## 🖻 ENSOLUM

October 11, 2023

**New Mexico Oil Conservation Division** New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

#### Re: Closure Request Rojo AE 7811 JV-P Fed 001H Incident Number NCH1836251271 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of BTA Oil Producers, LLC (BTA), has prepared this *Closure Request* to document soil sampling activities performed at the Rojo AE 7811 JV-P Fed 001H (Site), in accordance with the approved *Remediation Work Plan (Work Plan)* submitted June 8, 2023. The *Work Plan* proposed lateral delineation of the release and confirmation soil sampling of the excavation extent. Based on the lateral delineation activities completed and laboratory analytical results for the excavation soil sampling events, completed in accordance with the approved *Work Plan*, BTA is submitting this *Closure Request*, describing remediation that has occurred and requesting closure for Incident Number NCH1836251271.

#### BACKGROUND

The Site is located in Unit D, Section 27, Township 25 South, Range 33 East, in Lea County, New Mexico (32.107610°, -103.56410°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 2, 2018, a dump valve froze into a closed position on a separator, causing the vessel to pressurize. The high-pressure relief valve opened, as designed, to prevent rupture of the vessel and incoming flow lines, resulting in the release of approximately 350 barrels (bbls) of crude oil and 35 bbls of produced water onto the well pad and eastern pasture. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately 200 bbls of crude oil and 20 bbls of produced water were recovered. BTA reported the release immediately to the New Mexico Oil Conservation Division (NMOCD) via email on December 2, 2018, and submitted a Release Notification Form C-141 (Form C-141) on December 4, 2018. The release was assigned Incident Number NCH1836251271.

Initial remediation activities, including excavation and discrete soil sampling was completed in 2018 and 2019 by Cajun Energy. A Site Activities and Backfill Request report (report) was submitted to the NMOCD on March 4, 2019. The report was denied on March 3, 2020. Following a review of the report and deficiencies noted by the NMOCD, Ensolum submitted a *Work Plan* on June 8, 2023. The *Work Plan* proposed the following:

• Lateral delineation of the release; and

BTA Oil Producers, LLC Closure Request Rojo AE 7811 JV-P Fed 001H

• Collection of 5-point composite confirmation soil samples from the floor and sidewalls of the original excavation. Floor samples were proposed to be collected at a sample frequency of every 700 square feet.

Details regarding the initial remediation efforts, Cajun Energy report, Site characterization, and proposed remediation activities can be referenced in the original *Work Plan*, included as Appendix A. On June 22, 2023, the NMOCD approved the *Work Plan* with the following conditions:

Work plan approved with conditions. OCD approves a sampling variance of collecting samples every 500 square feet, this includes sidewall and base samples.

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Based on the results of the Site Characterization reported in the June 8, 2023 *Work Plan* (Appendix A), the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH) gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH will be applied to the top 4 feet of the pasture area per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be immediately reclaimed following remediation.

#### DELINEATION AND EXCAVATION CONFIRMATION SOIL SAMPLING ACTIVITIES

Between August 14 and August 22, 2023, Ensolum personnel were at the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. No visible indications of the historical release were observed during the Site visit. Eleven delineation soil samples (SS01 through SS11) were collected around the release extent at a depth of 0.5 feet below ground surface (bgs) to confirm the lateral extent of the release. Composite soil samples were collected every 500 square feet from the floor and sidewalls of the former excavation extent. The soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS226 were collected from the floor of the excavation at depths ranging from 1-foot bgs to 2 feet bgs. Composite soil samples SW01 through SW05 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 2 feet bgs. The excavation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips. The excavation extent and excavation soil sample locations are presented on Figure 1. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method SM4500.



BTA Oil Producers, LLC Closure Request Rojo AE 7811 JV-P Fed 001H

#### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01 through SS11, collected around the release extent, indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria and confirmed the lateral extent of the release. Laboratory analytical results for excavation confirmation soil samples FS01 through FS226 and sidewall samples SW01 through SW05, indicated all COC concentrations were compliant with the Site Closure Criteria and reclamation requirement, where applicable. Laboratory analytical results are summarized in Table 1 and the complete analytical reports are included as Appendix C.

#### **CLOSURE REQUEST**

Delineation and confirmation soil sampling activities were conducted at the Site, as outlined in the approved *Work Plan*, to confirm the removal of impacted soil resulting from the December 2018 release of crude oil and produced water. Laboratory analytical results for the delineation soil samples indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria and confirmed the lateral extent of the release. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COCs were compliant with the Site Closure Criteria and reclamation requirements, where applicable. Based on laboratory analytical results, the impacted soil was successfully removed, and no further remediation is required.

No visible indications of the release were observed. Initial response efforts, excavation of impacted soil, and natural attenuation have mitigated impacts at this Site. BTA believes these remedial actions are protective of human health, the environment, and groundwater. As such, BTA respectfully requests closure for Incident Number NCH1836251271. Notifications submitted to the NMOCD are included in Appendix D and the final Form C-141 is included as Appendix E.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely, Ensolum, LLC

adie Vreen

Hadlie Green Project Geologist

Daniel R. Moir, PG Senior Managing Geologist

cc: Kelton Beaird, BTA Bureau of Land Management

Appendices:

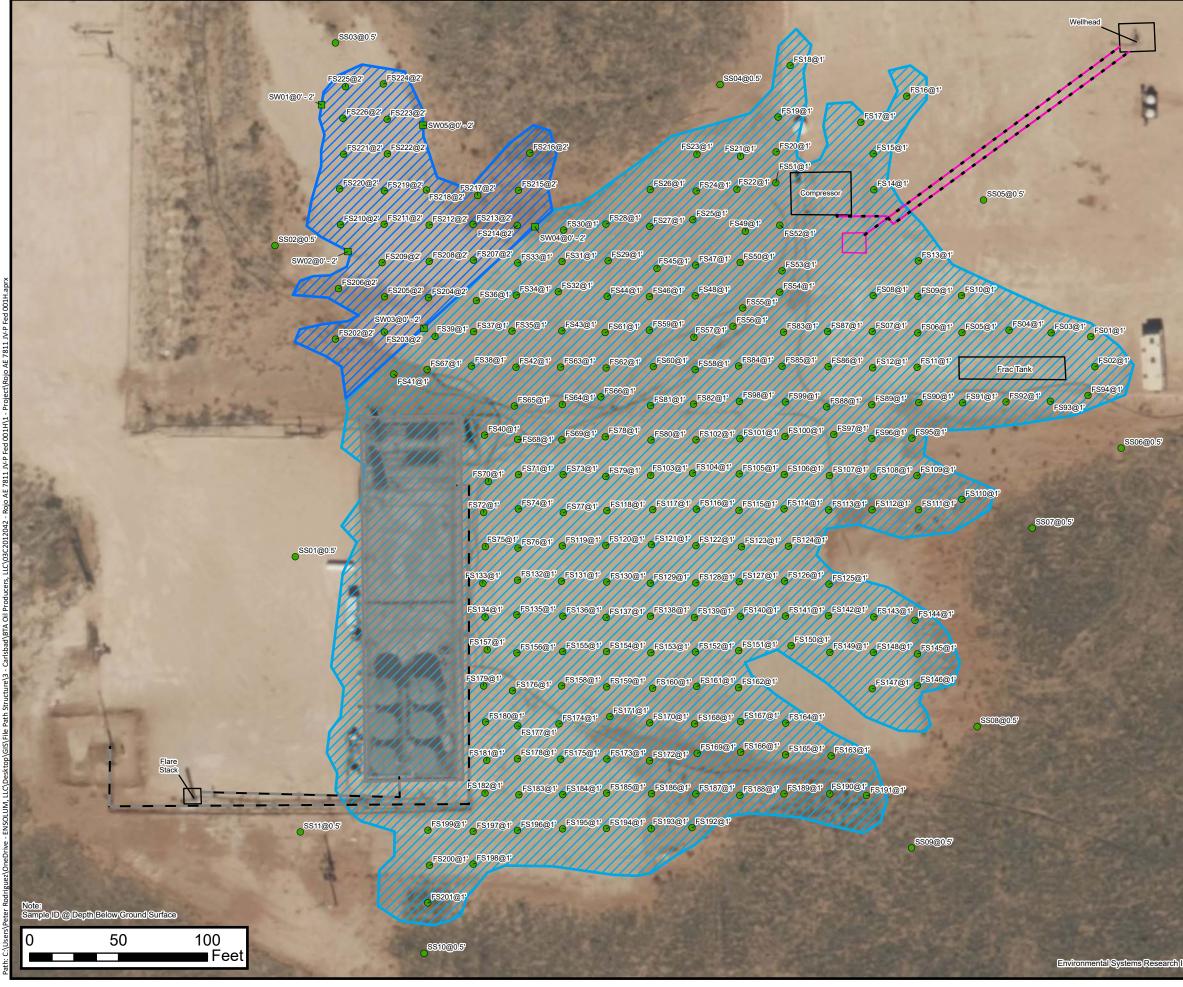
| Figure 1   | Soil Sample Locations  |
|------------|--|
| Table 1    | Soil Sample Analytical Results                                 |
| Appendix A | Remediation Work Plan, June 8, 2023                            |
| Appendix B | Photographic Log   |
| Appendix C | Laboratory Analytical Reports & Chain-of-Custody Documentation |
| Appendix D | NMOCD Notifications  |
| Appendix E | Final C-141  |
|            |  |





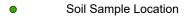
**FIGURES** 

Received by OCD: 10/13/2023 3:55:22 PM



Released to Imaging: 10/24/2023 10:13:28 AM

### Legend



- Sidewall Sample Location
- Steel Lines
  - Electric Power Lines
  - Structure/Location Area

10.00

- Electric Box
- 1' Excavation Area

Containment Liner



2' Excavation Area

ENSOLUM Environmental, Engineering and Hydrogeologic Consultants

## Soil Sample Locations

BTA Oil Producers, LLC Rojo AE 7811 JV-P Fed 001H

Unit D, Sec 27, T25S, R33E Lea County, New Mexico



Project Number: 03C2012042



## TABLES

|                 | TABLE 1<br>SOIL SAMPLE ANALYTICAL RESULTS<br>Rojo AE 7811 JV-P Fed 001H<br>BTA Oil Producers, LLC<br>Lea County, New Mexico |                            |                    |                       |                    |                    |                    |                    |                      |                     |  |  |
|-----------------|---|----------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--|--|
| Sample I.D.     | Sample<br>Date  | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |  |  |
| NMOCD Table I C | losure Criteria (I  | NMAC 19.15.29)             | 10                 | 50                    | NE                 | NE                 | NE                 | 1,000              | 2,500                | 10,000              |  |  |
|                 |   |                            |                    | Deli                  | neation Soil Sa    | mples              |                    |                    | •                    |                     |  |  |
| SS01            | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS02*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| SS03*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| SS04*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS05            | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS06*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS07*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS08*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS09*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS10*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| SS11*           | 08/22/2023  | 0.5                        | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
|                 |   |                            |                    | Excava                | tion Floor Soil    | Samples            |                    |                    |                      |                     |  |  |
| FS01            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS02            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS03            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS04            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS05            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS06            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS07            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 48.0                |  |  |
| FS08            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS09            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS10            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS11            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS12            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS13            | 08/14/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS14            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS15            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 48.0                |  |  |
| FS16            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS17            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS18            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS19*           | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS20*           | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |

