District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NVV2003451829
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Select Agua Libre Midstream, LLC	OGRID	246368
Contact Name	Kim Henderson	Contact Telephone	405-633-1840
Contact email	khenderson@selectwater.com	Incident # *(assigned by OCD)*	NVV2003451829
Contact mailing address	12515 Carriage Way; Oklahoma City, OK 73142		

Location of Release Source

Latitude 32.11894 Longitude -103.17682
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Salado #002	Site Type	Brine Mining Well
Date Release Discovered	8/15/2019	API# *(if applicable)*	30-025-32394

Unit Letter	Section	Township	Range	County
A	20	25S	37E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* Chaparral Service, Inc.)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Based on the results of site assessment activities, no areas were identified with constituents that exceeded the Remediation and Closure Limits documented on Table I for Sites with a groundwater depth from 50 to 100 ft bgs. Therefore, no remediation or closure activities are warranted for the Salado #002 Brine Station.

Additionally, it is requested that Incident No. NVV2003451829 be closed out in the New Mexico OCD records, as there were no areas identified with impacts above the appropriate New Mexico Remediation and Closure Limits, and thus, there were no areas identified that require remediation or closure activities.

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☐ The source of the release has been stopped.
- ☐ The impacted area has been secured to protect human health and the environment.
- ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

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Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	>50 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Kim Henderson Title: Sr. Director – Water & Disposal Solutions

Signature: Date: 10/27/23

email: khenderson@selectwater.com Telephone: 405-633-1840

OCD Only

Received by: Shelly Wells Date: 10/27/2023

The C-141 Initial Release Form that was received by the OCD on 01/22/2020 was based on the belief that the minimum depth to groundwater beneath the area affected by the release was 23 ft bgs. It is unknown why the depth to groundwater was believed to be 23 ft bgs at that time. In the event the depth to groundwater was 23 ft bgs, the Remediation and Closure Limits would be more conservative, and remediation and closure activities would be warranted to close out Incident No. NVV2003451829. However, a review of historical documentation indicated the depth to groundwater at the Salado No. 2 as being greater than 50 ft bgs. A document titled "Salado No 2 Monitor Well Installation Attempt" was identified on pages 292 through 304 of the Salado No. 2 OCD Administrative and Environmental Files from the OCD Online Imaging database. This document describes the attempt to install a monitoring well at Salado No. 2 to no avail due to the lack of groundwater within 50 ft of the ground surface. The "Salado No 2 Monitor Well Installation Attempt" document is provided in Attachment A of the attached Site Assessment Report, Remediation Plan, and Reclamation Plan.

When evaluating reported concentrations against the appropriate Remediation and Closure Limits that are based on a minimum depth to groundwater of 51 to 100 ft bgs, there were no exceedances, and thus, no remediation or closure activities are necessary. Please refer to the attached Site Assessment Report, Remediation Plan, and Reclamation Plan for additional details. Because no remediation or closure activities are warranted for the Salado No. 2 facility, Incident No. NVV2003451829 should be closed out in the New Mexico OCD records.

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Remediation Plan - NOT APPLICABLE

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

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Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: ***Each of the following items must be included in the closure report.***

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Kim Henderson Title: Sr Director

Signature: [signature] Date: 10/27/23

email: khenderson@selectwater.com Telephone: 405-633-1840

OCD Only

Received by: Shelly Wells Date: 10/27/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Nelson Velez Date: 02-19/2024

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.

SQ Environmental, LLC
P.O. Box 1991
Austin, TX 78767-1991
(512) 900-7731
www.SQEnv.com

10 October 2023

Mr. Mike Bratcher
Incident Supervisor, Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Avenue
Artesia, New Mexico 88210

RE: Letter Report – Site Assessment Report, Remediation Plan, and Reclamation Plan
Salado No. 2 Brine Station, API No. 30-025-32394
Lat/Long: 32.118925, -103.176836
Lea County, New Mexico
SQE PN: 1180.002.001

Dear Mr. Bratcher:

SQ Environmental, LLC (SQE) prepared this letter report on behalf of Select Agua Libre Midstream, LLC (SALM) to document the site assessment activities that were completed in June 2023 at the Salado No. 2 Brine Station (Salado No. 2) located at the Global Positioning System (GPS) coordinates provided above in Lea County, New Mexico (subject property). The objective of the site assessment activities was to evaluate existing site conditions and prepare a plan for remediation and reclamation activities based on the results of site investigation activities. A Remediation Plan and a Reclamation Plan are included within this report. The work performed and results are described below. Figures and tables are provided following the text. Supporting information, field photographs, and laboratory reports are included as attachments to this report.

BACKGROUND

The subject property is located in Lea County, New Mexico, approximately 1 mile east of Jal, New Mexico. A property location map is provided as **Figure 1**.

The Salado No. 2 was acquired by SALM as part of an acquisition of portions of Basic Energy Services. Prior to SALM's acquisition of the Salado No. 2, a release of brine water occurred at the Salado No. 2. Basic Energy Services notified the New Mexico Oil Conservation Division (OCD) of the release, and a C-141 Initial Release Form dated 20 January 2020 (received by the OCD on 22 January 2020) was submitted to the OCD. The C-141 Initial Release Form that was submitted to the OCD is provided in **Attachment A**. The following information was provided on the C-141 Initial Release Form:

- Produced water with a concentration of dissolved chloride of less than 10,000 milligrams per liter (mg/L) was released at the Salado No. 2.
- On 15 August 2019, after the removal debris, initial samples were taken to assess the remaining concentrations of chemicals of concern (specifically chlorides, total petroleum hydrocarbons (TPH), and benzene, toluene, ethylbenzene, and xylenes (BTEX)) for the release. The results from the August 2019 indicated the presence of chlorides and TPH above the Table I cleanup concentrations of 600 milligrams per kilogram (mg/kg) for chlorides and 100 mg/kg of TPH. No BTEX levels above the Table 1 cleanup concentrations were identified.

- All free liquids and recoverable materials have been removed and managed appropriately.
- The shallowest depth to groundwater beneath the area affected by the release is 23 ft below ground surface (ft bgs).

The OCD processed the C-141 Initial Release Form and Incident ID NVV2003451829 was assigned to the release by the OCD. It should be noted that the depth to groundwater at the Salado No. 2 was inaccurately documented on the C-141 Initial Release Form as being 23 ft bgs. A review of historical documentation indicates the depth to groundwater at the Salado No. 2 as being greater than 50 ft bgs. The document that describes the attempt to install a monitoring well at Salado No. 2 to no avail due to the lack of groundwater within 50 ft of the ground surface is provided in **Attachment A**.

As part of SALM's effort to discontinue operations at Salado No. 2 and receive closure from the OCD, the injection well associated with Salado No. 2 has been plugged. The associated C-103P Form (Plugging Form) was submitted to OCD. After processing the C-103P Form, the status of the Salado No. 2 was changed from "Active" to "Plugged, Not Released."

The OCD has requested for the regulatory closure of Salado No. 2 to be carried out in accordance with New Mexico Administrative Code (NMAC) 19.15.29 (Rule 29). Discussions were had with Mr. Michael Bratcher of the OCD, and Mr. Bratcher agreed that site assessment and delineation activities using the closure criteria defined for groundwater at depths greater than 50 feet (ft) and less than or equal to 100 ft was appropriate for Salado No. 2. **Attachment A** includes the email chain that describes the evaluation of site-specific conditions for determining the applicable closure criteria.

SALM requested that SQE conduct additional site assessment activities to ascertain the current conditions at Salado No. 2 and identify any remediation and/or reclamation activities that may be needed for regulatory closure of the Salado No. 2 facility.

SITE ASSESSMENT ACTIVITIES

SQE performed site assessment activities at the subject property on 21 June through 22 June 2023. The site assessment activities included:

1) Field-screening soil and debris for Naturally Occurring Radioactive Material (NORM),
2) Use of a back-hoe to dig test pits, and
3) collection of soil samples for field screening and/or laboratory analysis of chloride, TPH, and/or BTEX.

The soil sample locations are presented on **Figure 2**. It should be noted a historical aerial dated 7 February 2011 was used for Figure 2, and the surface equipment and features shown on the aerial (e.g., drying slab, washout pit, racks) are no longer present. The historical aerial was used to show the former layout of the Salado No. 2 for reference against the sample locations. A photographic log is included as **Attachment B**. Details regarding the work that was performed are provided below.

Field Screening NORM. A NORM screening of the subject property was performed on 22 June 2023 to evaluate ground surfaces and remaining debris for the potential presence of NORM at levels that would require special handling and disposal as NORM waste. The screening was conducted by measuring gamma exposure rates with a Ludlum Model 2241- 2 radiation survey meter, coupled with a Ludlum Model 44-10 detector. In accordance with industry practices, the Ludlum instruments were calibrated within a

year of the NORM screening, and Ludlum calibrations were field-verified by performing response checks using a source of known radiation quantity before and after the Ludlum equipment was used.

New Mexico state regulations, as outlined in NMAC Title 20, Chapter 3, Part 14, indicate that, in general, material is no longer exempt from NORM regulations when it has a gamma exposure rate greater than 50 microroentgens per hour (µR/hr), including the background radiation level at any accessible point. This value was employed as the threshold for items that would require removal and disposal as NORM waste. The survey was accomplished by traversing the facility on foot while holding the probe approximately 1 to 2 inches from the surface of objects being surveyed (e.g., surface soil and debris). The survey area was primarily limited to the vicinity of the former brine tanks, freshwater tank, loading racks, washout pit, and brine well (i.e., operational areas of the Salado No. 2).

Field Screening Soil for Chloride. Initially, soil samples from a depth interval of 0 to 0.5 ft were screened in the field for chlorides using an Orapxi salinity and conductivity meter. The field screening method involved mixing a known mass of soil with a known volume of water, stirring the contents, and measuring the resulting solution for chloride content and conductivity. Following the field screening for surface soil samples, test pits were advanced with a backhoe at selected locations to collect deeper, contingency samples for purposes of vertical delineation. Test pits were completed at locations B04, B06, and B08.

The results of the field screening for soil samples are presented on **Table 1** and are discussed in the "Site Assessment Results" section below.

Soil Sampling. SQE submitted 11 soil samples to the Eurofins Midland Laboratory, located in Midland, Texas, for analysis of chloride by EPA Method 300.0. Each of the soil samples were placed into new, laboratory-supplied sample containers, and then placed on ice in laboratory supplied coolers. The soil samples were labeled according to the convention B*nn (dd)*, where *nn* indicates the sequential soil sample location number, and *(dd)* indicates the depth interval at which the sample was collected, measured in ft bgs. It should be noted that the depth intervals specified in the sample identification are with respect to the ground surface at that location. There were three sample locations (B01, B02, and B03) that were collected within features that were below the original/natural ground surface. For example, the surface soil sample collected from location B01 (identified as B01 (0-0.5)) was collected from within a secondary containment feature that had a base that was 3.0 ft below the original/natural ground surface. Therefore, the corrected sample depth interval for that sample was 3 to 3.5 ft bgs. The sample depth interval, as well as the corrected sample depth interval with respect to the original/natural ground surface, are presented on **Tables 1** and **2**.

Of the 11 samples submitted to the laboratory for chloride analysis, ten were also selected for the analysis of TPH by SW-846 Method 8015 and BTEX by SW-846 Method 8021B. TPH results reported by this method include gasoline range organics (GRO), diesel range organics (DRO), oil range organics (ORO), and total TPH. BTEX results reported by this method include the individual BTEX components (including differentiated xylenes) and total BTEX.

SITE ASSESSMENT RESULTS

NORM Results. Based on the field screening performed for NORM, no readings were identified that would suggest remaining materials or soil would require special handling and disposal as NORM waste (i.e., readings less than 50 µR/hr). Prior to NORM screening, background readings at two locations that did not appear to have been previously used or impacted by historical operations were measured at 7 to 8 µR/hr. The highest reading observed as part of the NORM field screening was 9 µR/hr. Based on the field screening, no materials or soil were identified that exceeded the NORM exemption limit in the State of New

Mexico (50 µR/hr, including background). As such, no survey areas required further delineation, and no samples were collected as part of the NORM survey. Based on the NORM screening performed, no soil or debris at the Salado No. 2 will special handling and disposal as NORM waste.

Analytical Testing Results. The analytical report is provided as **Attachment C**. As shown on **Tables 1** and **2**, analytical results were compared to the closure criteria presented on Table I of NMAC 19.15.29.12 for sites with a groundwater depth between 50 ft and 100 ft bgs, as well as the reclamation limits as presented in NMAC 19.15.29.13. The analytical methods required for soil samples, remediation and closure limits, and reclamation limits are summarized in the table below.

CONSTITUENT	METHOD	REMEDIATION & CLOSURE LIMITS	RECLAMATION LIMITS*
Chloride	EPA 300.0 or SM4500 Cl B	10,000 mg/kg	600 mg/kg
TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg	100 mg/kg
GRO+DRO	EPA SW-846 Method 8015M	1,000 mg/kg	None
BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg	50 mg/kg
Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg	10 g/kg

* The reclamation limits are based on NMAC 19.15.29.13 and only applies to the upper 4.0 ft of soil with respect to the original/natural ground surface.

