8	Uranium	3035	FL
DW	EPA 900.0	Gross alpha	2830	FL
DW	EPA 900.0	Gross beta	2840	FL
DW	EPA 903.0	Radium-226	2965	FL
DW	EPA 904.0	Radium-228	2970	FL
DW	EPA 905.0	Strontium-90	3005	FL
DW	EPA 906.0	Tritium	3030	FL
DW	SM 7110 C	Gross alpha	2830	FL
NPW	DOE EML sec 4.5.2.3	Gross gamma	2855	LA-DEQ
NPW	EPA 200.7	Aluminum	1000	LA-DEQ
NPW	EPA 200.7	Antimony	1005	LA-DEQ
NPW	EPA 200.7	Arsenic	1010	LA-DEQ
NPW	EPA 200.7	Barium	1015	LA-DEQ
NPW	EPA 200.7	Beryllium	1020	LA-DEQ
NPW	EPA 200.7	Boron	1025	LA-DEQ
NPW	EPA 200.7	Cadmium	1030	LA-DEQ
NPW	EPA 200.7	Calcium	1035	LA-DEQ
NPW	EPA 200.7	Chromium	1040	LA-DEQ
NPW	EPA 200.7	Cobalt	1050	LA-DEQ
NPW	EPA 200.7	Copper	1055	LA-DEQ
NPW	EPA 200.7	Iron	1070	LA-DEQ
NPW	EPA 200.7	Lead	1075	LA-DEQ
NPW	EPA 200.7	Lithium	1080	LA-DEQ
NPW	EPA 200.7	Magnesium	1085	LA-DEQ
NPW	EPA 200.7	Manganese	1090	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ
NPW	EPA 200.7	Molybdenum	1100	LA-DEQ
NPW	EPA 200.7	Nickel	1105	LA-DEQ
NPW	EPA 200.7	Potassium	1125	LA-DEQ
NPW	EPA 200.7	Selenium	1140	LA-DEQ
NPW	EPA 200.7	Silica as SiO ₂	1990	LA-DEQ
NPW	EPA 200.7	Silver	1150	LA-DEQ
NPW	EPA 200.7	Sodium	1155	LA-DEQ
NPW	EPA 200.7	Strontium	1160	LA-DEQ
NPW	EPA 200.7	Thallium	1165	LA-DEQ
NPW	EPA 200.7	Tin	1175	LA-DEQ
NPW	EPA 200.7	Titanium	1180	LA-DEQ
NPW	EPA 200.7	Total Phosphorus	1910	LA-DEQ
NPW	EPA 200.7	Vanadium	1185	LA-DEQ
NPW	EPA 200.7	Zinc	1190	LA-DEQ
NPW	EPA 200.8	Aluminum	1000	LA-DEQ
NPW	EPA 200.8	Antimony	1005	LA-DEQ
NPW	EPA 200.8	Arsenic	1010	LA-DEQ
NPW	EPA 200.8	Barium	1015	LA-DEQ
NPW	EPA 200.8	Beryllium	1020	LA-DEQ
NPW	EPA 200.8	Boron	1025	LA-DEQ
NPW	EPA 200.8	Cadmium	1030	LA-DEQ
NPW	EPA 200.8	Calcium	1035	LA-DEQ
NPW	EPA 200.8	Chromium	1040	LA-DEQ
NPW	EPA 200.8	Cobalt	1050	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ
NPW	EPA 200.8	Copper	1055	LA-DEQ
NPW	EPA 200.8	Iron	1070	LA-DEQ
NPW	EPA 200.8	Lead	1075	LA-DEQ
NPW	EPA 200.8	Magnesium	1085	LA-DEQ
NPW	EPA 200.8	Manganese	1090	LA-DEQ
NPW	EPA 200.8	Molybdenum	1100	LA-DEQ
NPW	EPA 200.8	Nickel	1105	LA-DEQ
NPW	EPA 200.8	Potassium	1125	LA-DEQ
NPW	EPA 200.8	Selenium	1140	LA-DEQ
NPW	EPA 200.8	Silver	1150	LA-DEQ
NPW	EPA 200.8	Sodium	1155	LA-DEQ
NPW	EPA 200.8	Strontium	1160	LA-DEQ
NPW	EPA 200.8	Thallium	1165	LA-DEQ
NPW	EPA 200.8	Thorium	1170	LA-DEQ
NPW	EPA 200.8	Tin	1175	LA-DEQ
NPW	EPA 200.8	Titanium	1180	LA-DEQ