Ensolum

-

|                  | TABLE 1<br>SOIL SAMPLE ANALYTICAL RESULTS<br>Rojo AE 7811 JV-P Fed 001H<br>BTA Oil Producers, LLC<br>Lea County, New Mexico |                            |                    |                       |                    |                    |                    |                    |                      |                     |  |  |
|------------------|---|----------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--|--|
| Sample I.D.      | Sample<br>Date  | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |  |  |
| NMOCD Table I CI | osure Criteria (I   | NMAC 19.15.29)             | 10                 | 50                    | NE                 | NE                 | NE                 | 1,000              | 2,500                | 10,000              |  |  |
| FS21*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS22*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS23*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS24*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS25*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS26*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS27*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS28*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS29*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS30*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS31*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS32*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS33*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS34*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS35*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS36*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS37*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS38*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS39*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS40             | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 656                 |  |  |
| FS41*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS42*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS43*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS44*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS45*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS46*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS47*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS48*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS49*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS50*            | 08/15/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS51*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS52*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS53*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | 30.6               | <10.0              | 30.6               | 30.6                 | 32.0                |  |  |

Ensolum

|                 | TABLE 1<br>SOIL SAMPLE ANALYTICAL RESULTS<br>Rojo AE 7811 JV-P Fed 001H<br>BTA Oil Producers, LLC<br>Lea County, New Mexico |                            |                    |                       |                    |                    |                    |                    |                      |                     |  |  |  |
|-----------------|---|----------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--|--|--|
| Sample I.D.     | Sample<br>Date  | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |  |  |  |
| NMOCD Table I C | losure Criteria (   | NMAC 19.15.29)             | 10                 | 50                    | NE                 | NE                 | NE                 | 1,000              | 2,500                | 10,000              |  |  |  |
| FS54*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS55*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS56*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS57*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS58*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS59*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS60*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS61*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS62*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS63*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS64*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS65*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS66*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS67*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS68*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS69*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS70            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS71*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 64.0                |  |  |  |
| FS72            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 832                 |  |  |  |
| FS73*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 320                 |  |  |  |
| FS74*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 80.0                |  |  |  |
| FS75            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 48.0                |  |  |  |
| FS76*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 400                 |  |  |  |
| FS77*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS78*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS79*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS80*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS81*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS82*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS83*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS84*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS85*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS86            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |

Ensolum

|                  | TABLE 1<br>SOIL SAMPLE ANALYTICAL RESULTS<br>Rojo AE 7811 JV-P Fed 001H<br>BTA Oil Producers, LLC<br>Lea County, New Mexico |                            |                    |                       |                    |                    |                    |                    |                      |                     |  |  |
|------------------|---|----------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--|--|
| Sample I.D.      | Sample<br>Date  | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |  |  |
| NMOCD Table I CI | losure Criteria (   | NMAC 19.15.29)             | 10                 | 50                    | NE                 | NE                 | NE                 | 1,000              | 2,500                | 10,000              |  |  |
| FS87             | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS88*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS89*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS90*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS91*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS92*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS93*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS94*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS95*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS96*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS97*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS98*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS99*            | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS100*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS101*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS102*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS103*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS104*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS105*           | 08/16/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS106*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS107*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS108*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS109*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS110*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS111*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS112*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS113*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS114*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS115*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS116*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS117*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS118*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS119*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 192                 |  |  |

Ensolum

•

|                 | TABLE 1<br>SOIL SAMPLE ANALYTICAL RESULTS<br>Rojo AE 7811 JV-P Fed 001H<br>BTA Oil Producers, LLC<br>Lea County, New Mexico |                            |                    |                       |                    |                    |                    |                    |                      |                     |  |  |  |
|-----------------|---|----------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--|--|--|
| Sample I.D.     | Sample<br>Date  | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |  |  |  |
| NMOCD Table I C | losure Criteria (   | NMAC 19.15.29)             | 10                 | 50                    | NE                 | NE                 | NE                 | 1,000              | 2,500                | 10,000              |  |  |  |
| FS120*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS121*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS122*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS123*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS124*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS125*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS126*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS127*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS128*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS129*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS130*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS131*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS132*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 48.0                |  |  |  |
| FS133           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 112                 |  |  |  |
| FS134           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 64.0                |  |  |  |
| FS135*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS136*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS137*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS138*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS139*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS140*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS141*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS142*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS143*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS144*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS145*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS146*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS147*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |  |
| FS148*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS149*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS150*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |  |
| FS151*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |
| FS152*          | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |  |

Ensolum

|                  | TABLE 1<br>SOIL SAMPLE ANALYTICAL RESULTS<br>Rojo AE 7811 JV-P Fed 001H<br>BTA Oil Producers, LLC<br>Lea County, New Mexico |                            |                    |                       |                    |                    |                    |                    |                      |                     |  |  |
|------------------|---|----------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--|--|
| Sample I.D.      | Sample<br>Date  | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |  |  |
| NMOCD Table I Cl | losure Criteria (   | NMAC 19.15.29)             | 10                 | 50                    | NE                 | NE                 | NE                 | 1,000              | 2,500                | 10,000              |  |  |
| FS153*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS154*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS155*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS156*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS157            | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 112                 |  |  |
| FS158*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS159*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS160*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS161*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS162*           | 08/17/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS163*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS164*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS165*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS166*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS167*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS168*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS169*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS170*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS171*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS172*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS173*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS174*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS175*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS176*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS177*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS178*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS179            | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 80.0                |  |  |
| FS180            | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 64.0                |  |  |
| FS181            | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS182*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS183*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS184*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS185*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |

Ensolum

|                  | TABLE 1<br>SOIL SAMPLE ANALYTICAL RESULTS<br>Rojo AE 7811 JV-P Fed 001H<br>BTA Oil Producers, LLC<br>Lea County, New Mexico |                            |                    |                       |                    |                    |                    |                    |                      |                     |  |  |
|------------------|---|----------------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|--|--|
| Sample I.D.      | Sample<br>Date  | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg) | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |  |  |
| NMOCD Table I CI | losure Criteria (l  | NMAC 19.15.29)             | 10                 | 50                    | NE                 | NE                 | NE                 | 1,000              | 2,500                | 10,000              |  |  |
| FS186*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS187*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS188*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS189*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS190*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS191*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS192*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |  |  |
| FS193*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS194*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS195*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS196*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS197*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS198*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS199*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS200*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS201*           | 08/18/2023  | 1                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS202*           | 08/18/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS203*           | 08/18/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS204*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS205*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS206*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS207*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS208*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS209*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS210*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS211*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS212*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS213*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS214*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS215*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS216*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |
| FS217*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |  |  |
| FS218*           | 08/21/2023  | 2                          | <0.050             | <0.300                | <10.0              | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |  |  |

Ensolum

|                 |                    |                            |                    | Rojo A<br>BTA         | TABLE 1<br>LE ANALYTIC<br>E 7811 JV-P F<br>Oil Producers<br>County, New M | s, LLC             |                    |                    |                      |                     |
|-----------------|--------------------|----------------------------|--------------------|-----------------------|---|--------------------|--------------------|--------------------|----------------------|---------------------|
| Sample I.D.     | Sample<br>Date     | Sample Depth<br>(feet bgs) | Benzene<br>(mg/kg) | Total BTEX<br>(mg/kg) | TPH GRO<br>(mg/kg)  | TPH DRO<br>(mg/kg) | TPH ORO<br>(mg/kg) | GRO+DRO<br>(mg/kg) | Total TPH<br>(mg/kg) | Chloride<br>(mg/kg) |
| NMOCD Table I C | losure Criteria (l | NMAC 19.15.29)             | 10                 | 50                    | NE  | NE                 | NE                 | 1,000              | 2,500                | 10,000              |
| FS219*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |
| FS220*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |
| FS221*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |
| FS222*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |
| FS223*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |
| FS224*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |
| FS225*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |
| FS226*          | 08/21/2023         | 2                          | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |
|                 |                    |                            |                    | Excavati              | on Sidewall So  | il Samples         |                    |                    |                      |                     |
| SW01*           | 08/21/2023         | 0 - 2                      | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |
| SW02*           | 08/21/2023         | 0 - 2                      | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |
| SW03*           | 08/21/2023         | 0 - 2                      | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 16.0                |
| SW04*           | 08/21/2023         | 0 - 2                      | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | 32.0                |
| SW05*           | 08/21/2023         | 0 - 2                      | <0.050             | <0.300                | <10.0   | <10.0              | <10.0              | <10.0              | <10.0                | <16.0               |

TADIE 1

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

\* indicates sample was collected in area to be reclaimed after remediation is complete; reclamation standard in the top 4 feet is 600 mg/kg for chloride at 100 mg/kg for TPH.

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.



## APPENDIX A

### Remediation Work Plan, June 8, 2023

Released to Imaging: 10/24/2023 10:13:28 AM



June 6, 2023

**New Mexico Oil Conservation Division** New Mexico Energy, Minerals, and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

#### Re: Remediation Work Plan Rojo AE 7811 JV-P Fed 001H Incident Number NCH1836251271 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of BTA Oil Producers, LLC (BTA), has prepared the following *Remediation Work Plan* (*Work Plan*) to document remedial activities completed to date at the Rojo AE 7811 JV-P Fed 001H (Site) and propose additional remedial actions based on deficiencies documented by the New Mexico Oil Conservation Division (NMOCD) in their denial email dated March 3, 2020. The following *Work Plan* proposes to collect the appropriate number of confirmation floor and sidewall soil samples that were not completed in December 2018 as well as collect lateral delineation soil samples to verify the lateral extent of the release.

#### SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit D, Section 27, Township 25 South, Range 33 East, in Lea County, New Mexico (32.107610°, -103.56410°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On December 2, 2018, a dump valve froze into a closed position on a separator, causing the vessel to pressurize. The high-pressure relief valve opened, as designed, to prevent rupture of the vessel and incoming flow lines, resulting in the release of approximately 350 barrels (bbls) of crude oil and 35 bbls of produced water onto the well pad and eastern pasture. A vacuum truck was dispatched to the Site to recover free-standing fluids; approximately 200 bbls of crude oil and 20 bbls of produced water were recovered. BTA reported the release immediately to the NMOCD via email on December 2, 2018, and submitted a Release Notification Form C-141 (Form C-141) on December 4, 2018. The release was assigned Incident Number NCH1836251271.

On December 2, 2018, Cajun Energy was retained to remediate the Site, which included the excavation of 5,430 cubic yard of stained soil and soil with elevated field screening results. Following excavation activities, Cajun Energy collected 10 discrete soil samples (SP1 through SP10) at depths ranging from 2 feet to 3 feet below ground surface (bgs). The excavation extent and soil sample locations are depicted on Figure 2. A Site Activities & Backfill Request report was submitted to the NMOCD on March 4, 2019, describing remedial actions and requesting closure of Incident Number NCH1836251271. The report is included as Appendix A.

BTA Oil Producers, LLC Remediation Work Plan Rojo AE 7811 JV-P Fed 001H

The NMOCD denied closure on March 3, 2020, via email based on the following deficiencies:

- Soil samples were collected from only 10 points within the excavation spanning an area of more than 75,000 square feet. Please see 19.15.29.12 D. Closure Requirements. Each samples should not represent more than 200 square feet unless a sampling plan has already been submitted to and approved by the division.
- Sidewall samples were not collected to confirm the horizontal extents of the release were addressed.
- Depth to groundwater is not adequately identified. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.
- The Closure page for the C-141 was not included with the report.

The following sections will address the deficiencies described above in order to comply with Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC).

#### SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of 19.15.29 NMAC. Results from the characterization desktop review are presented on the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be between 50 feet to 100 feet below ground surface (bgs) based on the closest groundwater well data. The closest groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NM OSE) well number C-4698-POD 1, located approximately 579 feet west of the Site. On January 3, 2023, a field geologist logged and described soils continuously to a total depth of 60 feet bgs due to drilling refusal. The borehole was left open for over 72 hours to allow for potential slow infill of groundwater beneath the Site is greater than 60 feet bgs. The borehole was properly abandoned using drill cuttings and hydrated bentonite chips. Based on the soil boring, depth to groundwater at the Site is confirmed to be between 50 feet and 100 feet bgs. All wells used for depth to water determination are depicted on Figure 1 and the referenced well records are included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is an irrigation canal, located approximately 6,792 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (high potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply for the following chemicals of concern (COCs):

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total Petroleum Hydrocarbons (TPH) gasoline range organics (GRO) and TPH diesel range organics (DRO): 1,000 mg/kg



BTA Oil Producers, LLC Remediation Work Plan Rojo AE 7811 JV-P Fed 001H

- Total TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH will be applied to the top 4 feet of the pasture area per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be immediately reclaimed following remediation.

#### **PROPOSED REMEDIAL ACTIONS**

Based on the NMOCD's 2020 denial, Ensolum proposes the following remedial actions to address the deficiencies:

- Ensolum proposes to evaluate the lateral release extent based on information provided on the Form C-141 and document release extent. Ensolum will collect soil samples at 0.5 feet bgs outside of the release extent to confirm the lateral definition of the release. Tentative delineation soil sample locations are presented on Figure 2. The actual locations of the soil samples will be dependent on Site observations and may be adjusted once onsite.
- All soil samples will be field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips. Field screening results and observations were logged on lithologic/soil sampling logs. The soil sample locations will be mapped utilizing a handheld Global Positioning System (GPS) unit. Photographic documentation will be completed during the Site visit.
- Soil samples will be placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples will be transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following COCs: BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method SM4500.
- Ensolum will collect 5-point composite confirmation soil samples from the floor of the excavation per 19.15.29.12.D NMAC with the following variance request: based on the overall aerial extent of the release and subsequent excavation (greater than 75,000 square feet), Ensolum is requesting a variance in sample frequency from every 200 square feet to every 700 square feet. This would reduce the sample quantity from approximately 627 floor soil samples to 179 samples. Ensolum believes this frequency will adequately confirm the presence or absence of soil impacts and/or waste-containing soil (soil in off-pad areas that does not meet the reclamation requirements).
- Based on information provided by Cajun Energy, the excavation was completed to approximately 1-foot bgs in the vicinity of soil samples SP1 and SP2 and to 2 feet bgs in the rest of the excavation. As such, confirmation soil samples will be collected at those depths as shown on Figure 2.
- Ensolum will collect 5-point composite confirmation soil samples from the sidewalls of the excavation per 19.15.29.12.D NMAC at a frequency of one every 200 square feet. Based on the final depths of the excavation (between 1-foot and 2 feet bgs), approximately 11 sidewall soil samples will be collected.
- The 5-point composite samples will be collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The



BTA Oil Producers, LLC Remediation Work Plan Rojo AE 7811 JV-P Fed 001H

confirmation floor and sidewall soil samples will be handled and analyzed following the same procedures as described above.

- Depth to water has been adequately assessed as noted in the Site Characterization section and as such, the appropriate Closure Criteria has been determined and will be used for confirmation sampling comparisons on pad and the reclamation requirements will be utilized off pad in the top 4 feet.
- The Form C-141 for remediation plans has been included in Appendix C of this Work Plan.

BTA will complete the delineation and confirmation soil sampling activities described above within 90 days of the date of approval of this *Work Plan* by the NMOCD. If laboratory analytical results indicate concentrations of all COCs are in compliance with the Closure Criteria and/or the reclamation requirement and it is determined that impacted soil was satisfactorily removed, a *Closure Request* will be prepared and submitted to the NMOCD for concurrence. If laboratory analytical results do indicate the presence of impacted soil and/or waste-containing soil, BTA will submit a *Revised Remediation Work Plan (RRWP)* to outline additional remedial actions to addressed impacts.

BTA believes the scope of work described above will meet requirements set forth in 19.15.29.12 NMAC and are protective of human health, the environment, and groundwater. As such, BTA respectfully requests approval of this *Work Plan* from the NMOCD.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely, **Ensolum**, **LLC** 

Cadrie Dreen

Hadlie Green Staff Geologist

Ashley L. ager

Ashley Ager, M.S., PG Principal

cc: Kelton Beaird, BTA Nathan Sirgo, BTA Bureau of Land Management

Appendices:

Figure 1Site Receptor MapFigure 2Proposed Soil Sample LocationsAppendix APrevious Closure ReportAppendix BReferenced Well RecordsAppendix CForm C-141

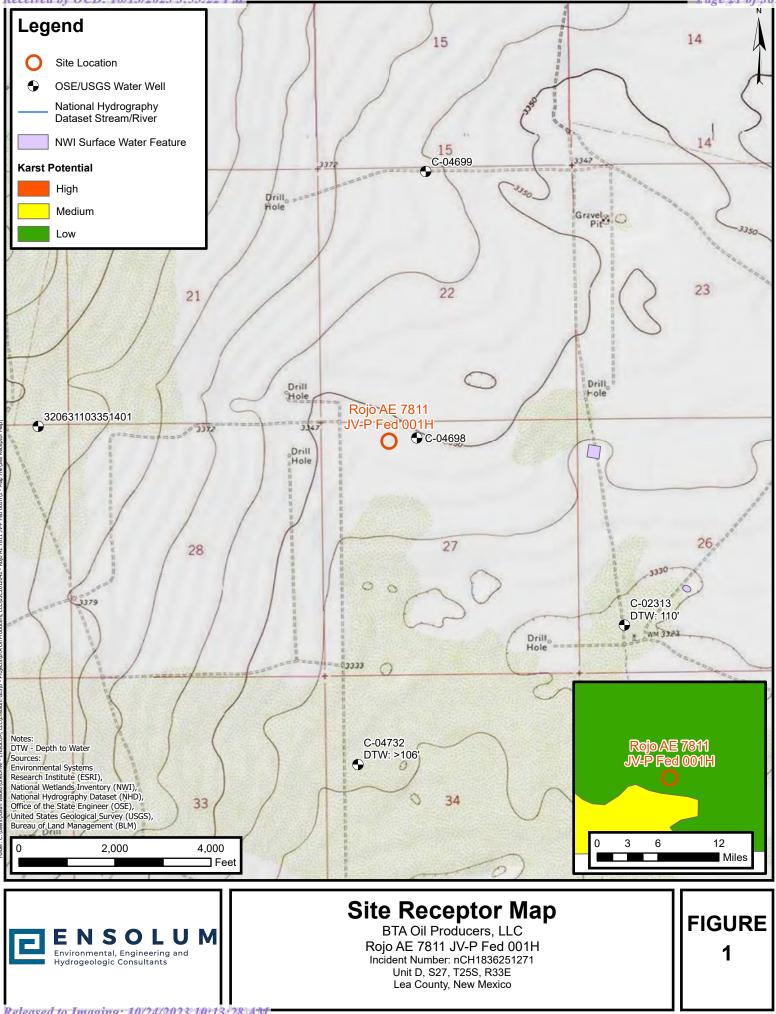




**FIGURES** 

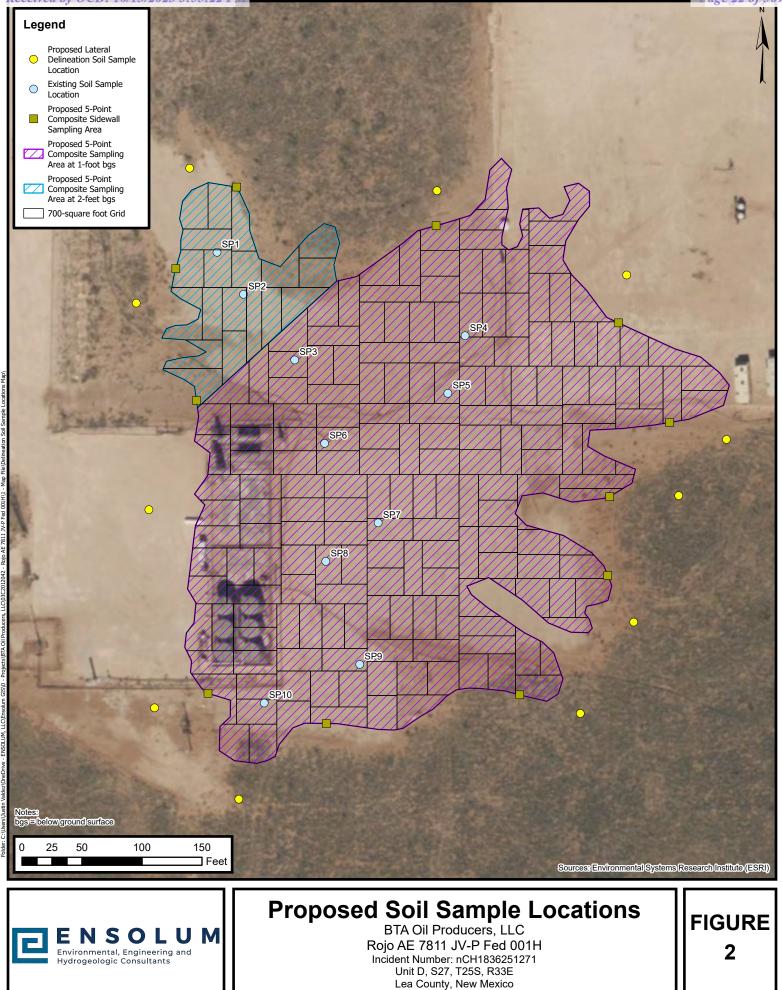
Received by OCD: 10/13/2023 3:55822 PM

Page 21 of 369



Released to Imaging: 10/24/2023 10:13:28 AM

Received by OCD: 10/13/2023 3:55:22 PM



Released to Imaging: 10/24/2023 10:13:28 AM



## APPENDIX A

Remediation Work Plan, June 8, 2023

| From:    | Eads, Cristina, EMNRD  |
|----------|--|
| To:      | "BGrimes@btaoil.com"   |
| Cc:      | <u>Mike EMNRD Bratcher (mike.bratcher@state.nm.us); Robert EMNRD Hamlet (Robert.Hamlet@state.nm.us);</u> |
|          | <u>Victoria EMNRD Venegas (Victoria.Venegas@state.nm.us)</u>   |
| Subject: | Closure Denial - Incident nCH183625127   |
| Date:    | Tuesday, March 3, 2020 3:00:00 PM  |
| •        | Closure Denial - Incident nCH183625127   |

#### Ben,

The OCD has denied the submitted Closure Report C-141 for incident # NCH1836251271 for the following reasons:

- Soil samples were collected from only 10 points within the excavation spanning an area of more than 75,000 square feet. Please see 19.15.29.12 D. Closure
   Requirements. Each samples should not represent more than 200 square feet unless a sampling plan has already been submitted to and approved by the division.
- Sidewall samples were not collected to confirm the horizontal extents of the release were addressed.
- Depth to groundwater is not adequately identified. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.
- The Closure page for the C-141 was not included with the report.

Please review and make the required corrections prior to resubmitting through the fee portal.