- Chloride Results. The field screening chloride measurements and laboratory-reported chloride concentrations for soil samples collected as part of site assessment activities are shown on **Table 1**, and the chloride values are presented for each sample location on **Figure 3**. As shown, there is a good correlation between the field screening measurements and the analytical results. For chloride concentrations of most interest (i.e., in general vicinity of the New Mexico Reclamation Limit of 600 mg/kg), the field screening technique appeared to slightly over-estimate the actual laboratory-reported concentration. Furthermore, in no instance did field screening indicate a chloride concentration below 600 mg/kg, when the laboratory result indicated a concentration above 600 mg/kg. This demonstrates that the screening method used was both conservative and appropriate for the field evaluation.

  As shown on **Table 1**, the highest chloride concentration was identified in soil sample B04 (0-0.5), which was laboratory-reported at 6,800 mg/kg. The second highest chloride concentration was identified in soil sample B08 (0-0.5), which was reported at 1,320 mg/kg. There were no samples reported with a chloride concentration that exceeded the respective New Mexico Remediation and Closure Limit (i.e., 10,000 mg/kg chloride). Therefore, there were no areas identified that would require remediation activities due to chloride impacts above the Remediation and Closure Limit.

  As stated by NMAC 19.15.29.13.D(1), “the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material.” Therefore, additional evaluation was performed for soil samples collected within the upper 4.0 ft with respect to the original/natural ground surface. Based on the results, only two soil samples were reported with chloride concentrations in excess of the New Mexico Reclamation Limit for chloride (i.e., 600 mg/kg). These were samples B04 (0-0.5) and B08 (0-0.5). In both cases, the reported concentrations were below the New Mexico Remediation and Closure Limit of 10,000 mg/kg for chloride, and field screening of the deeper soil samples indicated that the deeper samples at these two locations were also well below 10,000 mg/kg.

Based on the results of field-screening and laboratory analysis of chloride for soil samples, remediation activities are not required as there were no exceedances of the Remediation and Closure Limit for chloride. However, two locations (B04 and B08) had samples collected within the upper 4.0 ft that were reported with chloride concentrations above the Reclamation Limit, which indicates reclamation activities were necessary for these two locations. Proposed reclamation activities for these two areas are described in the "Reclamation Plan" section below.

- TPH and BTEX Results. Ten soil samples were submitted to the Eurofins Midland Laboratory for TPH and BTEX analyses. The results of the TPH and BTEX analyses are provided on **Table 2.** As shown on **Table 2**, GRO and/or DRO were identified in one or more of the samples; however, none of the organic fractions were identified above their respective New Mexico Remediation and Closure Limits, nor their respective New Mexico Reclamation Limits.

  Additionally, toluene was identified in one or more of the ten samples submitted for BTEX analyses. There is not a Remediation and Closure Limit nor a Reclamation Limit established for toluene. However the total BTEX Remediation and Closure Limit and Reclamation Limit is 50 mg/kg. There were no total BTEX concentrations reported for any of the samples that exceeded this limit. Therefore, there were no areas identified that would require remediation or reclamation activities due to TPH or BTEX impacts.

CONCLUSIONS

Site assessment activities were conducted in June 2023 to evaluate the current environmental conditions associated with the Salado No. 2 facility. The conclusions and recommendations based on the site assessment activities are presented below:

- Based on the results of the NORM survey, no soil or debris currently at the Salado No. 2 is required to be managed and disposed of as NORM waste.

- No areas were identified with constituents that exceeded the Remediation and Closure Limits documented on Table I for Sites with a groundwater depth from 50 to 100 ft bgs. Therefore, no remediation or closure activities are warranted for the Salado No. 2 facility.

- Chloride concentrations were reported in excess of the Reclamation Limit (i.e., 600 mg/kg for upper 4 ft of soil) in two soil samples collected at locations B04 and B08. Therefore, reclamation activities are needed to address chloride-impacted soil in the upper 4.0 ft of soil with respect to the original/natural ground surface. Reclamation of the site is planned, as detailed below.

REMEDIATION PLAN

Based on the results of site assessment activities, no areas were identified with constituents that exceeded the Remediation and Closure Limits documented on Table I for Sites with a groundwater depth from 50 to 100 ft bgs. Therefore, no remediation or closure activities are warranted for the Salado No. 2 facility.

Additionally, it is requested that Incident No. NVV2003451829 be closed out in the New Mexico OCD records, as there were no areas identified with impacts above the appropriate New Mexico Remediation and Closure Limits, and thus, there were no areas identified that require remediation or closure activities.

The C-141 Initial Release Form that was received by the OCD on 22 January 2020 was based on the belief that the minimum depth to groundwater beneath the area affected by the release was 23 ft bgs. It is unknown why the depth to groundwater was believed to be 23 ft bgs at that time. In the event the depth to groundwater was 23 ft bgs, the Remediation and Closure Limits would be more conservative, and remediation and closure activities would be warranted to close out Incident No. NVV2003451829. However, a review of historical documentation indicated the depth to groundwater at the Salado No. 2 as being greater than 50 ft bgs. A document titled "Salado No 2 Monitor Well Installation Attempt" was identified on pages 292 through 304 of the Salado No. 2 OCD Administrative and Environmental Files from the OCD Online Imaging database. This document describes the attempt to install a monitoring well at Salado No. 2 to no avail due to the lack of groundwater within 50 ft of the ground surface. The "Salado No 2 Monitor Well Installation Attempt" document is provided in **Attachment A**. When evaluating reported concentrations against the appropriate Remediation and Closure Limits that are based on a minimum depth to groundwater of 51 to 100 ft bgs, there were no exceedances, and thus, no remediation or closure activities are necessary. Therefore, no remediation or closure activities are warranted for the Salado No. 2 facility and Incident No. NVV2003451829 can be closed out in the New Mexico OCD records.

RECLAMATION PLAN

Based on the results of site assessment activities, reclamation of the Salado No. 2 is planned at two locations (B04 and B08). Restoration and reclamation activities will be performed in accordance with all applicable rules and regulations, as described below.

- Reclamation is planned for the two areas of shallow soil where chloride concentrations were laboratory-reported above the Reclamation Limit for New Mexico (i.e., 600 mg/kg).
- Soil with chloride concentrations above 600 mg/kg in the upper 4 ft in these two areas will be addressed by using one or more of the following methods:
    - Excavation and removal,
    - On-site soil washing, or
    - Soil blending.

  The "excavation and removal" approach includes excavating the upper 4.0 ft of soil for the proposed remediation areas and hauling the excavated material offsite. The "on-site soil washing" approach includes excavating the soil for on-site soil washing. The soil washing method extracts the chloride content from the impacted areas. The washed soil (which will be confirmed to be less than 600 mg/kg chloride) will be used to backfill the previously impacted areas. If onsite soil washing is performed, the spent wash water (impacted with chloride) will be hauled to a nearby disposal facility for disposal. The "soil blending" approach includes blending impacted soil (i.e., soil with chloride content greater than 600 mg/kg) with non-impacted soil (i.e., soil with chloride content less than 600 mg/kg) until the resulting soil mixture contains chloride concentration below 600 mg/kg. Regardless of the final approach used, the soil that is placed back in the excavation areas will be confirmed to be meet the Reclamation Limits presented in the table above, which are based on NMAC 19.15.29.13.

- The proposed excavation areas for each of the locations identified with chloride concentrations in excess of the New Mexico Reclamation Limit are presented on **Figure 3**. As shown, the proposed excavation area for B04 includes the entire footprint of the former drying slab plus an additional 2 ft of excavation extended in each cardinal direction. Similarly, the proposed excavation area for B08 includes the entire footprint of the former load rack plus an additional 2-ft of excavation extended in each cardinal direction. The following table presents information for the proposed excavation areas.

SAMPLE LOCATION	PROPOSED EXCAVATION DEPTH (ft)	PROPOSED LENGTH & WIDTH (ft x ft)	PROPOSED EXCAVATION AREA (ft^2)	PROPOSED EXCAVATION VOLUME- IN-SITU (ft^3)	PROPOSED EXCAVATION VOLUME- IN-SITU (yds^3)
B04	4.0	75' x 25'	1,875	7,500	278
B08	4.0	50' x 20'	1,000	4,000	148

- All areas disturbed by the reclamation will be reclaimed, as early and as nearly as practical to their final land use.
- The soil cover will include a top layer, which will either be the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.
- All areas disturbed by reclamation activities will be reseeded.
- Following reclamation activities, a Reclamation Report will be submitted to the OCD. The Report will document the reclamation activities completed, including any backfilling, and/or topographic grading, where applicable. The Report will also include a scaled site map, photographs of the reclamation site prior to backfill, and a description of all reclamation activities performed.
- The OCD will be notified when reclamation activities are complete.

CLOSING

SQE appreciates the opportunity to assist you with this project. Please contact me if you have any questions or would like to discuss the contents of this letter report. I may be reached by phone at 512-541-6028 or email r.gonzalez@sqenv.com.

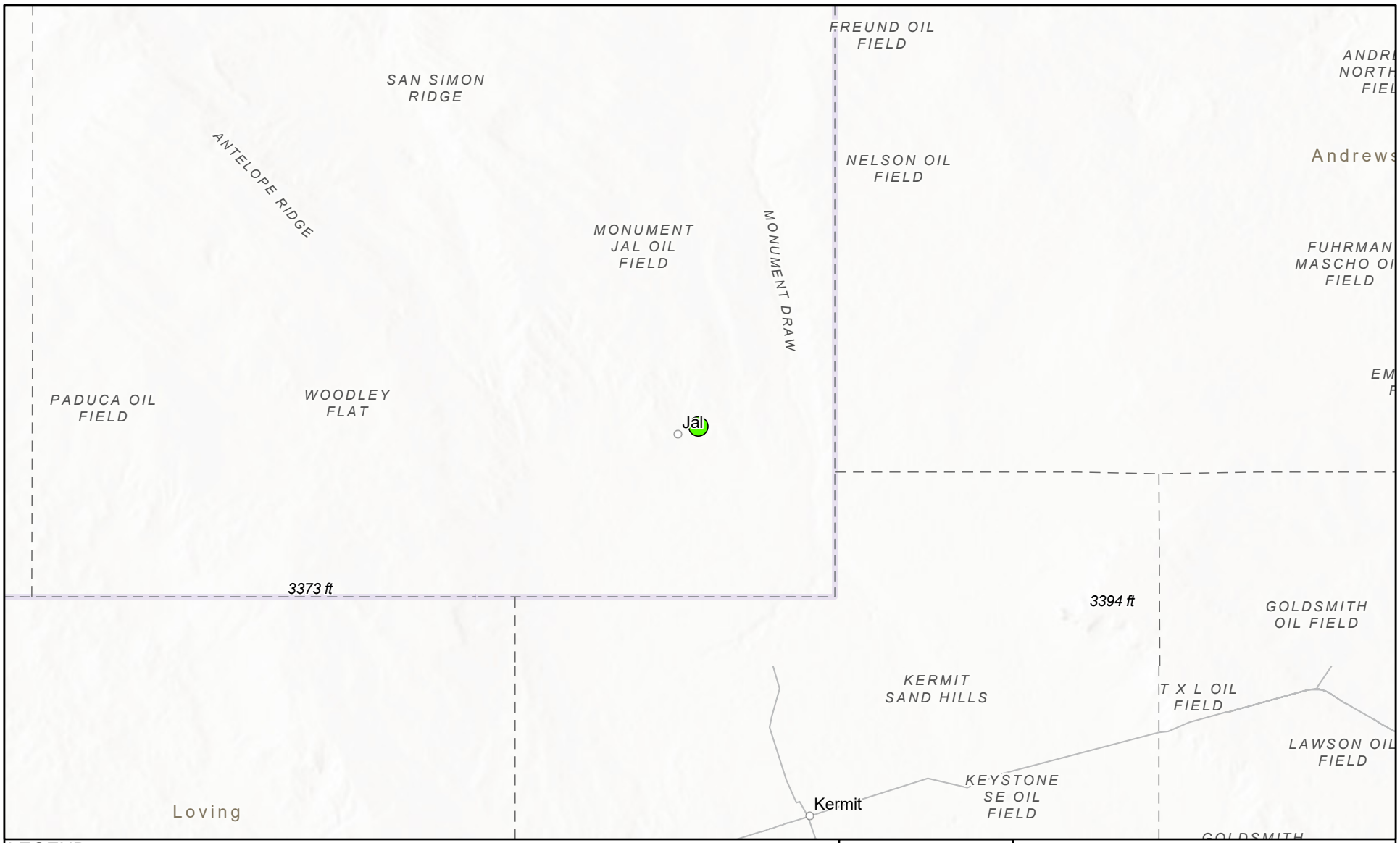
Sincerely,
SQ Environmental, LLC

Randy Gonzalez
Sr. Project Manager

cc: Dan Dear – SALM

Attachments

Figure 1 – Property Location Map
Figure 2 – Sample Location Map
Figure 3 – Proposed Reclamation Excavation Map
Table 1 –Field Screening and Analytical Chloride Results for Soil Samples
Table 2 – Summary of Soil Analytical Results
Attachment A – E-mail Correspondence with OCD on Closure Criteria
Attachment B – Photographic Log
Attachment C – Analytical Data Report



LEGEND

PROPERTY LOCATION, APPROXIMATE

SOURCE: IMAGE COURTESY OF ESRI AND THE WORLD TERRAIN REFERENCE.