NPW	EPA 200.8	Uranium	3035	LA-DEQ
NPW	EPA 200.8	Vanadium	1185	LA-DEQ
NPW	EPA 200.8	Zinc	1190	LA-DEQ
NPW	EPA 245.1	Mercury	1095	LA-DEQ
NPW	EPA 6010	Aluminum	1000	LA-DEQ
NPW	EPA 6010	Antimony	1005	LA-DEQ
NPW	EPA 6010	Arsenic	1010	LA-DEQ
NPW	EPA 6010	Barium	1015	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ
NPW	EPA 6010	Beryllium	1020	LA-DEQ
NPW	EPA 6010	Boron	1025	LA-DEQ
NPW	EPA 6010	Cadmium	1030	LA-DEQ
NPW	EPA 6010	Calcium	1035	LA-DEQ
NPW	EPA 6010	Chromium	1040	LA-DEQ
NPW	EPA 6010	Cobalt	1050	LA-DEQ
NPW	EPA 6010	Copper	1055	LA-DEQ
NPW	EPA 6010	Iron	1070	LA-DEQ
NPW	EPA 6010	Lead	1075	LA-DEQ
NPW	EPA 6010	Lithium	1080	LA-DEQ
NPW	EPA 6010	Magnesium	1085	LA-DEQ
NPW	EPA 6010	Manganese	1090	LA-DEQ
NPW	EPA 6010	Molybdenum	1100	LA-DEQ
NPW	EPA 6010	Nickel	1105	LA-DEQ
NPW	EPA 6010	Potassium	1125	LA-DEQ
NPW	EPA 6010	Selenium	1140	LA-DEQ
NPW	EPA 6010	Silica as SiO ₂	1990	LA-DEQ
NPW	EPA 6010	Silver	1150	LA-DEQ
NPW	EPA 6010	Sodium	1155	LA-DEQ
NPW	EPA 6010	Strontium	1160	LA-DEQ
NPW	EPA 6010	Thallium	1165	LA-DEQ
NPW	EPA 6010	Tin	1175	LA-DEQ
NPW	EPA 6010	Titanium	1180	LA-DEQ
NPW	EPA 6010	Total Phosphorus	1910	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ
NPW	EPA 6010	Vanadium	1185	LA-DEQ
NPW	EPA 6010	Zinc	1190	LA-DEQ
NPW	EPA 6020	Aluminum	1000	LA-DEQ
NPW	EPA 6020	Antimony	1005	LA-DEQ
NPW	EPA 6020	Arsenic	1010	LA-DEQ
NPW	EPA 6020	Barium	1015	LA-DEQ
NPW	EPA 6020	Beryllium	1020	LA-DEQ
NPW	EPA 6020	Boron	1025	LA-DEQ
NPW	EPA 6020	Cadmium	1030	LA-DEQ
NPW	EPA 6020	Calcium	1035	LA-DEQ
NPW	EPA 6020	Chromium	1040	LA-DEQ
NPW	EPA 6020	Cobalt	1050	LA-DEQ
NPW	EPA 6020	Copper	1055	LA-DEQ
NPW	EPA 6020	Iron	1070	LA-DEQ
NPW	EPA 6020	Lead	1075	LA-DEQ
NPW	EPA 6020	Lithium	1080	LA-DEQ
NPW	EPA 6020	Magnesium	1085	LA-DEQ
NPW	EPA 6020	Manganese	1090	LA-DEQ
NPW	EPA 6020	Molybdenum	1100	LA-DEQ
NPW	EPA 6020	Nickel	1105	LA-DEQ
NPW	EPA 6020	Potassium	1125	LA-DEQ
NPW	EPA 6020	Selenium	1140	LA-DEQ
NPW	EPA 6020	Silver	1150	LA-DEQ
NPW	EPA 6020	Sodium	1155	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ
NPW	EPA 6020	Strontium	1160	LA-DEQ
NPW	EPA 6020	Thallium	1165	LA-DEQ
NPW	EPA 6020	Tin	1175	LA-DEQ
NPW	EPA 6020	Titanium	1180	LA-DEQ
NPW	EPA 6020	Vanadium	1185	LA-DEQ
NPW	EPA 6020	Zinc	1190	LA-DEQ
NPW	EPA 7470	Mercury	1095	LA-DEQ
NPW	EPA 900.0	Gross alpha	2830	LA-DEQ