Thanks,

#### **Cristina Eads**

Environmental Bureau EMNRD – Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505.476.3084 email: <u>Cristina.Eads@state.nm.us</u>

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

#### **Bob Hall**

| From:        | Bob Hall  |
|--------------|---|
| Sent:        | Thursday, March 07, 2019 1:08 PM  |
| То:          | 'jamos@blm.gov'; Weaver, Crystal; 'emnrd-ocd-district1spills@state.nm.us' |
| Cc:          | 'Michael Alves'   |
| Subject:     | 1RP-5295 Site Activities Report and Request for Backfilling               |
| Attachments: | 1RP-5295.pdf; FINAL_Rojo AE Backfill Request.pdf                          |

Please find attached a site activities report and a request for backfilling the subject site that was prepared by Michael Alves with Cajun Energy.

If you have questions or concerns, Michael and I are available at any time that is convenient for you.

Thanks,

Bob Hall BTA Oil Producers, LLC Closure Denied - CE 104 S. Pecos Street Midland, TX 79701 03 03 2020 bhall@btaoil.com (432) 682 275

(432) 682-3753 (office) (432) 312-2203 (cell)

From: Hernandez, Christina, EMNRD < Christina.Hernandez@state.nm.us> Sent: Friday, December 28, 2018 4:09 PM To: Bob Hall <BHall@btaoil.com>; stucker@blm.gov Cc: Michael Alves <mike@cajun-energy.com>; Ben Grimes <BGrimes@btaoil.com> Subject: RE: Rojo AE Battery\_Signed Release Notification Form C-141 for Dec 2 2018 Release

\*\*\*\*\* EXTERNAL EMAIL - Please use caution and **DO NOT** open attachments or click links from unknown or unexpected emails. \*\*\*\*\*

Ms. Hall:

Notes

- 1. Dated, geo-referenced photo documentation for verification that the initial response activities have been employed to contain the release is requested.
- 2. 19.15.29.13 NMAC, regulations of corresponding agencies supersede NMOCD's.

1

The 1RP for this incident is

|      |            |   |         |                            |              | 25S-33E- |    |
|------|------------|---|---------|----------------------------|--------------|----------|----|
| 5295 | 12/28/2018 | А | BTA oil | Rojo AE 7811 JV-p Fed 001H | 30-025-43476 | 27D      | 12 |

Please remember to include this 1RP identifier to all communications. Delineate and remediate per regulation NMAC 19.15.29 available at <u>http://164.64.110.134/parts/title19/19.015.0029.html</u>. Mind the timelines for submittal of requisite information.

Please be advised that NMOCD recommends a completed site characterization/delineation report be reviewed or approved by NMOCD BEFORE any significant remediation work towards closure.

Thanks, Christina Hernandez EMNRD-OCD Environmental Specialist 1625 N. French Drive Hobbs, NM 88240 575-393-6161 x111 Christina.Hernandez@state.nm.us

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Bob Hall <<u>BHall@btaoil.com</u>>
Sent: Tuesday, December 4, 2018 3:54 PM
To: stucker@blm.gov; Hernandez, Christina, EMNRD <<u>Christina.Hernandez@state.nm.us</u>>
Cc: Michael Alves <<u>mike@cajun-energy.com</u>>; Ben Grimes <<u>BGrimes@btaoil.com</u>>
Subject: [EXT] Rojo AE Battery Signed Release Notification Form C-141 for Dec 2 2018 Release

Please find attached a scan of the signed Release Notification for the Rojo AE 7811 JV-P Federal 001H (closest well) Tank Battery spill that took place on 12/2/2018.

BTA will continue to work with Mike at Cajun Energy to execute the Site Assessment, Remediation and Closure activities at this spill site.

If you have any questions or concerns, please call me anytime.

Bob.

.

Bob Hall BTA Oil Producers, LLC 104 S. Pecos Street Midland, TX 79701

(432) 682-3753 (office) (432) 312-2203 (cell)

03/04/2019



Site Activities

### &

**Backfill Request** 

### 1RP-5295

### Rojo AE 7811 JV-P Federal 001H (Closest Well)

UL-D, Sec. 27-T25S-R33E

API # 30-025-43476

#### Prepared by:

Michael Alves Environmental Department Cajun Energy 831 East Highland Hobbs, NM 88240 Phone: (575) 631-4310 <u>mike@cajun-energy.com</u>

03/04/2019

BTA Oil Producers has retained Cajun Energy to address environmental issues for the site detailed herein.

The Rojo AE 7811 JV-P Federal 001H (API # 30-025-43476) is the closest well to this Production Facility and Tank Battery located west of Jal, Lea County, NM. According to the New Mexico Office of the State Engineer, the Minimum Depth to Water is 214 feet. (Appendix II).

As written in the C-141 filed on December 4, 2018 with the BLM/NMOCD, the release was caused by a frozen dump valve resulting in a vessel pressuring up and blowing oil and produced water out of the "pop off". (Appendix I) An estimated 350 BBL of oil and 35 BBL of produced water was released, of those volumes, 200 BBL of oil and 20 BBL of produced water were recovered. Since the spill volume was greater than 25 BBL, this spill is classified as a major release in accordance with NMOCD Rules. Subsequently, the release was assigned Incident #NCH1836251271 and District RP #1RP-5295.

On December 2, 2018, the day of the release, Cajun Energy was called to the location to perform emergency spill response activities. Cajun Energy made an emergency "One Call" dig alert and started spill remediation. Starting on December 2, 2018, the immediate remediation of the site commenced by excavating visibly soaked soil and stockpiling the soil onto a 6ml plastic liner. This timely effort stopped the downward migration of oil.

Excavation, stockpiling and disposal activities were performed through mid-December. From mid-December to mid-January, the primary activity was removal of the remaining impacted soil for disposal. A total of 5,430 cubic yards of soil were sent for disposal at Sundance Services, Inc. in Eunice, NM.

During excavation activities, samples for field testing were taken from 10 locations (SP1 through SP10) at points from surface down to 2' BGS (below ground surface). (Appendix III) Field testing on the samples used a titration process to estimate total chloride concentration and a PID meter was used to indicate the presence of volatile hydrocarbons in soil (inferring a concentration of TPH).

The excavation activity began with an initial scraping of up to 1' of obvious oil-soaked soil in the area of sample locations SP1 through SP10. Following the initial scraping, soil near sample locations SP1 and SP2 was left as is, due to field screening results and as confirmed with lab results. Using field screening and visual cues, an additional 1' of obviously impacted oil-soaked soil was removed in the vicinity of sample locations SP3 through SP10, resulting in a total of 2' BGS depth excavated from those portions of the spill area. (Appendix V)

When a soil sample at a location was field tested and indicated the presence of contaminant concentrations at a level below clean-up requirements, an additional soil

sample was taken at the same location at a point that was one foot deeper as confirmation. The second "deeper" sample was then taken to Cardinal Labs for lab analysis. Sample locations SP1 and SP2 were below clean-up requirements at their respective points located between surface and 1' BGS. All samples taken from sample locations SP3 through SP10 were below clean-up requirements at each point located between 1' and 2' BGS. (Appendix VI).

Inside of the lined secondary containment area, the tanks and equipment were washed as was the interior of the secondary containment. All waste water was taken to a BTA SWD for proper disposal.

At the completion of the emergency response activity at the present site, all impacted soil containing concentrations of TPH and Chlorides above the regulatory action levels has been removed. Field testing of bottom soil samples defined the limits of the impacted area and those limits are confirmed with lab analyses of additional soil samples at points located generally 1' deeper.

On behalf of BTA Oil Producers, Cajun Energy respectfully requests approval to backfill the site herein. The proposed work to be conducted by Cajun Energy will be to backfill and compact the site using clean imported soil and caliche. The surrounding area will be contoured to the excavation and then seeded with a native blend of seed, which in this case is LPC. The seed blend will be free of noxious weeds.

A site map is included in the Appendices and pictures (Appendix IV) have been included to provide additional information about the release and the scope of the emergency response activities. A closure report will be submitted to BLM/NMOCD along with all supporting documentation to provide closure to this release.

If you have any questions or concerns, please feel free to contact me.

Respectfully,

stude the

Michael Anthony Alves Cajun Energy – General Manager 575-631-4310 <u>mike@cajun-energy.com</u>

Appendix IC-141Appendix IIGroundwater SearchAppendix IIISite MapAppendix IVSite PhotosAppendix VSample TableAppendix VILab Data

03/04/2019

## Appendix I

C-141

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    | NCH1836251271 |
|----------------|---------------|
| District RP    | 1RP-5295      |
| Facility ID    |               |
| Application ID | pCH1836251636 |

### **Release Notification**

#### **Responsible Party**

| Responsible Party   | BTA Oil Producers                  | OGRID 260297                               |  |  |  |  |  |
|---------------------|------------------------------------|--|--|--|--|--|--|
| Contact Name        | Ben Grimes                         | Contact Telephone (432) 682-3753           |  |  |  |  |  |
| Contact email       | bgrimes@btaoil.com                 | Incident # NCH1836251271 ROJO AE 7811 JV-P |  |  |  |  |  |
| Contact mailing add | dress 104 S. Pecos St., Midland, T | X 79701 FED 001H @ 30-025-43476            |  |  |  |  |  |

#### **Location of Release Source**

Latitude 32.107610

Longitude -103.56410 (NAD 83 in decimal degrees to 5 decimal places)

| Site Name Rojo AE 7811 JV-P Fed 001H (closest well) | Site Type Tank Battery            |  |  |  |  |  |
|---|-----------------------------------|--|--|--|--|--|
| Date Release Discovered 12/02/2018                  | API# (if applicable) 30-025-43476 |  |  |  |  |  |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| D           | 27      | 25S      | 33E   | Lea    |

Surface Owner: State Federal Tribal Private (Name:

### Nature and Volume of Release

| Crude Oil        | Volume Released (bbls) 350 BBL   | Volume Recovered (bbls) 200 BBL         |
|------------------|--|---|
| Produced Water   | Volume Released (bbls) 35 BBL  | Volume Recovered (bbls) 20 BBL          |
|                  | 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

A dump valve froze into a closed position on the separator, causing the vessel to pressure up and the high pressure relief valve (pop-off) to open to prevent rupture of the vessel and the incoming lines.

•

Received by OCD: 10/13/2023 3755322 PM

| Form C-141 | State of New Mexico       | Incident ID    |  |
|------------|---------------------------|----------------|--|
| Page 2     | Oil Conservation Division | District RP    |  |
|            |                           | Facility ID    |  |
|            |                           | Application ID |  |
|            |                           |                |  |

| Was this a major<br>release as defined by<br>19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible party consider this a major release?       |
|--|--|
| Yes 🗌 No   | The spill volume was greater than 25 BBL, which the NMOCD Rules define as a major release. |
|  | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?      |
| Email sent to Shelly Tu<br>on 12/2/2018 at 9:02 F                | ucker, BLM, and Christina Hernandez, NMOCD, by Michael Alves, Cajun Energy,<br>M.          |

### **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.

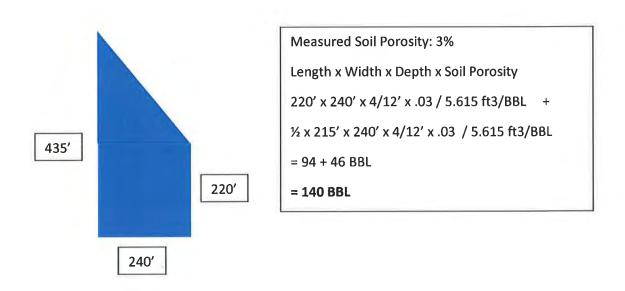
A A

| Printed Name: Ben Grimes | Title: Production Manager |
|--------------------------|---------------------------|
| Signature: Bendrow       | Date: 12/4/ 18            |
| email:bgrimes@btaoil.com | Telephone: (432) 682-3753 |
|                          |                           |
| OCD Only                 |                           |
| Received by:             | Date:                     |

### Release Notification for 12/2/2018 Incident

Calculations for Rojo AE 7811 JV-P Federal 001H (nearest well)

• The impacted area outside of the tank battery containment was calculated as follows:



- Plus: 220 BBL was contained and recovered from the tank battery secondary containment area.
- Plus: Estimated 25 BBL fluid remains inside secondary containment spread across the top of the tanks, vessels and piping.