NOTES:
1. PURPLE LINE IS TEXAS - NEW MEXICO BOUNDARY.
2. DASHED LINES ARE COUNTY BOUNDARIES.

0 4 8
MILES

N

SQ Environmental, LLC

FIGURE 1

PROPERTY LOCATION MAP

SALADO #2 BRINE STATION
LAT/LONG: 32.118925, -103.176836
JAL, LEA COUNTY, NEW MEXICO

SCALE:	DATE:	PN:
1" = 8 MILES	AUGUST 2023	1180.002.001

GOOGLE EARTH AERIAL DATED 2/7/2011

LEGEND

SAMPLE LOCATION

SECONDARY CONTAINMENT (EARTHEN BERMS)

NOTES:

1. SURFACE EQUIPMENT AND FEATURES (E.G., DRYING SLAB, WASHOUT PIT, RACKS) SHOWN ON AERIAL HAVE BEEN PREVIOUSLY REMOVED AND ARE NO LONGER PRESENT. THE HISTORICAL AERIAL DATED 2/7/2011 AND DESCRIPTIONS WERE USED TO SHOW THE FORMER LAYOUT OF THE SALADO NO. 2.

2. BRINE WELL HAS BEEN PLUGGED AND ABANDONED.

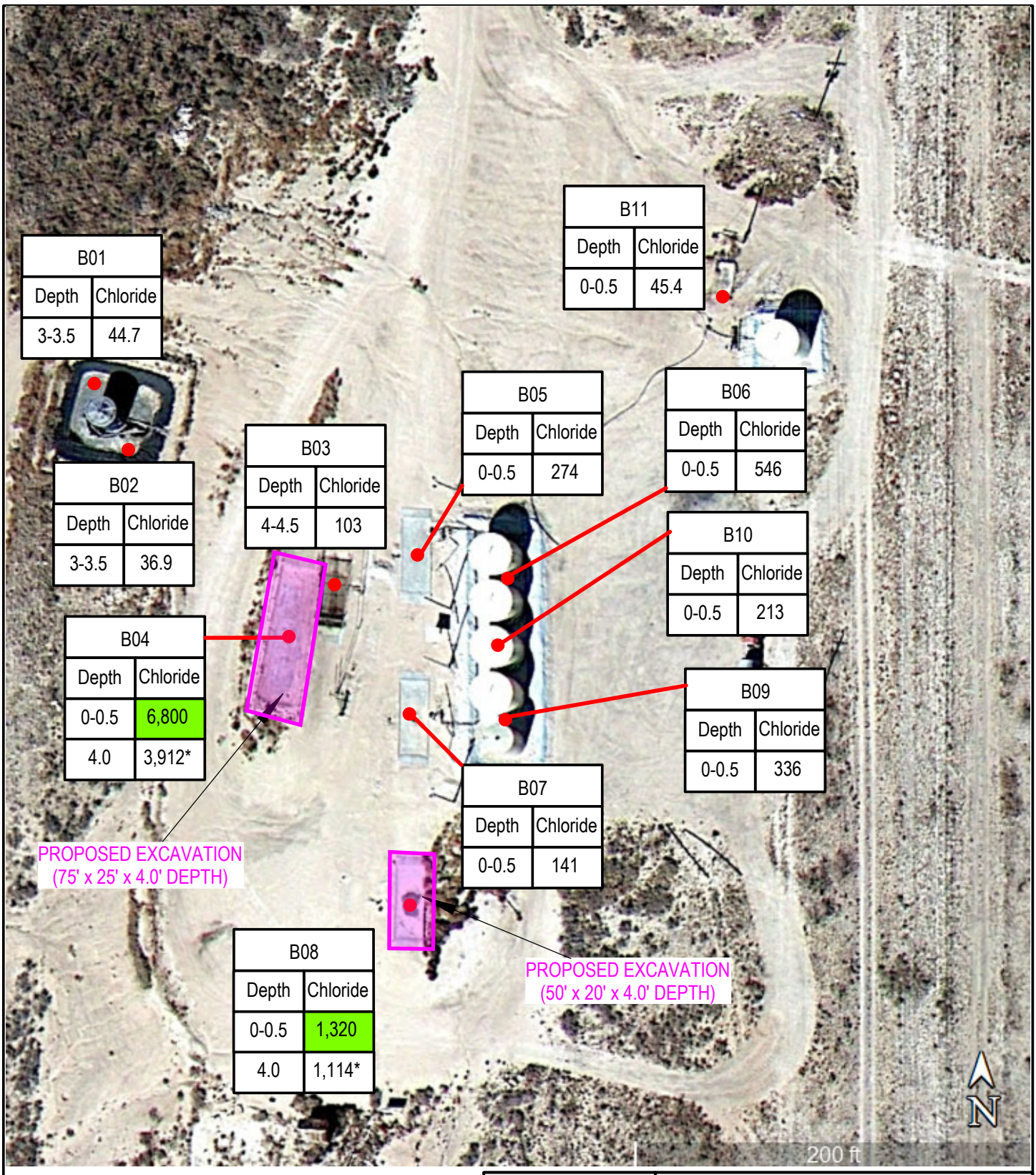
SQ Environmental, LLC

FIGURE 2

SAMPLE LOCATION MAP

SALADO NO. 2 BRINE STATION, API 30-025-32394
32.118925, -103.176836
JAL, LEA COUNTY, NEW MEXICO

SCALE:	DATE:	PN:
AS SHOWN	OCT 2023	1180.002.001



GOOGLE EARTH AERIAL DATED 2/7/2011

LEGEND

SAMPLE LOCATION

PROPOSED EXCAVATION AREA

NOTES:

1. SAMPLE DEPTHS PRESENTED ON FIGURE ARE IN UNITS OF FEET BELOW ORIGINAL/NATURAL GROUND SURFACE.
2. CHLORIDE CONCENTRATIONS PRESENTED ON FIGURE ARE IN UNITS OF MILLIGRAMS PER KILOGRAM.
3. CHLORIDE CONCENTRATIONS PRESENTED WITH AN ASTERISK (*) INDICATE VALUE IS FROM FIELD-SCREENING METHODS.
4. GREEN HIGHLIGHTED VALUES INDICATE EXCEEDANCE OF NEW MEXICO RECLAMATION LIMIT.

SQ Environmental, LLC

FIGURE 3

PROPOSED RECLAMATION EXCAVATION PLAN

SALADO NO. 2 BRINE STATION, API 30-025-32394
32.118925, -103.176836
JAL, LEA COUNTY, NEW MEXICO

SCALE:	DATE:	PN:
AS SHOWN	OCT 2023	1180.002.001

TABLE 1
FIELD SCREENING AND ANALYTICAL CHLORIDE RESULTS FOR SOIL SAMPLES
SALADO NO. 2 BRINE STATION, API NO. 30-025-32394
32.118925, -103.176836
LEA COUNTY, NEW MEXICO

Sample Location	Sample ID	Laboratory ID	Sample Date	Sample Depth Interval (ft bgs)	Corrected Sample Depth Interval (ft bgs)	Field-Screen Conductivity (uS/cm)	CHLORIDE				
							Remediation & Closure Limit[1] (mg/kg)	Reclamation Limit[2] (mg/kg)	Field Screening (mg/kg)	Analytical Result (Method 300.0) (mg/kg)	
B01	B01 (0-0.5)	880-29962-1	6/23/2023	0 - 0.5	3 - 3.5	332	10,000	600	429.8	44.7	
B02	B02 (0-0.5)	880-29962-2	6/23/2023	0 - 0.5	3 - 3.5	51	10,000	600	72.5	36.9	
B03	B03 (0-0.5)	880-29962-3	6/23/2023	0 - 0.5	4 - 4.5	321	10,000	600	487.5	103	
B04	B04 (0-0.5)	880-29962-4	6/23/2023	0 - 0.5	0 - 0.5	3,300	10,000	600	4,997	6,800	
	B04 (4.0)	880-29962-5	6/23/2023	4.0	4.0	2,630	10,000	N/A	3,912	==	
B05	B05 (0-0.5)	880-29962-6	6/23/2023	0 - 0.5	0 - 0.5	246	10,000	600	360.8	274	
B06	B06 (0-0.5)	880-29962-7	6/23/2023	0 - 0.5	0 - 0.5	500	10,000	600	722.3	546	
	B06 (1.0)	880-29962-8	6/23/2023	1.0	1.0	279	10,000	600	418.5	==	
B07	B07 (0-0.5)	880-29962-9	6/23/2023	0 - 0.5	0 - 0.5	133	10,000	600	193.7	141	
B08	B08 (0-0.5)	880-29962-10	6/23/2023	0 - 0.5	0 - 0.5	797	10,000	600	1,198	1,320	
	B08 (4.0)	880-29962-12	6/23/2023	4.0	4.0	746	10,000	N/A	1,114	==	
B09	B09 (0-0.5)	880-29962-13	6/23/2023	0 - 0.5	0 - 0.5	264	10,000	600	395.9	336	
B10	B10 (0-0.5)	880-29962-14	6/23/2023	0 - 0.5	0 - 0.5	210	10,000	600	304.2	213	
B11	B11 (0-0.5)	880-29962-15	6/23/2023	0 - 0.5	0 - 0.5	196	10,000	600	292.5	45.4	

Notes:

[1] Remediation & Closure Limits based on the Closure Criteria presented on Table I of New Mexico Administrative Code (NMAC) 19.15.29.12 for sites with a groundwater depth between 50 ft and 100 ft bgs.

[2] Reclamation Limit based on Limit presented in NMAC 19.15.29.13 for upper 4.0 ft of soil.

ft bgs - Feet below ground surface

mg/kg - milligram per kilogram

µS/cm - microsiemens per centimeter

== Constituent was not analyzed.

Bold values indicate concentration reported above the laboratory Reporting Limit.

Gray shaded value indicates the critical New Mexico Limit used to compare reported value against.

Green shaded value indicates sample result exceeds critical New Mexico Limit.

TABLE 2
TPH AND BTEX ANALYTICAL RESULTS FOR SOIL SAMPLES
SALADO NO. 2 BRINE STATION, API NO. 30-025-32394
32.118925, -103.176836
LEA COUNTY, NEW MEXICO

Analyte	Remediation & Closure Limit[1] mg/kg	Reclamation Limit[2] mg/kg	Sample ID / Lab ID / Date / Depth / Corrected Depth / Units	B01 (0-0.5) 880-29962-1 6/23/2023 0 - 0.5 ft bgs 3 - 3.5 ft bgs mg/kg		B03 (0-0.5) 880-29962-3 6/23/2023 0 - 0.5 ft bgs 4 - 4.5 ft bgs mg/kg		B04 (0-0.5) 880-29962-4 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg		B05 (0-0.5) 880-29962-6 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg		B06 (0-0.5) 880-29962-7 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg	
TPH (EPA SW-846 Method 8015M)													
GRO (C6-C10)	--	--		<15.0	U	16.2	J,B	20.0	J,B	<15.0	U	18.2	J,B
DRO (>C10-C28)	--	--		26.3	J	23.8	J	23.1	J	23.2	J	22.1	J
ORO (>C28-C36)	--	--		<15.0	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
GRO+DRO (C6-C28)	1,000	--		26.3	J	40.0	J	43.1	J	23.2	J	40.3	J
Total TPH	2,500	100		26.3	J	40.0	J	43.1	J	23.2	J	40.3	J
BTEX (EPA SW-846 Method 8021B)													
Benzene	10	10		<0.000383	U	<0.000383	U	<0.000381	U	<0.000385	U	<0.000387	U
Ethylbenzene	--	--		<0.000563	U	<0.000562	U	<0.000559	U	<0.000565	U	<0.000567	U
Toluene	--	--		0.000942	J	0.000528	J	0.000887	J	0.00137	J	0.000570	J
m-Xylene & p-Xylene	--	--		<0.00101	U	<0.00100	U	<0.00100	U	<0.00101	U	<0.00101	U
o-Xylene	--	--		<0.000343	U	<0.000342	U	<0.000341	U	<0.000344	U	<0.000345	U
Xylenes, Total	--	--		<0.00101	U	<0.00100	U	<0.00100	U	<0.00101	U	<0.00101	U
Total BTEX	50	50		<0.00101	U	<0.00100	U	<0.00100	U	0.00137	J	<0.00101	U

NOTES:

[1] Remediation & Closure Limits based on criteria on Table I of New Mexico Administrative Code (NMAC) 19.15.29.12 for sites with a groundwater depth between 50 ft & 100 ft bgs

[1] Reclamation Limit based on Limit presented in NMAC 19.15.29.13 for upper 4.0 ft of soil.