NPW	EPA 900.0	Gross beta	2840	LA-DEQ
NPW	EPA 903.0	Total Radium	2975	LA-DEQ
S	DOE EML sec 4.5.2.3	Gross gamma	2855	LA-DEQ
S	DOE EML U-02-RC	Uranium	3035	LA-DEQ
S	EPA 6010	Aluminum	1000	LA-DEQ
S	EPA 6010	Antimony	1005	LA-DEQ
S	EPA 6010	Arsenic	1010	LA-DEQ
S	EPA 6010	Barium	1015	LA-DEQ
S	EPA 6010	Beryllium	1020	LA-DEQ
S	EPA 6010	Boron	1025	LA-DEQ
S	EPA 6010	Cadmium	1030	LA-DEQ
S	EPA 6010	Calcium	1035	LA-DEQ
S	EPA 6010	Chromium	1040	LA-DEQ
S	EPA 6010	Cobalt	1050	LA-DEQ
S	EPA 6010	Copper	1055	LA-DEQ
S	EPA 6010	Iron	1070	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ
S	EPA 6010	Lead	1075	LA-DEQ
S	EPA 6010	Lithium	1080	LA-DEQ
S	EPA 6010	Magnesium	1085	LA-DEQ
S	EPA 6010	Manganese	1090	LA-DEQ
S	EPA 6010	Molybdenum	1100	LA-DEQ
S	EPA 6010	Nickel	1105	LA-DEQ
S	EPA 6010	Potassium	1125	LA-DEQ
S	EPA 6010	Selenium	1140	LA-DEQ
S	EPA 6010	Silica as SiO ₂	1990	LA-DEQ
S	EPA 6010	Silver	1150	LA-DEQ
S	EPA 6010	Sodium	1155	LA-DEQ
S	EPA 6010	Strontium	1160	LA-DEQ
S	EPA 6010	Thallium	1165	LA-DEQ
S	EPA 6010	Tin	1175	LA-DEQ
S	EPA 6010	Titanium	1180	LA-DEQ
S	EPA 6010	Vanadium	1185	LA-DEQ
S	EPA 6010	Zinc	1190	LA-DEQ
S	EPA 6020	Aluminum	1000	LA-DEQ
S	EPA 6020	Antimony	1005	LA-DEQ
S	EPA 6020	Arsenic	1010	LA-DEQ
S	EPA 6020	Barium	1015	LA-DEQ
S	EPA 6020	Beryllium	1020	LA-DEQ
S	EPA 6020	Boron	1025	LA-DEQ
S	EPA 6020	Cadmium	1030	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ
S	EPA 6020	Calcium	1035	LA-DEQ
S	EPA 6020	Chromium	1040	LA-DEQ
S	EPA 6020	Cobalt	1050	LA-DEQ
S	EPA 6020	Copper	1055	LA-DEQ
S	EPA 6020	Iron	1070	LA-DEQ
S	EPA 6020	Lead	1075	LA-DEQ
S	EPA 6020	Lithium	1080	LA-DEQ
S	EPA 6020	Magnesium	1085	LA-DEQ
S	EPA 6020	Manganese	1090	LA-DEQ
S	EPA 6020	Molybdenum	1100	LA-DEQ
S	EPA 6020	Nickel	1105	LA-DEQ
S	EPA 6020	Potassium	1125	LA-DEQ
S	EPA 6020	Selenium	1140	LA-DEQ
S	EPA 6020	Silver	1150	LA-DEQ
S	EPA 6020	Sodium	1155	LA-DEQ
S	EPA 6020	Strontium	1160	LA-DEQ
S	EPA 6020	Thallium	1165	LA-DEQ
S	EPA 6020	Tin	1175	LA-DEQ
S	EPA 6020	Titanium	1180	LA-DEQ
S	EPA 6020	Vanadium	1185	LA-DEQ
S	EPA 6020	Zinc	1190	LA-DEQ
S	EPA 7471	Mercury	1095	LA-DEQ
S	EPA 9310	Gross alpha	2830	LA-DEQ
S	EPA 9310	Gross beta	2840	LA-

TEXAS Accreditation Certificate

Eurofins St. Louis

State Lab ID: T104704193

Certificate ID: TX-C25-00207

Effective Date: 08/01/2025

Expiration Date: 07/31/2026

				DEQ