Total volume reported: 385 BBL

At 10% Water Cut, Volumes in this Release Notification estimate are:

Crude Oil: 350 BBL

Produced Water: 35 BBL

03/04/2019

## Appendix II

Groundwater Search



## New Mexico Office of the State Engineer Water Column/Average Depth to Water

| (A CLW##### in the<br>POD suffix indicates the<br>POD has been replaced<br>& no longer serves a | (R=PC<br>been r<br>O=orp<br>C=the | eplaced<br>haned, |       | aua | rter    | sa | re 1: | =NW | 2=NF :   | 3=SW 4=S | F)             |              |        |                |                  |
|---|-----------------------------------|-------------------|-------|-----|---------|----|-------|-----|----------|----------|----------------|--------------|--------|----------------|------------------|
| water right file.)  | closed                            |                   |       |     |         |    |       |     | st to la |          | NAD83 UTM in m | neters)      | (      | In feet)       |                  |
|   |                                   | POD<br>Sub-       |       | ~   | ~       | ~  |       |     |          |          |                |              |        |                |                  |
| POD Number  | Code                              | Sub-<br>basin C   | ounty |     | Q<br>16 |    | Sec   | Tws | Rng      | х        | Y              | Distance     | -      | Depth<br>Water | vvater<br>Column |
| J 00005 POD1  |                                   | J                 | LE    |     |         |    |       |     | 35E      | 659200   | ) 3547174* 🌍   | 23510        | 601    | 230            | 371              |
| <u>J 00001</u>  |                                   | J                 | LE    | 1   | 1       | 3  | 18    | 26S | 36E      | 659416   | 3546374* 🍯     | 23939        | 550    | 253            | 297              |
| J 00002 X3  |                                   | J                 | LE    |     | 3       | 1  | 19    | 26S | 36E      | 659536   | 3545067* 🍯     | 24463        | 710    | 216            | 494              |
| J 00002 X2  |                                   | J                 | LE    |     | 4       | 3  | 18    | 26S | 36E      | 659929   | 3545879* 🌍     | 24575        | 650    | 214            | 436              |
| <u>J 00001 X</u>  |                                   | J                 | LE    | 2   | 4       | 1  | 19    | 26S | 36E      | 660042   | 3545173* 🧲     | 24905        | 640    | 250            | 390              |
| J 00027 POD1  |                                   | J                 | LE    | 1   | 2       | 2  | 30    | 26S | 36E      | 660612   | 3543961 🧲      | 25858        | 571    | 285            | 286              |
| J 00033 POD1  |                                   | J                 | LE    | 2   | 4       | 2  | 30    | 26S | 36E      | 660767   | 3543426 🧲      | 26200        | 551    | 250            | 301              |
| J 00034 POD1  |                                   | J                 | LE    | 2   | 4       | 2  | 30    | 26S | 36E      | 660869   | 3543643 🧲      | 26214        | 506    | 250            | 256              |
| J 00035 POD1  |                                   | J                 | LE    | 2   | 4       | 2  | 30    | 26S | 36E      | 660923   | 3543521 🧲      | 26309        | 506    | 250            | 256              |
| J 00004 POD1  |                                   | J                 | LE    | 4   | 1       | 3  | 29    | 26S | 36E      | 661366   | 3542970 🧲      | 26928        | 604    | 270            | 334              |
| J 00004 CLW458813   | 0                                 | J                 | LE    |     |         | 3  | 29    | 26S | 36E      | 661392   | 3542882* 🧲     | 26986        | 604    | 270            | 334              |
| J 00009 POD1  |                                   | J                 | LE    |     | 4       | 4  | 09    | 26S | 36E      | 663924   | 3547554* 🌍     | 28016        | 175    |                |                  |
| J 00008 POD1  |                                   | J                 | LE    |     | 3       | 3  | 10    | 26S | 36E      | 664327   | 3547560* 🧲     | 28409        | 175    |                |                  |
| J 00025 POD2  |                                   | J                 | LE    | 3   | 4       | 4  | 21    | 26S | 36E      | 663984   | 3544155 🌍      | 28965        | 800    |                |                  |
|   |                                   |                   |       |     |         |    |       |     |          |          | Aver           | age Depth to | Water  | 248            | feet             |
|   |                                   |                   |       |     |         |    |       |     |          |          |                | Minimum      | Depth  | 214            | feet             |
|   |                                   |                   |       |     |         |    |       |     |          |          |                | Maximum      | Depth: | 285            | feet             |
| Record Count: 14  |                                   |                   |       |     |         |    |       |     |          |          |                |              |        |                |                  |
| Basin/County Searc  | h:                                |                   |       |     |         |    |       |     |          |          |                |              |        |                |                  |
| Basin: Jal  |                                   |                   |       |     |         |    |       |     |          |          |                |              |        |                |                  |
| LITMNAD83 Radius  | Search (i                         | in mete           | re).  |     |         |    |       |     |          |          |                |              |        |                |                  |

#### UTMNAD83 Radius Search (in meters):

Easting (X): 636508.6

Northing (Y): 3553326

Radius: 30000

#### \*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

# Appendix III

Site Map

03/04/2019



03/04/2019

# Appendix IV

Site Photos

### 03/04/2019



Aerial View of spill



Spill Northeast View



Spill Looking west



Spill Looking west



Spill Looking South



Spill Looking Southeast



Spill looking southeast



Looking Northeast





Clean-up



Clean-up



Clean-up



Clean-up



Clean-up

03/04/2019

# Appendix V

Sample Table

#### Received by OCD: 10/13/2023 3755822/PM

#### Rojo AE Tank Battery Release - December 2, 2018 OCD Tracking #: 1RP-5295

|          |                 |         | Commis              | Field Sc   | reening   | Laboratory Results |           |           |         |         |         |         |         |         |         |         |  |  |
|----------|-----------------|---------|---------------------|------------|-----------|--------------------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|--|--|
| Location | CDC Coordinates | Sample  | Sample              |            | Titration |                    |           | ТРН       |         |         |         | Ethyl-  | Total   | TPH     | TPH     | TPH     |  |  |
| Location | GPS Coordinates | Date    | Depth<br>(feet BGS) | PID Result | Result    | Chloride           | Total TPH | GRO + DRO | BTEX    | Benzene | Toluene | benzene | Xylenes | GRO     | DRO     | Ext DRO |  |  |
|          |                 |         | (leet bGS)          | (PPM)      | (mg/kg)   | (mg/kg)            | (mg/kg)   | (mg/kg)   | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |  |  |
| SP1      |                 | 12/6/18 | Surface             | 30.0       | 224       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP1      |                 | 12/6/18 | 1                   | 0          | 174       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP1      |                 | 12/6/18 | 2                   |            |           | 64.0               | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP2      |                 | 12/6/18 | Surface             | 30.9       | 274       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP2      |                 | 12/6/18 | 1                   | 2.1        | 199       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP2      |                 | 12/6/18 | 2                   | 0          | 249       | 48.0               | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP3      |                 | 12/6/18 | Surface             | 0          | 224       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP3      |                 | 12/6/18 | 1                   | 25.5       | 124       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP3      |                 | 12/6/18 | 2                   | 0          | 399       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP3      |                 | 12/6/18 | 3                   | 0          | 174       | 48.0               | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP4      |                 | 12/6/18 | Surface             | 90.5       | 3,473     |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP4      |                 | 12/6/18 | 1                   | 104.5      | 499       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP4      |                 | 12/6/18 | 2                   | 0          | 274       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP4      |                 | 12/6/18 | 3                   | 0          | 199       | 16.0               | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP5      |                 | 12/6/18 | Surface             | 99.5       | 449       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP5      |                 | 12/6/18 | 1                   | 63.9       | 374       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP5      |                 | 12/6/18 | 2                   | 0          | 299       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP5      |                 | 12/6/18 | 3                   | 0          | 249       | 32.0               | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP6      |                 | 12/6/18 | Surface             | 49.2       | 549       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP6      |                 | 12/6/18 | 1                   | 78.2       | 474       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP6      |                 | 12/6/18 | 2                   | 0          | 249       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP6      |                 | 12/6/18 | 3                   | 0          | 199       | 32                 | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP7      |                 | 12/6/18 | Surface             | 1345       | 4,273     |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP7      |                 | 12/6/18 | 1                   | 434.9      | 624       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP7      |                 | 12/6/18 | 2                   | 0          | 999       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP7      |                 | 12/6/18 | 3                   | 0          | 624       | 320                | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP8      |                 | 12/6/18 | Surface             | 227.5      | 2,824     |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP8      |                 | 12/6/18 | 1                   | 50.8       | 249       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP8      |                 | 12/6/18 | 2                   | 3.4        | 224       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP8      |                 | 12/6/18 | 3                   | 0          | 174       | ND                 | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |
| SP9      |                 | 12/6/18 | Surface             | 361.8      | 249       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP9      |                 | 12/6/18 | 1                   | 21.6       | 199       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP9      |                 | 12/6/18 | 2                   | 0          | 174       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP9      |                 | 12/6/18 | 3                   | 0          | 124       | 32.0               | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |

#### Rojo AE Tank Battery Release - December 2, 2018 OCD Tracking #: 1RP-5295

|          |                 |         | Samula          | Field Screening |           | Laboratory Results |           |           |         |         |         |         |         |         |         |         |  |  |
|----------|-----------------|---------|-----------------|-----------------|-----------|--------------------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|--|--|
| Location | GPS Coordinates | Sample  | Sample<br>Depth |                 | Titration |                    |           | ТРН       |         |         |         | Ethyl-  | Total   | TPH     | TPH     | TPH     |  |  |
| Location | GPS Coordinates | Date    | (feet BGS)      | PID Result      | Result    | Chloride           | Total TPH | GRO + DRO | BTEX    | Benzene | Toluene | benzene | Xylenes | GRO     | DRO     | Ext DRO |  |  |
|          |                 |         |                 | (PPM)           | (mg/kg)   | (mg/kg)            | (mg/kg)   | (mg/kg)   | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) |  |  |
| SP10     |                 | 12/6/18 | Surface         | 114.6           | 574       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP10     |                 | 12/6/18 | 1               | 13.9            | 424       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP10     |                 | 12/6/18 | 2               | 0               | 249       |                    |           |           |         |         |         |         |         |         |         |         |  |  |
| SP10     |                 | 12/6/18 | 3               | 0               | 199       | 32.0               | ND        | ND        | ND      | ND      | ND      | ND      | ND      | ND      | ND      | ND      |  |  |

#### NMOCD Table 1 - Closure Criteria for Soils Impacted by a Release (19.15.29.12)

#### Minimum Depth to GW less than 10,000 mg/l TDS

| <= 50'     | 600    | 100   | -     | 50 | 10 |
|------------|--------|-------|-------|----|----|
| 51' - 100' | 10,000 | 2,500 | 1,000 | 50 | 10 |
| >100'      | 20,000 | 2,500 | 1,000 | 50 | 10 |

#### **Reporting Limits:**

Chlorides: 16.0 mg/kg Benzene, Toluene, Ethylbenzene: 0.050 mg/kg for each analyte Total Xylenes: 0.150 mg/kg Total BTEX: 0.300 mg/kg