-- No value.

== Constituent was not analyzed.

< and U - Analyte not detected above Method Detection Limit (MDL).

J - Analyte was identified above the MDL and below the Reporting Limit (RL).

B - Compound was found in the blank and sample.

mg/kg - milligram per kilogram

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil Range Organics

Bold values indicate concentration reported above the MQL.

TABLE 2
TPH AND BTEX ANALYTICAL RESULTS FOR SOIL SAMPLES
SALADO NO. 2 BRINE STATION, API NO. 30-025-32394
32.118925, -103.176836
LEA COUNTY, NEW MEXICO

Analyte	Remediation & Closure Limit[1] mg/kg	Reclamation Limit[2] mg/kg	Sample ID / Lab ID / Date / Depth / Corrected Depth / Units	B07 (0-0.5) 880-29962-9 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg		B08 (0-0.5) 880-29962-10 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg		B09 (0-0.5) 880-29962-13 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg		B10 (0-0.5) 880-29962-14 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg		B11 (0-0.5) 880-29962-15 6/23/2023 0 - 0.5 ft bgs 0 - 0.5 ft bgs mg/kg	
TPH (EPA SW-846 Method 8015M)													
GRO (C6-C10)	--	--		17.4	J,B	<15.0	U	<15.0	U	<15.0	U	<14.9	U
DRO (>C10-C28)	--	--		29.7	J	21.2	J	20.3	J	21.6	J	17.4	J
ORO (>C28-C36)	--	--		<15.0	U	<15.0	U	<15.0	U	<15.0	U	<14.9	U
GRO+DRO (C6-C28)	1,000	--		47.1	J	21.2	J	20.3	J	21.6	J	17.4	J
Total TPH	2,500	100		47.1	J	21.2	J	20.3	J	21.6	J	17.4	J
BTEX (EPA SW-846 Method 8021B)													
Benzene	10	10		<0.000383	U	<0.000385	U	<0.000381	U	<0.000387	U	<0.000389	U
Ethylbenzene	--	--		<0.000562	U	<0.000565	U	<0.000559	U	<0.000567	U	<0.000571	U
Toluene	--	--		0.000511	J	0.000483	J	<0.000451	U	0.000476	J	0.000504	J
m-Xylene & p-Xylene	--	--		<0.00100	U	<0.00101	U	<0.00100	U	<0.00101	U	<0.00102	U
o-Xylene	--	--		<0.000342	U	<0.000344	U	<0.000341	U	<0.000345	U	<0.000347	U
Xylenes, Total	--	--		<0.00100	U	<0.00101	U	<0.00100	U	<0.00101	U	<0.00102	U
Total BTEX	50	50		<0.00100	U	<0.00101	U	<0.00100	U	<0.00101	U	<0.00102	U

NOTES:

[1] Remediation & Closure Limits based on criteria on Table I of New Mexico Administrative Code (NMAC) 19.15.29.12 for sites with a groundwater depth between 50 ft & 100 ft bgs

[1] Reclamation Limit based on Limit presented in NMAC 19.15.29.13 for upper 4.0 ft of soil.

-- No value.

== Constituent was not analyzed.

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J - Analyte was identified above the MDL and below the Reporting Limit (RL).

B - Compound was found in the blank and sample.

mg/kg - milligram per kilogram

BTEX - Benzene, Toluene, Ethylbenzene, and Xylenes

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

ORO - Oil Range Organics

Bold values indicate concentration reported above the MQL.

ATTACHMENT A
SUPPORTING INFORMATION

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NVV2003451829
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Basic Energy Services	OGRID 246368
Contact Name Gary Pritchett	Contact Telephone 432.213.6641
Contact email Gary.Pritchett@basicenergyservices.com	Incident # *(assigned by OCD)* NVV2003451829
Contact mailing address P.O. Box 1375, Artesia, NM 88221	

Location of Release Source

Latitude 32.1194572 Longitude -103.1765289
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Salado Brine SWD	Site Type Salt Water Disposal
Date Release Discovered 08/15/2019	API# *(if applicable)* 30-025-32394

Unit Letter	Section	Township	Range	County
A~~1305~~	20	25S	37E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (*Name:* _____)
VV

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Unknown On 08/15/2019, after the removal of all man made debris from the location for purposes of closure, initial samples were taken to define chemicals of concerns (spefically cholorides, TPH and BTEX), analytical data showed concentrations of Chlorides and TPH above the Table 1 cleanup concentrations of 600 mg/kg for chlorides and 100 mg/kg of TPH.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NVV2003451829
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? The release/contamination was discovered after a sample of the soil was analyzed for site closure.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- ☐ The source of the release has been stopped.
- ☐ The impacted area has been secured to protect human health and the environment.
- ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: GARY PRITCHARD Title: MANAGER

Signature: Date: 1-20-20

email: GARY.PRITCHARD@BASICENERGYSERVICES.COM Telephone: 432-213-6641

OCD Only

Received by: Victoria Venegas Date: 02/03/2020

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	23 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: GARY PRITCHETT Title: MANAGER

Signature: [signature] Date: 1-20-20

email: GARY.PRITCHETT@BASICENERGYSERVICES.COM Telephone: 432-213-6641

OCD Only

Received by: _____ Date: _____

Randy Gonzalez

From: Randy Gonzalez
Sent: Tuesday, April 11, 2023 12:03 PM
To: 'Bratcher, Michael, EMNRD'; 'Romero, Rosa, EMNRD'
Cc: 'Griswold, Jim, EMNRD'; 'Dan Dear'; 'Kim Henderson'; 'Gary B Pritchett'; 'Emily Chatmas'
Subject: RE: [EXTERNAL] Salado #2 (API No. 30-25-32394) - Incident ID NVV2003451829

Mike,

Thanks for discussing the items detailed in the email below with me. With your concurrence, we will be moving forward with site assessment and delineation activities using the closure criteria defined for groundwater at depths greater than 50 ft and less than or equal to 100 ft. We also understand that, based on Rule 19.15.29.13, the reclamation must contain a minimum of four (4) feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg. Thank you.

Randy Gonzalez
SQ Environmental
512-541-6028

From: Randy Gonzalez [mailto:r.gonzalez@sqenv.com]
Sent: Tuesday, March 28, 2023 8:18 AM
To: 'Bratcher, Michael, EMNRD' <mike.bratcher@emnrd.nm.gov>; 'Romero, Rosa, EMNRD' <RosaM.Romero@emnrd.nm.gov>
Cc: 'Griswold, Jim, EMNRD' <Jim.Griswold@emnrd.nm.gov>; 'Dan Dear' <DDear@selectenergy.com>; 'Kim Henderson' <KHenderson@selectenergy.com>; 'Gary B Pritchett' <GPritchett@selectenergy.com>; 'Emily Chatmas' <e.chatmas@sqenv.com>
Subject: RE: [EXTERNAL] Salado #2 (API No. 30-25-32394) - Incident ID NVV2003451829

Mike,

I wanted to touch base and see if there happened to be an update regarding the email below. For your convenience, I've reattached the attachments that were included in the 7 March 2023 email below. Please let me know if you have any questions or would like additional information. Thank you.

Randy Gonzalez
SQ Environmental
512-541-6028

From: Randy Gonzalez [mailto:r.gonzalez@sqenv.com]
Sent: Tuesday, March 7, 2023 6:00 PM
To: 'Bratcher, Michael, EMNRD' <mike.bratcher@emnrd.nm.gov>; 'Romero, Rosa, EMNRD' <RosaM.Romero@emnrd.nm.gov>
Cc: 'Griswold, Jim, EMNRD' <Jim.Griswold@emnrd.nm.gov>; 'Jake Henderson' <JHenderson@selectenergy.com>; 'Kim Henderson' <KHenderson@selectenergy.com>; 'Gary B Pritchett' <GPritchett@selectenergy.com>; Emily Chatmas <e.chatmas@sqenv.com>
Subject: RE: [EXTERNAL] Salado #2 (API No. 30-25-32394) - Incident ID NVV2003451829

Mike,

Thank you for speaking with me on the phone this afternoon. As mentioned, I'm in the process of preparing the site characterization/assessment work plan and would like to confirm the closure criteria that will be required for Salado No. 2.

Based on 19.15.29.11.A(5)(b), "the responsible party must delineate the release horizontally and vertically using Table I of 19.15.29.12 NMAC constituents…"

The closure criteria presented on Table I is based on the shallowest depth to groundwater beneath the area affected by the release. The Initial C-141 Release Report that was received by the OCD on 22 January 2020 indicates the shallowest depth to groundwater as 23 feet (ft) below ground surface (bgs). However, a review of historical documentation indicates the depth to groundwater at the Salado No. 2 as being greater than 50 ft bgs. For your convenience, I've attached a document titled "Salado No 2_MW Installation Attempt_Pgs 292-304. OCD_Administrative and Environmental Files" that describes the attempt to install a monitoring well at Salado No. 2 to no avail due to the lack of groundwater within 50 ft of the ground surface. The attached document can also be found as pages 292 through 304 of the Salado No. 2 Administrative and Environmental Files from the OCD Online Imaging database. Based on the information presented above, groundwater at the Salado No. 2 is greater than 50 ft bgs.

Based on 19.15.29.11.A(5)(c), "if the release occurred outside of a lined containment area and is in an area where depth to ground water is greater than 50 feet and less than or equal to 100 feet, the responsible party must delineate the vertical extent of the release to the greater of 600 mg/kg chloride or background chloride level, if:

(i) the release contains produced water that exceeds 10,000 mg/l of chloride (if the responsible party contends the fluid is less than 10,000 mg/l, the responsible party must provide current sample results to the division); and

(ii) the release is of an unknown quantity or results in greater than 200 barrels of unrecovered produced water."

The impacted soil at Salado No. 2 is not believed to be from a single release incident, but from incidental releases (i.e., less than 1 bbl) that occurred over the operational period of Salado No. 2, which began in 1993 and continued until circa 2016 (i.e., 23 years total). Based on this information, it does not appear that 19.15.29.11.A(5)(c) applies to the Salado No. 2.

Based on 19.15.29.12(C)(4), there are several criteria that would require the responsible party to treat the release as if it occurred less than 50 ft to groundwater in Table I of 19.15.29.12 NMAC. An initial evaluation was performed for those criteria expressed in 19.15.29.12(C)(4), and none of the criteria are believed to apply to Salado No. 2. As part of the evaluation, a search for water wells within 1,000-ft of Salado No. 2 using the OSE POD Locations Mapping Tool was performed (see attached "OSE Pod Locations_1,000 ft Radius_Salado No. 2" jpg file for results). As shown, there were 2 PODs identified within 1,000 ft of the Salado No. 2: "CP 00124" and "CP00125." Based on the Mapping Tool layer feature, the "CP 00124" is not an active POD and is designated as an "Other" POD, and "CP00125" is also not an active POD and is designated as an "Unknown" POD. Additional records review was performed, and "CP 00124" appears to be used for commercial purposes and "CP 00125" has a "no use of right or POD" designation. For your convenience, the OSE records that were available for these two PODs have been attached to this email. Based on this information, the two PODs identified within 1,000 ft of Salado No. 2 do not appear to meet the criterion expressed in 19.15.29.12(C)(4).

It should be noted that Salado No. 2 was supplied with fresh water by the City of Jal Public Water Supply System (see attached "Facility Layout_Salado No. 2" PDF). Based on the information presented above, the Salado No. 2 appears to meet the closure criteria for groundwater at depths greater than 50 ft and less than or equal to 100 ft. Does the OCD concur with this evaluation?

I also understand that, based on 19.15.29.13, the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg. Please let me know if you have any questions or would like additional information.

Respectfully,

Randy Gonzalez
SQ Environmental
512-541-6028

From: Bratcher, Michael, EMNRD [mailto:mike.bratcher@emnrd.nm.gov]
Sent: Friday, February 24, 2023 12:29 PM
To: Randy Gonzalez <r.gonzalez@sqenv.com>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>
Cc: Griswold, Jim, EMNRD <Jim.Griswold@emnrd.nm.gov>; Jake Henderson <JHenderson@selectenergy.com>; Kim Henderson <KHenderson@selectenergy.com>
Subject: RE: [EXTERNAL] Salado #2 (API No. 30-25-32394) - Incident ID NVV2003451829

Randy,

I am having to familiarize myself with this site. I have pulled Victoria Venegas out of the loop as she is no longer involved with this project. I am leaving Jim Griswold in for now as he may have some historical knowledge. First, I believe the table you included in the attachment is not for this site. It was in the report, but it is labeled as Southern Union Gas Grobe 2" Siphon, so this table basically doesn't mean anything for this site. From what I can tell so far, everything OCD has on this site is in the GW-25 file. Since a C-141 was required, you will need to follow requirements of 19.15.29, which is characterize the site, perform a delineation, and then submit a remediation proposal through OCD Permitting using the Incident number. It looks to me that at this point, you will be starting investigation/remediation from scratch. If you have seen any other data in the files that would indicate some of this may have been done, let me know and we can discuss.