GRO (C6 - C10), DRO (>C10 - C28), Ext DRO (>C28 - C36): 10.0 mg/kg for each analyte

03/04/2019

# Appendix VI

Lab Data

SP.1+Z



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 22, 2019

BOB HALL

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: ROJO AE #001

Enclosed are the results of analyses for samples received by the laboratory on 01/17/19 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 01/17/2019   | Sampling Date:      | 01/17/2019    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 01/22/2019   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

#### Sample ID: SP 1 @ 2' (H900165-01)

| BTEX 8021B     | mg/    | кд              | Analyze    | u by: 145    |      |            |               |      |           |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 01/21/2019 | ND           | 2.15 | 108        | 2.00          | 2.09 |           |
| Toluene*       | <0.050 | 0.050           | 01/21/2019 | ND           | 2.24 | 112        | 2.00          | 3.71 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 01/21/2019 | ND           | 2.29 | 115        | 2.00          | 9.35 |           |
| Total Xylenes* | <0.150 | 0.150           | 01/21/2019 | ND           | 6.64 | 111        | 6.00          | 6.56 |           |
| Total BTEX     | <0.300 | 0.300           | 01/21/2019 | ND           |      |            |               |      |           |

Analyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 97.7 % 73.3-129

| Chloride, SM4500Cl-B          | mg,    | 'kg             | Analyze    | d By: AC     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                      | 64.0   | 16.0            | 01/21/2019 | ND           | 432 | 108        | 400           | 3.77  |           |
| TPH 8015M                     | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |       |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 01/18/2019 | ND           | 240 | 120        | 200           | 0.290 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 01/18/2019 | ND           | 231 | 116        | 200           | 0.112 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 01/18/2019 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 92.8   | % 41-142        | ?          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 92,9   | % 37 6-14       | 17         |              |     |            |               |       |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatbasever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without invitation, busness interruptors, loss of use, or loss of profits incurred by client, its subsidianes, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celler I there -

Celey D. Keene, Lab Director/Quality Manager



BTA Oil Producers BOB HALL 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 01/17/2019   | Sampling Date:      | 01/17/2019    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 01/22/2019   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

### Sample ID: SP 2 @ 2' (H900165-02)

| BTEX 8021B     | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 01/21/2019 | ND           | 2.15 | 108        | 2.00          | 2.09 |           |
| Toluene*       | <0.050 | 0.050           | 01/21/2019 | ND           | 2.24 | 112        | 2.00          | 3.71 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 01/21/2019 | ND           | 2.29 | 115        | 2.00          | 9.35 |           |
| Total Xylenes* | <0.150 | 0,150           | 01/21/2019 | ND           | 6.64 | 111        | 6.00          | 6.56 |           |
| Total BTEX     | <0.300 | 0.300           | 01/21/2019 | ND           |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID 104 % 73.3-129

| Chloride, SM4500Cl-B          | mg,    | /kg             | Analyze    | d By: AC     |     |            |               |       |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|-------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                      | 48.0   | 16.0            | 01/21/2019 | ND           | 432 | 108        | 400           | 3.77  |           |
| TPH 8015M                     | mg,    | /kg             | Analyze    | d By: MS     | _   |            |               |       |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 01/18/2019 | ND           | 240 | 120        | 200           | 0.290 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 01/18/2019 | ND           | 231 | 116        | 200           | 0.112 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 01/18/2019 | ND           |     |            |               |       |           |
| Surrogate: 1-Chlorooctane     | 94.4   | % 41-142        | ?          |              |     |            |               |       |           |
| Surrogate: 1-Chlorooctadecane | 92.9   | % 37.6-14       | 17         |              |     |            |               |       |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All claims, induding those for negligence and any often cause whatsoever shall be deemed walved unlines made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including within the structure within the structure shall be the performance of the services hereunder by Cardinal, regardless of whether such claims based upon any of the shore stated reasons or otherwise. Receipts relate only to the samples interafied above. This report shall not be requireduced except in full with written approval of Cardinal Laboratories.

Cellery Zatreene -

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 10/13/2023 3755322 PM



#### **Notes and Definitions**

| QR-02 | The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data. |
|-------|---|
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| RPD   | Relative Percent Difference   |
| **    | Samples not received at proper temperature of 6°C or below.   |
| ***   | Insufficient time to reach temperature.   |
| 2     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C   |
|       | Samples reported on an as received basis (wet) unless otherwise noted on report   |
|       |   |

#### Cardinal Laboratories

#### \*=Accredited Analyte

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 client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for inddental 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories,

Cellery Z. Frence -

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 10/13/2023/3755322/PM

•

Released to Imaging: 10/24/2023 10318428 AM

Received by OCD: 10/13/2023/3755322/PM

•



### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

#### 101 East Marland, Hobbs, NM 88240

| A DESCRIPTION OF A DESC | 75) 393-2326 FAX   | Contraction in the second s |                    | ~                    | _                           | _                         |                        |                   |            |                         |              |           |                    |           |          |      |     |          |         |      |      |        |   |            |
|--|--|---|--------------------|----------------------|-----------------------------|---------------------------|------------------------|-------------------|------------|-------------------------|--------------|-----------|--------------------|-----------|----------|------|-----|----------|---------|------|------|--------|---|------------|
| Company Name:  | BTA oil  | Produced  | 2                  |                      |                             |                           |                        | 1                 | -          | BI                      | LL 1         | ГО        |                    |           |          |      | A   | NALY     | SIS     | REQ  | UEST |        |   |            |
| Project Manager:   | Bob Hall   |   |                    |                      |                             |                           |                        | -                 | 0. #:      |                         |              | _         | _                  |           |          |      | 1 1 |          |         | 1    |      |        |   |            |
| Address:   |  |   |                    |                      |                             |                           |                        | Co                | mpa        | ny:                     |              |           |                    |           |          |      |     |          |         |      |      |        |   |            |
| City:  |  | State:  | Zip                |                      |                             |                           |                        | At                | in:        | B                       | do           | Ho        | 11                 |           |          |      | 1 1 |          |         |      |      | l      | 6 |            |
| Phone #:   |  | Fax #:  |                    |                      |                             |                           |                        | Ad                | Idres      |                         |              |           |                    |           |          |      |     |          |         |      |      |        |   |            |
| Project #:   |  | Project Owner   | -                  |                      |                             |                           |                        | Cit               | ty:        |                         |              |           |                    | 1         |          |      |     |          |         |      |      |        |   |            |
| Project Name:  |  |   |                    |                      |                             |                           |                        | Sta               | ate:       |                         | Zip:         |           |                    |           |          |      |     |          | - 1     |      |      |        |   |            |
| Project Location:  | ROJO AE #  | 001   |                    |                      |                             |                           |                        | Ph                | one        | #:                      |              |           |                    |           |          |      |     |          |         |      |      |        |   |            |
| Sampler Name:  | Michae AN  |   |                    |                      |                             |                           |                        | Fa                | x #:       |                         |              |           |                    |           |          |      |     |          |         |      |      |        |   |            |
| FOR LAZ USE ONLY   |  |   | 1.                 |                      |                             | MAT                       | RIX                    |                   | PRE        | SERV.                   | SA           | MPLI      | NG                 |           |          |      |     |          |         |      |      |        |   | 1          |
| Lab I.D.<br>H900165  | Sample I.  | D.  | (G)RAB OR (C)OMP   |                      | GROUNDWATER<br>WASTEWATER   | SOIL                      | OIL.<br>SUDGE          | OTHER :           | ACID/BASE: | ICE / COOL<br>OTHER :   | DA           | ATE       | TIME               | a         | TRI      | BTG  | q   |          |         |      |      |        |   |            |
| 1  | Q.1612   |   | 88                 | 1                    |                             | ×                         |                        |                   |            | ×                       | 1/17         | A         | 10100              | ×         | ×        | ×    |     |          |         |      |      |        |   |            |
| 2  | SPZOZ  |   | 8                  | 1                    |                             | ×                         |                        |                   |            | ×                       | 110          | 19        | 10:15              | +         | ×        | +    |     | -        |         |      |      |        | _ | _          |
|  |  |   | 1                  |                      |                             |                           |                        |                   |            |                         | 1            | V.        |                    |           |          |      |     |          |         |      |      |        | _ |            |
|  |  |   | 1                  |                      |                             |                           | _                      | 4                 | -          |                         | 1            | -         |                    |           | <u> </u> |      |     | -        |         |      |      |        |   |            |
|  |  |   | 1                  |                      |                             |                           |                        | 1                 |            |                         | Į            |           |                    |           | -        | _    |     | -        | -       |      |      |        |   | -          |
|  |  |   | 1                  |                      | 1                           |                           |                        | -                 |            |                         |              |           |                    | 1         | -        | -    |     | _        | -       | -    |      | _      | - | _          |
|  |  |   | 1                  |                      |                             |                           |                        |                   | -          |                         |              |           |                    |           |          |      |     |          |         |      |      |        |   | _ <u>_</u> |
|  |  |   | -                  |                      |                             |                           | 1                      |                   | -          | _                       |              |           |                    | -         |          | -    |     |          |         |      |      |        |   |            |
|  |  |   | -                  | -                    |                             |                           |                        |                   |            |                         | 1            |           |                    |           |          |      |     |          |         |      |      |        |   |            |
|  | Danages, Cardina's liability and de  |   |                    |                      |                             |                           |                        |                   |            |                         |              |           |                    |           | 1        | 1    |     |          |         | _    |      |        | - |            |
| analyses. All claims including service. In no event shall Care   | those for negligence and any cliner:<br>linal beliable for incidental or conse | muse wholsoever shall be<br>equental comoges, including   | oearre<br>orithe g | d baive<br>ut limite | ed unless π<br>alon, busing | nade in<br>ess inte       | writing a<br>strugtion | s, loss           | o! use, o  | or loss of p            | profits incu | urred by  | client, its subsid | Succ      | ole      |      |     |          |         |      |      |        |   |            |
| Relinguished By:   | out of or reliated to the performance  | Date:   | Re                 | CON                  | diess of wh<br>red By       | ether s                   | ust dae                | 1                 | -          | Children of Children of |              | ilated re | Phone Re           |           | I Ye     |      |     | Add'l Ph | none #: |      |      | _      |   |            |
| Relinguished By:   | U  | Date:   | FD                 | H                    | U<br>red By                 | L                         |                        |                   |            | A                       | Ov           | r         | Fax Resu<br>REMARK | it:<br>S: |          | is [ |     | Add'l Fa |         | વુખુ |      | $\sim$ |   |            |
| Delivered By:<br>Sampler - UPS -   | (Circle One)<br>Bus - Other:   | .7°/#   | 9                  | 7                    | San                         | nple<br>ol I<br>Yes<br>No | Cond<br>Intact         | ition<br>es<br>lo |            | CHEC                    |              | F         |                    |           |          |      |     |          |         |      |      |        |   |            |

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2328

Received by OCD: 10/13/2023/37555322\PM



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 26, 2018

MICHAEL ALVES

BTA Oil Producers

103 South Pecos

Midland, TX 79701

RE: ROJO AE #001

Enclosed are the results of analyses for samples received by the laboratory on 12/21/18 10:07,

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018   | Sampling Date:      | 12/16/2018    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 12/26/2018   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

#### Sample ID: SP 3 @ 3' (H803756-01)

| BTEX 8021B     | mg,     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|----------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte        | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050  | 0.050           | 12/21/2018 | ND           | 1.81 | 90.5       | 2.00          | 4.56 |           |
| Toluene*       | <0.050  | 0.050           | 12/21/2018 | ND           | 1.80 | 90.0       | 2.00          | 3.92 |           |
| Ethylbenzene*  | < 0.050 | 0.050           | 12/21/2018 | ND           | 1.78 | 88.8       | 2.00          | 4.27 |           |
| Total Xylenes* | <0.150  | 0.150           | 12/21/2018 | ND           | 5.23 | 87.2       | 6.00          | 3.64 |           |
| Total BTEX     | <0.300  | 0.300           | 12/21/2018 | ND           |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PIL 102 % 73.3-129

| Chloride, SM4500CI-B          | mg     | /kg             | Analyze             | d By: AC     |     |            |               |      |           |
|-------------------------------|--------|-----------------|---------------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed            | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | 48.0   | 16.0            | 12/21/2018          | ND           | 416 | 104        | 400           | 3.77 |           |
| TPH 8015M                     | mg,    | /kg             | Analyze             | d By: MS     |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed            | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018          | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018          | ND           | 221 | 111        | 200           | 2.44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 1 <b>2/21/20</b> 18 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 108    | % 41-142        | 2                   |              |     |            |               |      |           |
| Surrogate: 1-Chlorooctadecane | 110    | % 37.6-14       | 7                   |              |     |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEXEE NOTE: Liability and Damages, Cardinal's tability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thinty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential or consequential damages, including, without limitation, business interruptors, loss of use, or loss of profits incurred by client, its subsdames, affiliates or successons arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims based by one stated reasons or otherwise. Results relate only to the samples technified above. This report shall not be reproduced except in full with written approval of Cardinal aboratornes.

Celez Z. treene-

Celey D. Keene, Lab Director/Quality Manager



BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018   | Sampling Date:      | 12/16/2018    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 12/26/2018   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

### Sample ID: SP 4 @ 3' (H803756-02)

| BTEX 8021B     | mg,    | кg              | Analyze    | u by: MS     |      |            |               |      |           |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 12/21/2018 | ND           | 1.81 | 90.5       | 2.00          | 4.56 |           |
| Toluene*       | <0.050 | 0.050           | 12/21/2018 | ND           | 1.80 | 90.0       | 2.00          | 3.92 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 12/21/2018 | ND           | 1.78 | 88.8       | 2.00          | 4.27 |           |
| Total Xylenes* | <0.150 | 0.150           | 12/21/2018 | ND           | 5.23 | 87.2       | 6.00          | 3.64 |           |
| Total BTEX     | <0.300 | 0.300           | 12/21/2018 | ND           |      |            |               |      |           |

Applyzed By: MS

Surrogate: 4-Bromofluorobenzene (PIL 105 % 73.3-129

| Chloride, SM4500Cl-B          | mg/    | kg              | Analyze         | d By: AC     |     |            |               |      |           |
|-------------------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | 16.0   | 16.0            | 12/21/2018      | ND           | 416 | 104        | 400           | 3.77 |           |
| TPH 8015M                     | mg/kg  |                 | Analyzed By: MS |              |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed        | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018      | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018      | ND           | 221 | 111        | 200           | 2.44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 12/21/2018      | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 106 9  | % 41-142        |                 |              |     |            |               |      |           |
| Surrogate: 1-Chlorooctadecane | 109 9  | % 37.6-14       | 7               |              |     |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEASE NOTE: Lability 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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by claimal, activation of the applicable service. In no event shall Cardinal be lable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incidental by client, its subsidiaries, atfiliates oi successions anising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Recultified above: This reproduced except in full with writen approval of Cardinal Laboratores.

Cellerg in treene

Celey D. Keene, Lab Director/Quality Manager



BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018   | Sampling Date:      | 12/16/2018    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 12/26/2018   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

### Sample ID: SP 5 @ 3' (H803756-03)

| BTEX 8021B     | mg,    | mg/kg           |                     | Analyzed By: MS |      |            |               |      |           |
|----------------|--------|-----------------|---------------------|-----------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed            | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 12/21/2018          | ND              | 1.81 | 90.5       | 2.00          | 4.56 |           |
| Toluene*       | <0.050 | 0.050           | 12/21/2018          | ND              | 1.80 | 90.0       | 2.00          | 3.92 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 12/21/2018          | ND              | 1.78 | 88.8       | 2.00          | 4.27 |           |
| Total Xylenes* | <0,150 | 0.150           | 12/21/2018          | ND              | 5.23 | 87.2       | 6.00          | 3.64 |           |
| Total BTEX     | <0.300 | 0.300           | 12/2 <b>1/20</b> 18 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID 96.2 % 73.3-129

| Chloride, SM4500CI-B          | mg,    | /kg             | Analyze    | d By: AC     | _   |            |               |      |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | 32.0   | 16.0            | 12/21/2018 | ND           | 416 | 104        | 400           | 3.77 |           |
| ТРН 8015М                     | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018 | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018 | ND           | 221 | 111        | 200           | 2.44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 12/21/2018 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 108    | % 41-142        |            |              |     |            |               |      |           |
| Surrogate: 1-Chlorooctadecane | 109    | % 37.6-14       | 7          |              |     |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or bort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (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 incidental or consequential damages, admits be expressed upon any of the above stated reasons or otherwise. Results related to he samples thereindeed avecage in full with writine approval of Cardinal Laboratories,

Celler Linterne -

Celey D. Keene, Lab Director/Quality Manager



BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018   | Sampling Date:      | 12/16/2018    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 12/26/2018   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

#### Sample ID: SP 6 @ 3' (H803756-04)

| BTEX 8021B     | mg,    | mg/kg           |            | Analyzed By: MS |      |            |               |      |          |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifie |
| Benzene*       | <0.050 | 0.050           | 12/21/2018 | ND              | 1.81 | 90.5       | 2.00          | 4.56 |          |
| Toluene*       | <0.050 | 0.050           | 12/21/2018 | ND              | 1.80 | 90.0       | 2.00          | 3,92 |          |
| Ethylbenzene*  | <0.050 | 0.050           | 12/21/2018 | ND              | 1,78 | 88.8       | 2.00          | 4,27 |          |
| Total Xylenes* | <0.150 | 0,150           | 12/21/2018 | ND              | 5.23 | 87.2       | 6.00          | 3.64 |          |
| Total BTEX     | <0.300 | 0.300           | 12/21/2018 | ND              |      |            |               |      |          |

Surrogate: 4-Bromofluorobenzene (PIL 97.3 % 73.3-129

| Chloride, SM4500CI-B          | mg     | /kg             | Analyze    | d By: AC     |     |            |               |      |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | 32.0   | 16.0            | 12/21/2018 | ND           | 416 | 104        | 400           | 3.77 |           |
| ТРН 8015М                     | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018 | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018 | ND           | 221 | 111        | 200           | 2,44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 12/21/2018 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 104    | % 41-142        |            |              |     |            |               |      |           |
| Surrogate: 1-Chlorooctadecane | 103    | % 37.6-14       | 7          |              |     |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including thickes of priorits incurred by client, its subdiaries, affiltables or successors alising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratores.

Celleg E. Keine -

Celey D. Keene, Lab Director/Quality Manager



BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018   | Sampling Date:      | 12/16/2018    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 12/26/2018   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

#### Sample ID: SP 7 @ 3' (H803756-05)

BTEX 8021B mg/kg Analyzed By: MS

| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Benzene*       | <0.050 | 0.050           | 12/21/2018 | ND           | 1.81 | 90.5       | 2.00          | 4.56 |           |
| Toluene*       | <0.050 | 0.050           | 12/21/2018 | ND           | 1.80 | 90.0       | 2.00          | 3.92 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 12/21/2018 | ND           | 1.78 | 88.8       | 2.00          | 4.27 |           |
| Total Xylenes* | <0.150 | 0.150           | 12/21/2018 | ND           | 5.23 | 87.2       | 6.00          | 3.64 |           |
| Total BTEX     | <0.300 | 0.300           | 12/21/2018 | ND           |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PIL 95.0 % 73.3-129

| Chloride, SM4500Cl-B          | mg/    | 'kg             | Analyze    | d By: AC     |     |            |               |      |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | 320    | 16.0            | 12/21/2018 | ND           | 416 | 104        | 400           | 3.77 |           |
| TPH 8015M                     | mg/    | /kg             | Analyze    | d By: MS     |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018 | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018 | ND           | 221 | 111        | 200           | 2,44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 12/21/2018 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 97.3   | % 41-142        | )          |              |     |            |               |      |           |
| Surrogate: 1-Chlorooctadecane | 96.8   | % 37.6-14       | 7          |              |     |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, inducing those for negligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cardinal within thirty (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 incuried by client, its substainies, affiliates or successos arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples undefined above. This report shall note reproduced exception in full with written approval of Cardinal taborations.

Calley in theme -

Celey D. Keene, Lab Director/Quality Manager



87.2

#### Analytical Results For:

BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018          | Sampling Date:      | 12/16/2018    |
|-------------------|---------------------|---------------------|---------------|
| Reported:         | 12/26/2018          | Sampling Type:      | Soil          |
| Project Name:     | <b>ROJO AE #001</b> | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN          | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN           |                     |               |

#### Sample ID: SP 8 @ 3' (H803756-06)

Total Xylenes\*

Total BTEX

Analyzed By: MS **BTEX 8021B** mg/kg Analyzed Method Blank BS % Recovery True Value QC Reporting Limit Result Analyte ND 1.81 90.5 2.00 0.050 12/21/2018 < 0.050 Benzene\* 90.0 2.00 12/21/2018 ND 1.80 < 0.050 0.050 Toluene\* 88.8 2.00 ND 1.78 < 0.050 0.050 12/21/2018 Ethylbenzene\*

0.150

0.300

12/21/2018

12/21/2018

Surrogate: 4-Bromofluorobenzene (PID 97.8 % 73.3-129

< 0.150

<0.300

| Chloride, SM4500CI-B          | mg,    | /kg             | Analyze    | d By: AC     | -   |            |               |      |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | <16.0  | 16.0            | 12/21/2018 | ND           | 416 | 104        | 400           | 3.77 |           |
| TPH 8015M                     | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018 | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018 | ND           | 221 | 111        | 200           | 2.44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 12/21/2018 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 98.1   | % 41-142        | ,          |              |     |            |               |      |           |
| Surrogate: 1-Chlorooctadecane | 958    | % 37.6-14       | 7          |              |     |            |               |      |           |

ND

ND

5.23

#### Cardinal Laboratories

#### \*=Accredited Analyte

RPD

4.56

3.92

4,27

3.64

6.00

Qualifier

PLEASE NOTE: Liabidity and Damages. Cardinal's liability and clent's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by dient for 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 thirty (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 the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celleg in theme -

Celey D. Keene, Lab Director/Quality Manager



BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018   | Sampling Date:      | 12/16/2018    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 12/26/2018   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

### Sample ID: SP 9 @ 3' (H803756-07)

| BTEX 8021B     | mg,    | /kg             | Analyze    | а ву: м5     |      |            |               |      |           |
|----------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte        | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050 | 0.050           | 12/21/2018 | ND           | 1.81 | 90.5       | 2.00          | 4.56 |           |
| Toluene*       | <0.050 | 0.050           | 12/21/2018 | ND           | 1.80 | 90.0       | 2.00          | 3.92 |           |
| Ethylbenzene*  | <0.050 | 0.050           | 12/21/2018 | ND           | 1.78 | 88.8       | 2.00          | 4.27 |           |
| Total Xylenes* | <0.150 | 0.150           | 12/21/2018 | ND           | 5.23 | 87.2       | 6.00          | 3.64 |           |
| Total BTEX     | <0.300 | 0.300           | 12/21/2018 | ND           |      |            |               |      |           |

Analyzed By MC

Surrogate: 4-Bromofluorobenzene (PIL 98.2 % 73.3-129

| Chloride, SM4500Cl-B          | mg,    | /kg             | Analyze    | d By: AC     |     |            |               |      |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | 32.0   | 16.0            | 12/21/2018 | ND           | 416 | 104        | 400           | 3.92 |           |
| TPH 8015M                     | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018 | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018 | ND           | 221 | 111        | 200           | 2.44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 12/21/2018 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 92.6   | % 41-142        |            |              |     |            |               |      |           |
| Surrogate, 1-Chlorooctadecane | 91.6   | % 37.6-14       | 7          |              |     |            |               |      |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clent's exclusive remedy for any daim ansing, whether based in contract or tort, shall be limited to the amount paid by client for 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 thirty (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 anising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratornes.