Thanks,

Mike Bratcher ● Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Randy Gonzalez <r.gonzalez@sqenv.com>
Sent: Friday, February 24, 2023 10:44 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Romero, Rosa, EMNRD <RosaM.Romero@emnrd.nm.gov>
Cc: Venegas, Victoria, EMNRD <Victoria.Venegas@emnrd.nm.gov>; Griswold, Jim, EMNRD <Jim.Griswold@emnrd.nm.gov>; Jake Henderson <JHenderson@selectenergy.com>; Kim Henderson <KHenderson@selectenergy.com>
Subject: [EXTERNAL] Salado #2 (API No. 30-25-32394) - Incident ID NVV2003451829

Mike and Rosa,

I'm in the process of resolving Incident NVV2003451829 for the Salado #2 (API. No. 30-25-32394) with the EMNRD OCD. The Incident was originally reported by Basic Energy Services (former owner/operator) in 2020, and the process

for resolving this issue with the OCD appears to have stalled shortly thereafter. Since then, the Salado #002 has been acquired by my client (Select Agua Libre Midstream) and we are looking to get this incident resolved.

I reviewed all available records from the OCD Imaging database and identified one sample location map and one soil sample data table (see attached "Sample Lctn Mao and Lab Results_201-04" document) for samples collected in April 2019. I identified email correspondence from Sept/Oct of 2019 (5 - 6 months later) that appears to indicate additional samples were collected (see end of pg 2 and top of pg 3 of the attached "Email Chain from 2019" document), but unfortunately, the updated data table was not included in the available OCD Imaging records. Do you have these records available or any other records for assessment activities that have already been completed?

Thank you for your patience as I acquaint myself with the historical events for the Salado #2.

Randy L. Gonzalez
SQ Environmental, LLC
R.Gonzalez@SQEnv.com
www.SQEnv.com
512-541-6028

September 6, 2005

NMOCD Environmental
ATTN: Wayne Price
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: Salado Brine BW-025

Mr. Price:

As directed, Salado did attempt to drill and install a Monitor Well as your letter approved.

The well was advanced to a total depth of 50 feet, and was dry. The hole was then plugged. I took a soil sample at 20 feet which was at the top of a sand & gravel layer and also at TD, the analysis is attached.

Since we have no shallow water at this site, Salado will continue to monitor the offset water wells as earlier approved. Find within analytical, photos and log of well.

If you have any questions, please call.

Thanks,

Eddie W. Seay

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
(505)392-2236
seay04@leaco.net

ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINIOS
HOBBS, NM 88242
FAX TO: (505) 392-6949

Receiving Date: 08/24/05
Reporting Date: 08/25/05
Project Owner: D. PRATHER
Project Name: SALADO BRINE
Project Location: JAL, NM

Sampling Date: 08/24/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/Kg)	DRO (>C_{10}-C_{28}) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		08/24/05	08/24/05	08/25/05
H10110-1	MW-1-20	<10.0	<10.0	160
H10110-2	MW-1-50	<10.0	<10.0	24
Quality Control		796	781	980
True Value QC		800	800	1000
% Recovery		99.5	97.6	98.0
Relative Percent Difference		8.3	7.6	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl^-: Std. Methods 4500-Cl^-B
*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

8/25/05
Date

H10110.XLS

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page____ of____

Company Name:	Eddie Seay Consulting	BILL TO	PO #:
Project Manager:	Eddie Seay	Company:	
Address:	601 W Illinois	Attn:	
City:	Hobbs State: NM Zip: 88242	Address:	
Phone #:	2-2236	City:	
Fax #:	2-4949	State:	Zip:
Project #:	Salado Project Owner: D. Prather	Phone #:	
Project Name:	Salado Brine	Fax #:	
Project Location:	Jal NM		

FOR LAB USE ONLY				MATRIX						PRES.			SAMPLING		ANALYSIS REQUEST											
LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID:	ICE / COOL	OTHER :	DATE	TIME	TPH (8015)	Chlorides										
H10110-1	MW-1-20	C	1			✓					✓		8/24	9:15	✓	✓										
-2	MW-1-50	C	1			✓					✓		8/24	11:00	✓	✓										

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Sampler Relinquished: Eddie Seay	Date: 8/24	Received By:	Phone Result ☐ Yes ☐ No Additional Fax #:
	Time: 8:30		Fax Result: ☐ Yes ☐ No
Relinquished By:	Date:	Received By: (Lab Staff) Burgess Cook	REMARKS:
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool ☒ Yes ☐ No Intact ☒ Yes ☐ No	CHECKED BY: (Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.

Depth	Soil Column	Analytical Results	Petroleum Odor	Petroleum Stain	Soil Description
5			None	None	Caliche and Rock Layer, Dry
10			None	None	Soft Caliche , Dry
15			None	None	Caliche and Sand, Dry
20		TPH GRO/DRO: <10.0 ppm Chl: 160 ppm	None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, Dry
25			None	None	
30			None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, imbedded w/gravel, dry
35			None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, imbedded w/gravel and red clay, dry
40			None	None	
45			None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, imbedded w/ red clay, damp
50		TPH GRO/DRO: <10.0 ppm Chl: 24 ppm	None	None	Red Bed clay, dry

Soil Boring Completion Data

TD: 50 Feet bgs

Installed 24 Aug 05
Eddie Seay Consulting

Soil Boring Plugging Data

Cement, 10' bgs to surface

SB Cuttings, 10-25' bgs

Bentonite Plug, 25-30' bgs

SB Cuttings, 30-45' bgs

Bentonite Plug, 45-50' bgs

Prather
Salado Brine
SB-1
Lea County, New Mexico
GPS: 32 07 07N
103 10 36W

TITLE	DESCRIPTION
Prather Salado Brine	SB-1
DRAWN BY KAD	DATE 5 Aug 05

Rena Seay

From: "Price, Wayne" <WPrice@state.nm.us>
To: "Eddie Seay (E-mail)" <seay04@leaco.net>
Sent: Monday, May 23, 2005 9:48 AM
Subject: FW: Salado Brine sales BW-025 minor modification

> -----Original Message-----
> From: Price, Wayne
> Sent: Monday, May 23, 2005 9:46 AM
> To: Eddie Seay (E-mail); Paul Prather (E-mail)
> Cc: Sheeley, Paul; Johnson, Larry
> Subject: Salado Brine sales BW-025 minor modification
>
> Dear Mr. Prather and Seay:
>
> OCD is in receipt of the December 06, 2004 action plan for the above
> referenced facility. OCD hereby approves of the plan with the following
> conditions:
>
> 1. OCD recommends that the proposed monitor well be installed near the
> southwest corner of the wash-out pit drying pad.
>
> 2. The new monitor well shall be developed, purged and sampled pursuant
> to approved EPA methods. A geologic/lithologic log and well completion
> diagram for the well shall be provided. The sample shall be initially
> analyzed for BTEX (8021) and general chemistry. After initial sampling
> this well shall be sampled twice a year including the other four wells
> previously approved. These results shall be submitted in the annual
> report.
>
> 3. Salado will notify the OCD Santa Fe office and the OCD District
> office at least 72 hours in advance of all scheduled activities such that
> the OCD has the opportunity to witness the events and/or split samples
> during OCD's normal business hours.
>
> 4. Contamination found in any monitoring point that exceeds the Water
> Quality Control Commission Regulation (WQCC) groundwater standards
> shall require immediate corrective action. A corrective action plan shall
> be submitted within 30 days of discovery.
>
>
> Please be advised that NMOCD approval of this plan does not relieve Salado
> Brine Sales of liability should their operations fail to adequately
> investigate and remediate contamination that pose a threat to ground
> water, surface water, human health or the environment. In addition, NMOCD
> approval does not relieve Salado Brine Sales of responsibility for
> compliance with any other federal, state, or local laws and/or
> regulations.
>
>
>
> Sincerely:
>
> Wayne Price
> New Mexico Oil Conservation Division
> 1220 S. Saint Francis Drive
> Santa Fe, NM 87505
> 505-476-3487
> fax: 505-476-3462
> E-mail: WPRICE@state.nm.us
>

5/23/2005


S20 T25S
CHAPARRAL SERVICE, INC.
SALADO BRINE WELL #2
API-30-025-32394
UNIT A SEC. 20 25S 37E
TELEPHONE 395-2010


ECO/ENVIRO
DRILLING LLC
505-390 4740
NM LIC # WD 1626
LOVINGTON, N.M.

ATTACHMENT B
PHOTOGRAPHIC LOG

ATTACHMENT B
PHOTOGRAPHIC LOG

Photographs were taken from 6/21/23 to 6/22/23 by Randy Gonzalez with SQE.

Photo 1: Setting up backhoe before advancing test pit at sample location B03. Note: Location is inside former pit, which is below the natural ground surface.
Direction: Northeast

Photo 2: Preparing to advance test pit at sample location B03. Note: Location is inside former pit, which is below the natural ground surface.
Direction: Southwest

Photo 3: Advancing test pit at sample location B03. Note: Location is inside former pit, which is below the natural ground surface.
Direction: Southwest

Photo 4: Advancing test pit at sample location B03. Note: Location is inside former pit, which is below the natural ground surface.
Direction: Southeast

ATTACHMENT B
PHOTOGRAPHIC LOG

Photographs were taken from 6/21/23 to 6/22/23 by Randy Gonzalez with SQE.

Photo 5: Advancing test pit at sample location B05. Direction: Northwest

Photo 6: Advancing test pit at sample location B07. Direction: South (down)

Photo 7: Advancing test pit at sample location B08. Direction: Northeast

Photo 8: Backfilling the test pit at sample location B11 after sample collections and field measurements were performed. Direction: East-Southeast

ATTACHMENT C
ANALYTICAL DATA REPORT

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Natalie De Los Santos
SQ Environmental, LLC
PO BOX 1991
Austin, Texas 78767

Generated 6/28/2023 12:28:59 PM

JOB DESCRIPTION

Salado No. 2 Brine Station
SDG NUMBER Salado No. 2

JOB NUMBER

880-29962-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

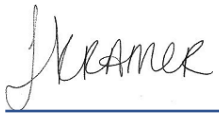
Eurofins Midland

Job Notes

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

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
6/28/2023 12:28:59 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Laboratory Job ID: 880-29962-1
SDG: Salado No. 2

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Definitions/Glossary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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.

HPLC/IC

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

Glossary

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

Case Narrative

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Job ID: 880-29962-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-29962-1

Receipt
The samples were received on 6/23/2023 1:26 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 5.0°C

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-56224 and 880-56255 and analytical batch 880-56253 was outside the control limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-56253 recovered below the lower control limit for Benzene. An acceptable CCV was ran within the 12 hour window therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-56253/43).

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

GC Semi VOA
Method 8015MOD_NM: The method blank for preparation batch 880-56231 and analytical batch 880-56397 contained Gasoline Range Organics (GRO)-C6-C10 above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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

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

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B01 (0-0.5)

Lab Sample ID: 880-29962-1
Matrix: Solid
Date Collected: 06/23/23 06:00
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/23/23 15:40	06/25/23 07:02	1
Toluene	**0.000942**	**J**	0.00199	0.000454	mg/Kg		06/23/23 15:40	06/25/23 07:02	1
Ethylbenzene	<0.000563	U	0.00199	0.000563	mg/Kg		06/23/23 15:40	06/25/23 07:02	1
m-Xylene & p-Xylene	<0.00101	U	0.00398	0.00101	mg/Kg		06/23/23 15:40	06/25/23 07:02	1
o-Xylene	<0.000343	U	0.00199	0.000343	mg/Kg		06/23/23 15:40	06/25/23 07:02	1
Xylenes, Total	<0.00101	U	0.00398	0.00101	mg/Kg		06/23/23 15:40	06/25/23 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*06/23/23 15:40*	*06/25/23 07:02*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*06/23/23 15:40*	*06/25/23 07:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00398	0.00101	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**26.3**	**J**	49.9	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 14:29	1
Diesel Range Organics (Over C10-C28)	**26.3**	**J**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 14:29	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*06/23/23 16:22*	*06/27/23 14:29*	*1*
o-Terphenyl	*123*		*70 - 130*	*06/23/23 16:22*	*06/27/23 14:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.7**		5.00	0.395	mg/Kg			06/27/23 14:32	1

Client Sample ID: B02 (0-0.5)

Lab Sample ID: 880-29962-2
Matrix: Solid
Date Collected: 06/23/23 06:05
Date Received: 06/23/23 13:26

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.9**		4.98	0.393	mg/Kg			06/27/23 14:48	1

Client Sample ID: B03 (0-0.5)

Lab Sample ID: 880-29962-3
Matrix: Solid
Date Collected: 06/23/23 06:10
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/23/23 15:40	06/25/23 07:23	1
Toluene	**0.000528**	**J**	0.00199	0.000453	mg/Kg		06/23/23 15:40	06/25/23 07:23	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/23/23 15:40	06/25/23 07:23	1

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Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B03 (0-0.5)

Date Collected: 06/23/23 06:10
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		06/23/23 15:40	06/25/23 07:23	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/23/23 15:40	06/25/23 07:23	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/23/23 15:40	06/25/23 07:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/23/23 15:40*	*06/25/23 07:23*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*06/23/23 15:40*	*06/25/23 07:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**40.0**	**J**	49.9	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**16.2**	**J B**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 15:43	1
Diesel Range Organics (Over C10-C28)	**23.8**	**J**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 15:43	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*06/23/23 16:22*	*06/27/23 15:43*	*1*
o-Terphenyl	*107*		*70 - 130*	*06/23/23 16:22*	*06/27/23 15:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		4.98	0.393	mg/Kg			06/27/23 14:53	1

Client Sample ID: B04 (0-0.5)

Date Collected: 06/23/23 06:15
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		06/23/23 15:40	06/25/23 07:44	1
Toluene	**0.000887**	**J**	0.00198	0.000451	mg/Kg		06/23/23 15:40	06/25/23 07:44	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg		06/23/23 15:40	06/25/23 07:44	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		06/23/23 15:40	06/25/23 07:44	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		06/23/23 15:40	06/25/23 07:44	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		06/23/23 15:40	06/25/23 07:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*06/23/23 15:40*	*06/25/23 07:44*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*06/23/23 15:40*	*06/25/23 07:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			06/26/23 09:22	1

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B04 (0-0.5)

Lab Sample ID: 880-29962-4
Matrix: Solid
Date Collected: 06/23/23 06:15
Date Received: 06/23/23 13:26

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**43.1**	**J**	49.9	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**20.0**	**J B**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:08	1
Diesel Range Organics (Over C10-C28)	**23.1**	**J**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:08	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*06/23/23 16:22*	*06/27/23 16:08*	*1*
o-Terphenyl	*116*		*70 - 130*	*06/23/23 16:22*	*06/27/23 16:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6800**		49.5	3.91	mg/Kg			06/27/23 14:58	10

Client Sample ID: B05 (0-0.5)

Lab Sample ID: 880-29962-6
Matrix: Solid
Date Collected: 06/23/23 06:25
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/23/23 15:40	06/25/23 08:04	1
Toluene	**0.00137**	**J**	0.00200	0.000456	mg/Kg		06/23/23 15:40	06/25/23 08:04	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/23/23 15:40	06/25/23 08:04	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/23/23 15:40	06/25/23 08:04	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/23/23 15:40	06/25/23 08:04	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/23/23 15:40	06/25/23 08:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*06/23/23 15:40*	*06/25/23 08:04*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*06/23/23 15:40*	*06/25/23 08:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00137**	**J**	0.00400	0.00101	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**23.2**	**J**	50.0	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:34	1
Diesel Range Organics (Over C10-C28)	**23.2**	**J**	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:34	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/23/23 16:22*	*06/27/23 16:34*	*1*

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Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B05 (0-0.5)

Lab Sample ID: 880-29962-6
Matrix: Solid
Date Collected: 06/23/23 06:25
Date Received: 06/23/23 13:26

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	*108*		*70 - 130*	*06/23/23 16:22*	*06/27/23 16:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**274**		5.00	0.395	mg/Kg			06/27/23 15:03	1

Client Sample ID: B06 (0-0.5)

Lab Sample ID: 880-29962-7
Matrix: Solid
Date Collected: 06/23/23 06:30
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/24/23 13:41	06/24/23 17:18	1
Toluene	**0.000570**	**J**	0.00201	0.000458	mg/Kg		06/24/23 13:41	06/24/23 17:18	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/24/23 13:41	06/24/23 17:18	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		06/24/23 13:41	06/24/23 17:18	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		06/24/23 13:41	06/24/23 17:18	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		06/24/23 13:41	06/24/23 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*06/24/23 13:41*	*06/24/23 17:18*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*06/24/23 13:41*	*06/24/23 17:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**40.3**	**J**	49.9	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**18.2**	**J B**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:59	1
Diesel Range Organics (Over C10-C28)	**22.1**	**J**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:59	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*110*		*70 - 130*	*06/23/23 16:22*	*06/27/23 16:59*	*1*
o-Terphenyl	*115*		*70 - 130*	*06/23/23 16:22*	*06/27/23 16:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**546**		4.97	0.393	mg/Kg			06/27/23 15:19	1

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B07 (0-0.5)

Lab Sample ID: 880-29962-9
Matrix: Solid
Date Collected: 06/23/23 06:40
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		06/24/23 13:41	06/24/23 17:39	1
Toluene	**0.000511**	**J**	0.00199	0.000453	mg/Kg		06/24/23 13:41	06/24/23 17:39	1
Ethylbenzene	<0.000562	U	0.00199	0.000562	mg/Kg		06/24/23 13:41	06/24/23 17:39	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		06/24/23 13:41	06/24/23 17:39	1
o-Xylene	<0.000342	U	0.00199	0.000342	mg/Kg		06/24/23 13:41	06/24/23 17:39	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		06/24/23 13:41	06/24/23 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*06/24/23 13:41*	*06/24/23 17:39*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*06/24/23 13:41*	*06/24/23 17:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00398	0.00100	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**47.1**	**J**	49.9	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**17.4**	**J B**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 17:23	1
Diesel Range Organics (Over C10-C28)	**29.7**	**J**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 17:23	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*06/23/23 16:22*	*06/27/23 17:23*	*1*
o-Terphenyl	*102*		*70 - 130*	*06/23/23 16:22*	*06/27/23 17:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**141**		4.98	0.393	mg/Kg			06/27/23 15:24	1

Client Sample ID: B08 (0-0.5)

Lab Sample ID: 880-29962-10
Matrix: Solid
Date Collected: 06/23/23 06:45
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/24/23 13:41	06/24/23 17:59	1
Toluene	**0.000483**	**J**	0.00200	0.000456	mg/Kg		06/24/23 13:41	06/24/23 17:59	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/24/23 13:41	06/24/23 17:59	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/24/23 13:41	06/24/23 17:59	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/24/23 13:41	06/24/23 17:59	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/24/23 13:41	06/24/23 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*06/24/23 13:41*	*06/24/23 17:59*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*06/24/23 13:41*	*06/24/23 17:59*	*1*

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B08 (0-0.5)

Lab Sample ID: 880-29962-10
Matrix: Solid
Date Collected: 06/23/23 06:45
Date Received: 06/23/23 13:26

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**21.2**	**J**	49.9	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 17:46	1
Diesel Range Organics (Over C10-C28)	**21.2**	**J**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 17:46	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*06/23/23 16:22*	*06/27/23 17:46*	*1*
o-Terphenyl	*108*		*70 - 130*	*06/23/23 16:22*	*06/27/23 17:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1320**		25.0	1.97	mg/Kg			06/27/23 15:29	5

Client Sample ID: B09 (0-0.5)

Lab Sample ID: 880-29962-13
Matrix: Solid
Date Collected: 06/23/23 06:55
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000381	U	0.00198	0.000381	mg/Kg		06/24/23 13:41	06/24/23 18:20	1
Toluene	<0.000451	U	0.00198	0.000451	mg/Kg		06/24/23 13:41	06/24/23 18:20	1
Ethylbenzene	<0.000559	U	0.00198	0.000559	mg/Kg		06/24/23 13:41	06/24/23 18:20	1
m-Xylene & p-Xylene	<0.00100	U	0.00396	0.00100	mg/Kg		06/24/23 13:41	06/24/23 18:20	1
o-Xylene	<0.000341	U	0.00198	0.000341	mg/Kg		06/24/23 13:41	06/24/23 18:20	1
Xylenes, Total	<0.00100	U	0.00396	0.00100	mg/Kg		06/24/23 13:41	06/24/23 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/24/23 13:41*	*06/24/23 18:20*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*06/24/23 13:41*	*06/24/23 18:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00100	U	0.00396	0.00100	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**20.3**	**J**	50.0	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 18:09	1
Diesel Range Organics (Over C10-C28)	**20.3**	**J**	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 18:09	1

Eurofins Midland

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B09 (0-0.5)

Lab Sample ID: 880-29962-13
Matrix: Solid
Date Collected: 06/23/23 06:55
Date Received: 06/23/23 13:26

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*06/23/23 16:22*	*06/27/23 18:09*	*1*
o-Terphenyl	*109*		*70 - 130*	*06/23/23 16:22*	*06/27/23 18:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**336**		5.00	0.395	mg/Kg			06/27/23 15:34	1

Client Sample ID: B10 (0-0.5)

Lab Sample ID: 880-29962-14
Matrix: Solid
Date Collected: 06/23/23 07:00
Date Received: 06/23/23 13:26

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000387	U	0.00201	0.000387	mg/Kg		06/24/23 13:41	06/24/23 18:41	1
Toluene	**0.000476**	**J**	0.00201	0.000458	mg/Kg		06/24/23 13:41	06/24/23 18:41	1
Ethylbenzene	<0.000567	U	0.00201	0.000567	mg/Kg		06/24/23 13:41	06/24/23 18:41	1
m-Xylene & p-Xylene	<0.00101	U	0.00402	0.00101	mg/Kg		06/24/23 13:41	06/24/23 18:41	1
o-Xylene	<0.000345	U	0.00201	0.000345	mg/Kg		06/24/23 13:41	06/24/23 18:41	1
Xylenes, Total	<0.00101	U	0.00402	0.00101	mg/Kg		06/24/23 13:41	06/24/23 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/24/23 13:41*	*06/24/23 18:41*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*06/24/23 13:41*	*06/24/23 18:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00402	0.00101	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**21.6**	**J**	49.9	15.0	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 19:41	1
Diesel Range Organics (Over C10-C28)	**21.6**	**J**	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 19:41	1
OII Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		06/23/23 16:22	06/27/23 19:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*06/23/23 16:22*	*06/27/23 19:41*	*1*
o-Terphenyl	*106*		*70 - 130*	*06/23/23 16:22*	*06/27/23 19:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**213**		5.00	0.395	mg/Kg			06/27/23 15:39	1

Client Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B11 (0-0.5)

Date Collected: 06/23/23 07:05
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-15

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000389	U	0.00202	0.000389	mg/Kg		06/24/23 13:41	06/24/23 19:01	1
Toluene	**0.000504**	**J**	0.00202	0.000461	mg/Kg		06/24/23 13:41	06/24/23 19:01	1
Ethylbenzene	<0.000571	U	0.00202	0.000571	mg/Kg		06/24/23 13:41	06/24/23 19:01	1
m-Xylene & p-Xylene	<0.00102	U	0.00404	0.00102	mg/Kg		06/24/23 13:41	06/24/23 19:01	1
o-Xylene	<0.000347	U	0.00202	0.000347	mg/Kg		06/24/23 13:41	06/24/23 19:01	1
Xylenes, Total	<0.00102	U	0.00404	0.00102	mg/Kg		06/24/23 13:41	06/24/23 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*06/24/23 13:41*	*06/24/23 19:01*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*06/24/23 13:41*	*06/24/23 19:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00102	U	0.00404	0.00102	mg/Kg			06/26/23 09:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**17.4**	**J**	49.8	14.9	mg/Kg			06/28/23 09:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.9	U	49.8	14.9	mg/Kg		06/23/23 16:22	06/27/23 20:04	1
Diesel Range Organics (Over C10-C28)	**17.4**	**J**	49.8	14.9	mg/Kg		06/23/23 16:22	06/27/23 20:04	1
OII Range Organics (Over C28-C36)	<14.9	U	49.8	14.9	mg/Kg		06/23/23 16:22	06/27/23 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*06/23/23 16:22*	*06/27/23 20:04*	*1*
o-Terphenyl	*98*		*70 - 130*	*06/23/23 16:22*	*06/27/23 20:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.4**		4.96	0.392	mg/Kg			06/27/23 15:44	1

Surrogate Summary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-29962-1	B01 (0-0.5)	78	99
880-29962-3	B03 (0-0.5)	84	90
880-29962-4	B04 (0-0.5)	92	77
880-29962-6	B05 (0-0.5)	87	77
880-29962-7	B06 (0-0.5)	85	90
880-29962-7 MS	B06 (0-0.5)	102	107
880-29962-7 MSD	B06 (0-0.5)	104	105
880-29962-9	B07 (0-0.5)	85	84
880-29962-10	B08 (0-0.5)	72	95
880-29962-13	B09 (0-0.5)	84	83
880-29962-14	B10 (0-0.5)	84	78
880-29962-15	B11 (0-0.5)	87	87
LCS 880-56224/1-A	Lab Control Sample	107	100
LCS 880-56255/1-A	Lab Control Sample	95	109
LCSD 880-56224/2-A	Lab Control Sample Dup	108	102
LCSD 880-56255/2-A	Lab Control Sample Dup	101	109
MB 880-56224/5-A	Method Blank	69 S1-	94
MB 880-56255/5-A	Method Blank	66 S1-	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-29962-1	B01 (0-0.5)	117	123
880-29962-1 MS	B01 (0-0.5)	99	91
880-29962-1 MSD	B01 (0-0.5)	98	90
880-29962-3	B03 (0-0.5)	102	107
880-29962-4	B04 (0-0.5)	109	116
880-29962-6	B05 (0-0.5)	104	108
880-29962-7	B06 (0-0.5)	110	115
880-29962-9	B07 (0-0.5)	97	102
880-29962-10	B08 (0-0.5)	103	108
880-29962-13	B09 (0-0.5)	104	109
880-29962-14	B10 (0-0.5)	100	106
880-29962-15	B11 (0-0.5)	94	98
LCS 880-56231/2-A	Lab Control Sample	96	101
LCSD 880-56231/3-A	Lab Control Sample Dup	92	90
MB 880-56231/1-A	Method Blank	115	121

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-56224/5-A
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/23/23 15:40	06/25/23 00:52	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/23/23 15:40	06/25/23 00:52	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/23/23 15:40	06/25/23 00:52	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/23/23 15:40	06/25/23 00:52	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/23/23 15:40	06/25/23 00:52	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/23/23 15:40	06/25/23 00:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*06/23/23 15:40*	*06/25/23 00:52*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/23/23 15:40*	*06/25/23 00:52*	*1*

Lab Sample ID: LCS 880-56224/1-A
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56224

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1138		mg/Kg		114	70 - 130		
Toluene			0.100	0.1071		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1083		mg/Kg		108	70 - 130		
m-Xylene & p-Xylene			0.200	0.2294		mg/Kg		115	70 - 130		
o-Xylene			0.100	0.1127		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-56224/2-A
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 56224

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1137		mg/Kg		114	70 - 130	0	35
Toluene			0.100	0.1067		mg/Kg		107	70 - 130	0	35
Ethylbenzene			0.100	0.1059		mg/Kg		106	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2099		mg/Kg		105	70 - 130	9	35
o-Xylene			0.100	0.1032		mg/Kg		103	70 - 130	9	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 880-56255/5-A
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		06/24/23 13:41	06/24/23 16:56	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		06/24/23 13:41	06/24/23 16:56	1

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-56255/5-A
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		06/24/23 13:41	06/24/23 16:56	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		06/24/23 13:41	06/24/23 16:56	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		06/24/23 13:41	06/24/23 16:56	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		06/24/23 13:41	06/24/23 16:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*06/24/23 13:41*	*06/24/23 16:56*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*06/24/23 13:41*	*06/24/23 16:56*	*1*

Lab Sample ID: LCS 880-56255/1-A
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1117		mg/Kg		112	70 - 130
Toluene	0.100	0.09465		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09240		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1914		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09237		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-56255/2-A
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 56255

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1083		mg/Kg		108	70 - 130	3	35
Toluene	0.100	0.09544		mg/Kg		95	70 - 130	1	35
Ethylbenzene	0.100	0.09479		mg/Kg		95	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1961		mg/Kg		98	70 - 130	2	35
o-Xylene	0.100	0.09494		mg/Kg		95	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-29962-7 MS
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: B06 (0-0.5)
Prep Type: Total/NA
Prep Batch: 56255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000387	U	0.101	0.1014		mg/Kg		101	70 - 130
Toluene	0.000570	J	0.101	0.08832		mg/Kg		87	70 - 130
Ethylbenzene	<0.000567	U	0.101	0.08920		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00101	U	0.202	0.1829		mg/Kg		91	70 - 130

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-29962-7 MS
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: B06 (0-0.5)
Prep Type: Total/NA
Prep Batch: 56255

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.000345	U	0.101	0.08800		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-29962-7 MSD
Matrix: Solid
Analysis Batch: 56253

Client Sample ID: B06 (0-0.5)
Prep Type: Total/NA
Prep Batch: 56255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.000387	U	0.100	0.1112		mg/Kg		111	70 - 130	9	35
Toluene	0.000570	J	0.100	0.09683		mg/Kg		96	70 - 130	9	35
Ethylbenzene	<0.000567	U	0.100	0.09803		mg/Kg		98	70 - 130	9	35
m-Xylene & p-Xylene	<0.00101	U	0.201	0.2039		mg/Kg		102	70 - 130	11	35
o-Xylene	<0.000345	U	0.100	0.09801		mg/Kg		98	70 - 130	11	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-56231/1-A
Matrix: Solid
Analysis Batch: 56397

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	17.73	J	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 11:03	1
Diesel Range Organics (Over C10-C28)	<15.0	U	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 11:03	1
OII Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		06/23/23 16:22	06/27/23 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*115*		*70 - 130*	*06/23/23 16:22*	*06/27/23 11:03*	*1*
o-Terphenyl	*121*		*70 - 130*	*06/23/23 16:22*	*06/27/23 11:03*	*1*

Lab Sample ID: LCS 880-56231/2-A
Matrix: Solid
Analysis Batch: 56397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56231

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	883.5		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	999.7		mg/Kg		100	70 - 130

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-56231/2-A
Matrix: Solid
Analysis Batch: 56397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56231

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	101		70 - 130

Lab Sample ID: LCSD 880-56231/3-A
Matrix: Solid
Analysis Batch: 56397

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 56231

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	911.5		mg/Kg		91	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	975.9		mg/Kg		98	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	92		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: 880-29962-1 MS
Matrix: Solid
Analysis Batch: 56397

Client Sample ID: B01 (0-0.5)
Prep Type: Total/NA
Prep Batch: 56231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	998	1034		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	26.3	J	998	1222		mg/Kg		120	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-29962-1 MSD
Matrix: Solid
Analysis Batch: 56397

Client Sample ID: B01 (0-0.5)
Prep Type: Total/NA
Prep Batch: 56231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	998	1028		mg/Kg		103	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	26.3	J	998	1202		mg/Kg		118	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	98		70 - 130
o-Terphenyl	90		70 - 130

QC Sample Results

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-56221/1-A
Matrix: Solid
Analysis Batch: 56399

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	5.00	0.395	mg/Kg			06/27/23 14:17	1

Lab Sample ID: LCS 880-56221/2-A
Matrix: Solid
Analysis Batch: 56399

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	246.2		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-56221/3-A
Matrix: Solid
Analysis Batch: 56399

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.6		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-29962-1 MS
Matrix: Solid
Analysis Batch: 56399

Client Sample ID: B01 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	44.7		250	293.7		mg/Kg		100	90 - 110		

Lab Sample ID: 880-29962-1 MSD
Matrix: Solid
Analysis Batch: 56399

Client Sample ID: B01 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	44.7		250	289.1		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 880-29962-15 MS
Matrix: Solid
Analysis Batch: 56399

Client Sample ID: B11 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	45.4		248	302.9		mg/Kg		104	90 - 110		

Lab Sample ID: 880-29962-15 MSD
Matrix: Solid
Analysis Batch: 56399

Client Sample ID: B11 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	45.4		248	304.7		mg/Kg		105	90 - 110	1	20

QC Association Summary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

GC VOA

Prep Batch: 56224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Total/NA	Solid	5035	
880-29962-3	B03 (0-0.5)	Total/NA	Solid	5035	
880-29962-4	B04 (0-0.5)	Total/NA	Solid	5035	
880-29962-6	B05 (0-0.5)	Total/NA	Solid	5035	
MB 880-56224/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-56224/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-56224/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 56253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Total/NA	Solid	8021B	56224
880-29962-3	B03 (0-0.5)	Total/NA	Solid	8021B	56224
880-29962-4	B04 (0-0.5)	Total/NA	Solid	8021B	56224
880-29962-6	B05 (0-0.5)	Total/NA	Solid	8021B	56224
880-29962-7	B06 (0-0.5)	Total/NA	Solid	8021B	56255
880-29962-9	B07 (0-0.5)	Total/NA	Solid	8021B	56255
880-29962-10	B08 (0-0.5)	Total/NA	Solid	8021B	56255
880-29962-13	B09 (0-0.5)	Total/NA	Solid	8021B	56255
880-29962-14	B10 (0-0.5)	Total/NA	Solid	8021B	56255
880-29962-15	B11 (0-0.5)	Total/NA	Solid	8021B	56255
MB 880-56224/5-A	Method Blank	Total/NA	Solid	8021B	56224
MB 880-56255/5-A	Method Blank	Total/NA	Solid	8021B	56255
LCS 880-56224/1-A	Lab Control Sample	Total/NA	Solid	8021B	56224
LCS 880-56255/1-A	Lab Control Sample	Total/NA	Solid	8021B	56255
LCSD 880-56224/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	56224
LCSD 880-56255/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	56255
880-29962-7 MS	B06 (0-0.5)	Total/NA	Solid	8021B	56255
880-29962-7 MSD	B06 (0-0.5)	Total/NA	Solid	8021B	56255

Prep Batch: 56255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-7	B06 (0-0.5)	Total/NA	Solid	5035	
880-29962-9	B07 (0-0.5)	Total/NA	Solid	5035	
880-29962-10	B08 (0-0.5)	Total/NA	Solid	5035	
880-29962-13	B09 (0-0.5)	Total/NA	Solid	5035	
880-29962-14	B10 (0-0.5)	Total/NA	Solid	5035	
880-29962-15	B11 (0-0.5)	Total/NA	Solid	5035	
MB 880-56255/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-56255/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-56255/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-29962-7 MS	B06 (0-0.5)	Total/NA	Solid	5035	
880-29962-7 MSD	B06 (0-0.5)	Total/NA	Solid	5035	

Analysis Batch: 56289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-3	B03 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-4	B04 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-6	B05 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-7	B06 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-9	B07 (0-0.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

GC VOA (Continued)

Analysis Batch: 56289 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-10	B08 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-13	B09 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-14	B10 (0-0.5)	Total/NA	Solid	Total BTEX	
880-29962-15	B11 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 56231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-3	B03 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-4	B04 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-6	B05 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-7	B06 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-9	B07 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-10	B08 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-13	B09 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-14	B10 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-15	B11 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-56231/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-56231/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-56231/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-29962-1 MS	B01 (0-0.5)	Total/NA	Solid	8015NM Prep	
880-29962-1 MSD	B01 (0-0.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 56397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-3	B03 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-4	B04 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-6	B05 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-7	B06 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-9	B07 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-10	B08 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-13	B09 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-14	B10 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-15	B11 (0-0.5)	Total/NA	Solid	8015B NM	56231
MB 880-56231/1-A	Method Blank	Total/NA	Solid	8015B NM	56231
LCS 880-56231/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	56231
LCSD 880-56231/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	56231
880-29962-1 MS	B01 (0-0.5)	Total/NA	Solid	8015B NM	56231
880-29962-1 MSD	B01 (0-0.5)	Total/NA	Solid	8015B NM	56231

Analysis Batch: 56475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-3	B03 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-4	B04 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-6	B05 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-7	B06 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-9	B07 (0-0.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

GC Semi VOA (Continued)

Analysis Batch: 56475 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-10	B08 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-13	B09 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-14	B10 (0-0.5)	Total/NA	Solid	8015 NM	
880-29962-15	B11 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 56221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-2	B02 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-3	B03 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-4	B04 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-6	B05 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-7	B06 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-9	B07 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-10	B08 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-13	B09 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-14	B10 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-15	B11 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-56221/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-56221/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-56221/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-29962-1 MS	B01 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-1 MSD	B01 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-15 MS	B11 (0-0.5)	Soluble	Solid	DI Leach	
880-29962-15 MSD	B11 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 56399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29962-1	B01 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-2	B02 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-3	B03 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-4	B04 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-6	B05 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-7	B06 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-9	B07 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-10	B08 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-13	B09 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-14	B10 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-15	B11 (0-0.5)	Soluble	Solid	300.0	56221
MB 880-56221/1-A	Method Blank	Soluble	Solid	300.0	56221
LCS 880-56221/2-A	Lab Control Sample	Soluble	Solid	300.0	56221
LCSD 880-56221/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	56221
880-29962-1 MS	B01 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-1 MSD	B01 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-15 MS	B11 (0-0.5)	Soluble	Solid	300.0	56221
880-29962-15 MSD	B11 (0-0.5)	Soluble	Solid	300.0	56221

Lab Chronicle

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B01 (0-0.5)

Lab Sample ID: 880-29962-1
Matrix: Solid
Date Collected: 06/23/23 06:00
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	56224	06/23/23 15:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/25/23 07:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 14:29	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 14:32	CH	EET MID

Client Sample ID: B02 (0-0.5)

Lab Sample ID: 880-29962-2
Matrix: Solid
Date Collected: 06/23/23 06:05
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 14:48	CH	EET MID

Client Sample ID: B03 (0-0.5)

Lab Sample ID: 880-29962-3
Matrix: Solid
Date Collected: 06/23/23 06:10
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	56224	06/23/23 15:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/25/23 07:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 15:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 14:53	CH	EET MID

Client Sample ID: B04 (0-0.5)

Lab Sample ID: 880-29962-4
Matrix: Solid
Date Collected: 06/23/23 06:15
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	56224	06/23/23 15:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/25/23 07:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 16:08	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		10			56399	06/27/23 14:58	CH	EET MID

Lab Chronicle

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B05 (0-0.5)

Lab Sample ID: 880-29962-6
Matrix: Solid
Date Collected: 06/23/23 06:25
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	56224	06/23/23 15:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/25/23 08:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 16:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 15:03	CH	EET MID

Client Sample ID: B06 (0-0.5)

Lab Sample ID: 880-29962-7
Matrix: Solid
Date Collected: 06/23/23 06:30
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	56255	06/24/23 13:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/24/23 17:18	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 16:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 15:19	CH	EET MID

Client Sample ID: B07 (0-0.5)

Lab Sample ID: 880-29962-9
Matrix: Solid
Date Collected: 06/23/23 06:40
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	56255	06/24/23 13:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/24/23 17:39	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 17:23	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 15:24	CH	EET MID

Client Sample ID: B08 (0-0.5)

Lab Sample ID: 880-29962-10
Matrix: Solid
Date Collected: 06/23/23 06:45
Date Received: 06/23/23 13:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	56255	06/24/23 13:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/24/23 17:59	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID

Lab Chronicle

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B08 (0-0.5)

Date Collected: 06/23/23 06:45
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 17:46	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		5			56399	06/27/23 15:29	CH	EET MID

Client Sample ID: B09 (0-0.5)

Date Collected: 06/23/23 06:55
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	56255	06/24/23 13:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/24/23 18:20	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 18:09	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 15:34	CH	EET MID

Client Sample ID: B10 (0-0.5)

Date Collected: 06/23/23 07:00
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	56255	06/24/23 13:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/24/23 18:41	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 19:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 15:39	CH	EET MID

Client Sample ID: B11 (0-0.5)

Date Collected: 06/23/23 07:05
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	56255	06/24/23 13:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	56253	06/24/23 19:01	SM	EET MID
Total/NA	Analysis	Total BTEX		1			56289	06/26/23 09:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			56475	06/28/23 09:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	56231	06/23/23 16:22	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	56397	06/27/23 20:04	SM	EET MID

Lab Chronicle

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Client Sample ID: B11 (0-0.5)

Date Collected: 06/23/23 07:05
Date Received: 06/23/23 13:26

Lab Sample ID: 880-29962-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	56221	06/23/23 15:15	KS	EET MID
Soluble	Analysis	300.0		1			56399	06/27/23 15:44	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: SQ Environmental, LLC
Project/Site: Salado No. 2 Brine Station

Job ID: 880-29962-1
SDG: Salado No. 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-29962-1	B01 (0-0.5)	Solid	06/23/23 06:00	06/23/23 13:26
880-29962-2	B02 (0-0.5)	Solid	06/23/23 06:05	06/23/23 13:26
880-29962-3	B03 (0-0.5)	Solid	06/23/23 06:10	06/23/23 13:26
880-29962-4	B04 (0-0.5)	Solid	06/23/23 06:15	06/23/23 13:26
880-29962-6	B05 (0-0.5)	Solid	06/23/23 06:25	06/23/23 13:26
880-29962-7	B06 (0-0.5)	Solid	06/23/23 06:30	06/23/23 13:26
880-29962-9	B07 (0-0.5)	Solid	06/23/23 06:40	06/23/23 13:26
880-29962-10	B08 (0-0.5)	Solid	06/23/23 06:45	06/23/23 13:26
880-29962-13	B09 (0-0.5)	Solid	06/23/23 06:55	06/23/23 13:26
880-29962-14	B10 (0-0.5)	Solid	06/23/23 07:00	06/23/23 13:26
880-29962-15	B11 (0-0.5)	Solid	06/23/23 07:05	06/23/23 13:26

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone 432-704-5440

Chain of Custody Record

eurofins Environment Testing

29962

Client Information	Sampler: NATALIE De Los Santos	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No.: 880-6188-854 1
Client Contact: Natalie De Los Santos	Phone: 956-250-9474	E-Mail: Jessica Kramer@et eurofinsus com	State of Origin:	Page: ~~Page 1 of 3~~ 1 of 5
Company: SQ Environmental LLC	PWSID:			Job #:
Address: PO BOX 1991	Due Date Requested:			
City: Austin	TAT Requested (days): 5 DAYS			
State, Zip: TX 78767	Compliance Project: Δ Yes (Δ No)			
Phone: 956-250-9474	PO #: Purchase Order not required			
Email: n delossantos@sqenv com	WO #: 1180 002 001			
Project Name: Salado No 2 Brine Station	Project #: 88001798			
Site: SALADO No 2	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8021B	300 CHLORIDE	HOLD	Total Number of containers	Special Instructions/Note
Preservation Code:							N				
B01 (0-0.5)	6/23/23	0600	G	Solid			X				402
B02 (0-0.5)		0605		Solid				X			
B03 (0-0.5)		0610		Solid			X				
B04 (0-0.5)		0615		Solid			X				
B04 (4.0)		0620		Solid					X		
B05 (0-0.5)		0625		Solid			X				
B06 (0-0.5)		0630		Solid			X				
B06 (1.0)		0635		Solid					X		
B07 (0-0.5)		0640		Solid			X				
B08 (0-0.5)		0645		Solid			X				
B08 (1.0)		0650		Solid					X		

880-29962 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Natalie De Los Santos	6/23/23 @ 1326	SQE	[signature]	6/23/23 1326	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 5.3/5.0

Ver: 06/08/2021

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone 432-704-5440

Chain of Custody Record

eurofins Environment Testing

299162

Client Information	Sampler: NATALIE De Los Santos	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 880-6188-854 2
Client Contact: Natalie De Los Santos	Phone: 956-250-9474	E-Mail: Jessica Kramer@et.eurofinsus com	State of Origin:	Page: Page ~~2 of 3~~ 2 of 5
Company: SQ Environmental LLC	PWSID:			Job #:
Address: PO BOX 1991	Due Date Requested:			
City: Austin	TAT Requested (days): 5 DAYS			
State Zip: TX, 78767	Compliance Project: Δ Yes Δ No			
Phone: 956-250-9474	PO #: Purchase Order not required			
Email: n delossantos@sqenv com	WO #: 1180 002 001			
Project Name: Salado No 2 Brine Station	Project #: 88001798			
Site: SALADO No. 2	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8021B	300 CHLORIDE	HOLD	Total Number of containers	Special Instructions/Note
		Preservation Code:					N				
B08 (4.0)	6/23/23	0945	G	Solid					X		
B09 (0-0.5)		0655		Solid			X				
B10 (0-0.5)		0700		Solid			X				
B11 (0-0.5)		0705		Solid			X				
B12 (2.0)		0710		Solid					X		
B13 (2.0)		0715		Solid					X		
B14 (2.0)		0720		Solid					X		
B15 (2.0)		0725		Solid					X		
B16 (2.0)		0730		Solid					X		
B17 (2.0)		0735		Solid					X		
B18 (0-0.5)		0740		Solid					X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Natalie De Los Santos	6/23/23 @ 1326	SQE	Kramer		
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver 06/08/2021

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone 432-704-5440

Chain of Custody Record

eurofins Environment Testing

29962

Client Information	Sampler: NATALIE De Los Santos	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 880-6188-854 3
Client Contact: Natalie De Los Santos	Phone: 956-250-9474	E-Mail: Jessica Kramer@et eurofinsus com	State of Origin:	Page: Page ~~3 of 3~~ 3 of 5
Company: SQ Environmental LLC	PWSID:			Job #:
Address: PO BOX 1991	Due Date Requested:			
City: Austin	TAT Requested (days): 5 DAYS			
State Zip: TX, 78767	Compliance Project: Δ Yes Δ No			
Phone: 956-250-9474	PO #: Purchase Order not required			
Email: n delossantos@sqenv com	WO #: 1180 002 001			
Project Name: Salado No 2 Brine Station	Project #: 88001798			
Site: SALADO NO 2	SSOW#:			

Analysis Requested

Preservation Codes

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 8015MOD_NM, 8021B	300 CHLORIDE HOLD	Total Number of containers	Special Instructions/Note
			Preservation Code:				N			
B19 (0-0.5)	6/23/23	0745	G	Solid				X		
B20 (0-0.5)		0750		Solid				X		
B21 (0-0.5)		0755		Solid				X		
B22 (2.0)		0800		Solid				X		
B23 (1.0)		0805		Solid				X		
B24 (0-0.5)		0810		Solid				X		
B25 (2.0)		0815		Solid				X		
B26 (1.0)		0820		Solid				X		
B27 (0-0.5)		0825		Solid				X		
B28 (2.0)		0830		Solid				X		
B29 (2.0)		0835		Solid				X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Natalie De Los Santos	6/23/23 @ 1326	SQE	J Kramer		
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Ver: 06/08/2021

Phone 432 704-5440

29962

Client Information	Sampler: Natalie De Los Santos	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 880-6188-854 1
Client Contact: Natalie De Los Santos	Phone: 956-250-9474	E-Mail: Jessica Kramer@et eurofinsus com	State of Origin:	Page: Page ~~1 of 3~~ 4 of 5
Company: SQ Environmental LLC	PWSID:	Analysis Requested		Job #
Address: PO BOX 1991	Due Date Requested:			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify); Other:
City: Austin	TAT Requested (days): 5 DAYS			
State, Zip: TX 78767	Compliance Project: Δ Yes Δ No			
Phone: 956-250-9474	PO #: Purchase Order not required			
Email: n delossantos@sqenv com	WO #: 1180 002 001			
Project Name: Salado No 2 Brine Station	Project #: 88001798			
Site: SALADO No. 2	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D 8015MOD_NM, 8021B	300 CHLORIDE	HOLD	Total Number of containers	Special Instructions/Note
			Preservation Code:				N				
B30(2.0)	6/23/23	0840	G	Solid					X		
B31(2.0)		0845		Solid					X		
B32(2.0)		0850		Solid					X		
B33(2.0)		~~0855~~		Solid					X		
B34(2.0)		0900		Solid					X		
B35(2.0)		0905		Solid					X		
B36(2.0)		0910		Solid					X		
B37(2.0)		0915		Solid					X		
B38(2.0)		0920		Solid					X		
B39(2.0)		0925		Solid					X		
B40(2.0)		0930		Solid					X		

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Natalie De Los Santos	6/23/23 @ 1326	SQE	Kramer		
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
Δ Yes Δ No		

Ver 06/08/2021

Midland TX 79706
Phone 432 704-5440

29962

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Natalie De Los Santos	NATALIE De Los Santos	Kramer Jessica		880-6188-854 1
Company: SQ Environmental LLC	Phone: 956-250-9474	E-Mail: Jessica Kramer@et eurofinsus com	State of Origin	Page: ~~1 of 3~~ 5 of 5
Address: PO BOX 1991	PWSID: —	Due Date Requested: —		Job #
City: Austin		TAT Requested (days): 5 DAYS		
State Zip: TX 78767		Compliance Project: Δ Yes (No)		
Phone: 956-250-9474		PO #: Purchase Order not required		
Email: n delossantos@sqenv com		WO #: 1180 002 001		
Project Name: Salado No 2 Brine Station		Project #: 88001798		
Site: SALADO No 2		SSOW#:		

Analysis Requested

Preservation Codes

A HCL	M Hexane		
B NaOH	N None		
C Zn Acetate	O AsNaO2		
D Nitric Acid	P Na2O4S		
E NaHSO4	Q Na2SO3		
F MeOH	R Na2S2O3		
G Amchlor	S H2SO4		
H Ascorbic Acid	T TSP Dodecahydrate		
I Ice	U Acetone		
J DI Water	V MCAA		
K EDTA	W pH 4-5		
L EDA	Y Trizma		
	Z other (specify)		

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D 8015MOD_NM, 8021B	300 chloride	Total Number of containers	Special Instructions/Note
			Preservation Code:				N			
B41 (0-0.5)	6/23/23	0935	G	Solid				X		
B42 (0-0.5)	↓	0940	↓	Solid				X		
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

HOLD

Loc: 880
29962

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Natalie De Los Santos	6/23/23 @ 1526	SQE	Kramer		
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
Δ Yes Δ No		

Ver 06/08/2021

Login Sample Receipt Checklist

Client: SQ Environmental, LLC

Job Number: 880-29962-1
SDG Number: Salado No. 2

Login Number: 29962
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 280453

CONDITIONS

Operator: SELECT AGUA LIBRE MIDSTREAM, LLC 12515 Carriage Way Oklahoma City, OK 73142	OGRID: 331031
	Action Number: 280453
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	2/19/2024