Celeg Z. there -

Celey D. Keene, Lab Director/Quality Manager



BTA Oil Producers MICHAEL ALVES 103 South Pecos Midland TX, 79701 Fax To: (432) 683-0312

| Received:         | 12/21/2018   | Sampling Date:      | 12/16/2018    |
|-------------------|--------------|---------------------|---------------|
| Reported:         | 12/26/2018   | Sampling Type:      | Soil          |
| Project Name:     | ROJO AE #001 | Sampling Condition: | Cool & Intact |
| Project Number:   | NONE GIVEN   | Sample Received By: | Jodi Henson   |
| Project Location: | NOT GIVEN    |                     |               |

#### Sample ID: SP 10 @ 3' (H803756-08)

| BTEX 8021B     | mg/kg   |                 | Analyzed By: MS |              |      |            |               |      |           |
|----------------|---------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte        | Result  | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*       | <0.050  | 0.050           | 12/21/2018      | ND           | 1.81 | 90.5       | 2.00          | 4.56 |           |
| Toluene*       | < 0.050 | 0.050           | 12/21/2018      | ND           | 1.80 | 90.0       | 2.00          | 3.92 |           |
| Ethylbenzene*  | <0.050  | 0,050           | 12/21/2018      | ND           | 1.78 | 88.8       | 2.00          | 4.27 |           |
| ⊤otal Xylenes* | <0.150  | 0,150           | 12/21/2018      | ND           | 5.23 | 87.2       | 6.00          | 3.64 |           |
| Total BTEX     | <0.300  | 0,300           | 12/21/2018      | ND           |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PIL 98.8 % 73.3-129

| Chloride, SM4500Cl-B          | mg     | kg              | Analyze    | d By: AC     | _   |            |               |      |           |
|-------------------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                      | 32.0   | 16.0            | 12/21/2018 | ND           | 416 | 104        | 400           | 3.92 |           |
| TPH 8015M                     | mg,    | /kg             | Analyze    | d By: MS     |     |            |               |      |           |
| Analyte                       | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                   | <10.0  | 10.0            | 12/21/2018 | ND           | 199 | 99.4       | 200           | 1.11 |           |
| DRO >C10-C28*                 | <10.0  | 10.0            | 12/21/2018 | ND           | 221 | 111        | 200           | 2.44 |           |
| EXT DRO >C28-C36              | <10.0  | 10.0            | 12/21/2018 | ND           |     |            |               |      |           |
| Surrogate: 1-Chlorooctane     | 98.2   | % 41-142        | ,          |              |     |            |               |      |           |
| Surrogate: 1-Chloroocladecane | 96.3   | % 37.6-14       | 7          |              | 6   |            |               |      |           |

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's hability and chent's exclusive remedy for any claim arising, whether based in contract or lort, shall be limited to the amount paid by client for 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 thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidential 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratones.

Celler Line

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

#### **Notes and Definitions**

| ND  | Analyte NOT DETECTED at or above the reporting limit                            |
|-----|---|
| RPD | Relative Percent Difference   |
| **  | Samples not received at proper temperature of 6°C or below.                     |
| *** | Insufficient time to reach temperature.   |
| 343 | Chloride by SM4500CI-B does not require samples be received at or below 6°C     |
|     | Samples reported on an as received basis (wet) unless otherwise noted on report |

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatbaever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

College Frence

Celey D. Keene, Lab Director/Quality Manager

Page 10 of 11

# **CARDINAL** Laboratories

101 East Marland, Hobbs, NM 88240

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| (575  | 5) 393-2326 FAX (575) 393-24 | 76                                     |              |  |                             |          |                                    |  |                    |                  |          |  |   |   |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
|---|------------------------------|--|--------------|--|-----------------------------|----------|------------------------------------|--|--------------------|------------------|----------|--|---|---|---|------|-----|-------|----|--------|---------------|---|------|----------|---|---|-----|---|---|
| Company Name: BTA OIL Producers   |                              |  |              |  | T                           |          |                                    | B  | 311                | L TO             | -11 ···  | ANALYSIS REQUEST                                     |   |   |   |      |     | -     |    |        |               |   |      |          |   |   |     |   |   |
| Project Manager: //   | Nichael Alves                |  |              |  |                             |          |                                    | P.0  | ), #:              |                  |          |  |   |   | T   |      |     |       | T  | 1      |               | 1 | T    | 1        |   | - | 1   | T | - |
| Address:  |                              |  |              |  | _                           |          | 1                                  | Company: BTA<br>Attn:Bryp Davi<br>Address: |                    |                  |          |  | 1   |   |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| City:   | State:                       | Zip:                                   |              |  |                             |          |                                    |  |                    |                  |          | 15   |   |   |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| Phone #:  | Fax #:                       | _                                      |              |  |                             |          |                                    |  |                    |                  |          | -  |   |   |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| Project #:  | Project Owne                 | r:                                     |              |  |                             |          | 4                                  | City                                       | <i>r</i> :         |                  |          |  |   |   |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| Project Name:   |                              | _                                      |              |  |                             |          | 5                                  | Stat                                       | te:                |                  | 4        | Zip:   |   |   |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| Project Location:   | LOJO AE .001                 | _                                      |              | _  |                             |          | 8                                  | Pho  | one i              | #:               |          |  |   |   | L   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| Sampler Name: N   | richael Alus                 |  |              |  |                             |          | 8                                  | Fax  | #:                 |                  |          |  |   |   |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| FOR LAB USE ONLY  |                              |  | T            | -  | MA                          | RIX      | T                                  | -1   | PRE                | SER              | V.       | SAMPL  | ING   | 1                                       |   |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| Lab I.D.<br>1803756<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25<br>25 | Sample I.D.                  | POD OO CON COMP                        | # CONTAINERS | GROUNDWATER  | X X X X X X Soll            | OIL      | SLUDGE                             | OTHER                                      |                    |                  | OTEX     | DATE<br>12/6<br>12/6<br>12/6<br>12/6<br>12/6<br>12/6 | TIME<br>10.25<br>10.30<br>10.10<br>1.10<br>1.23<br>1.38<br>1.48<br>1.48<br>1.48 | OXXXXXXXX                               | CL DAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |      |     |       |    |        |               |   |      |          |   |   |     |   |   |
| analyses. All claims including those<br>service. In no event shall Cardinal I                     | and the                      | deemed<br>g without<br>Dardenal<br>Rec |              | an business of weight of a second sec | made in<br>iness internet i | erruptio | g and r<br>ons, los<br>tarn n<br>H |  | ea by i<br>use, ar | Cardun<br>loss o | al write | hun 30 days after<br>fits incurred by                | er completion of t  | the apple<br>anes<br>suit:<br>it:<br>S: | C   | ] Ye | s 🗆 | C C C | Ac | Id'I F | hone<br>ax #: |   | ne l | v-∂<br>1 | S |   | o.^ |   |   |

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 395-2326

Received by OCD: 10/13/2023/37555322\PM



APPENDIX B

Reference Well Log

•

|                     |                   |                |          |           |                             |                   |                     | Sample Name: BH01  | Date: 1/3/2023                        |
|---------------------|-------------------|----------------|----------|-----------|-----------------------------|-------------------|---------------------|--|---------------------------------------|
|                     |                   |                |          | C         |                             |                   |                     | Site Name: Rojo 26 Oil Dump Val                                      |                                       |
|                     | -                 |                |          | 3         | ΟΙ                          |                   |                     | Incident Number: nAPP22242564  | 12                                    |
|                     |                   |                |          |           |                             |                   |                     | Job Number: 03C2012006   |                                       |
|                     |                   | LITHOL         | OGI      |           | SAMPLING                    | LOG               |                     | Logged By: CS / MR   | Method: Air Rotary                    |
| Coord               | inates: 32        | 2.107784       | , -103   | .562235   |                             |                   |                     | Hole Diameter: 6"  | Total Depth: 60'                      |
|                     |                   | -              |          |           |                             | -                 |                     | was observed within the soil bori<br>tonite chips.                   | ng after at least 72 hours. On        |
| Moisture<br>Content | Chloride<br>(ppm) | Vapor<br>(ppm) | Staining | Sample ID | Sample<br>Depth<br>(ft bgs) | Depth<br>(ft bgs) | USCS/Rock<br>Symbol | Lithologic De  |                                       |
|                     |                   |                |          |           | <br> <br>                   |                   | CCHE                | (0-30'), CALICHE, coarse gra<br>white to tan, dry, no                | ain, well graded,<br>o stain or odor. |
| Dry                 | -                 | -              | Ν        | -         | <br>-<br>-                  | 10                |                     |  |                                       |
| Dry                 | -                 | -              | Ν        | -         | <br>-<br>-                  | 20                |                     | @20' color change to pink/   | /tan                                  |
| Dry                 | -                 | -              | Ν        | -         | <br>-                       | 30                | SP-SM               | (30-78'), SAND, medium to<br>graded with trace<br>orange, dry, no st | caliche nodules, red to               |
| Dry                 | -                 | -              | Ν        | -         | <br>-<br>-                  | 40<br>-           |                     |  |                                       |
| Dry                 | -                 | -              | Ν        | -         | <br>-                       | 50<br>            |                     | @50', slightly cohesive with   | h trace clay                          |
| Dry                 | _                 | _              | Ν        | -         |                             | 60                |                     | NOTE: refusal @ 60' using air rota<br>abundant sand.                 | ary drill rig due to                  |
|                     |                   |                |          |           |                             | -                 |                     |  |                                       |
|                     |                   |                |          |           |                             | Total Dep         | th @ 60             | feet bgs   |                                       |
|                     |                   |                |          |           |                             |                   |                     |  |                                       |
|                     |                   |                |          |           |                             |                   |                     |  |                                       |
|                     |                   |                |          |           |                             |                   |                     |  |                                       |
| Í                   |                   |                |          |           |                             |                   |                     |  |                                       |
| Í                   |                   |                |          |           |                             |                   |                     |  |                                       |
|                     |                   |                |          |           |                             |                   |                     |  |                                       |
|                     |                   |                |          |           |                             |                   |                     |  |                                       |



APPENDIX C

Form C-141

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    | NCH1836251271 |
|----------------|---------------|
| District RP    | 1RP-5295      |
| Facility ID    |               |
| Application ID | pCH1836251636 |

### **Release Notification**

### **Responsible Party**

| Responsible Party   | BTA Oil Producers                  | OGRID 260297                               |  |  |  |
|---------------------|------------------------------------|--|--|--|--|
| Contact Name        | Ben Grimes                         | Contact Telephone (432) 682-3753           |  |  |  |
| Contact email       | bgrimes@btaoil.com                 | Incident # NCH1836251271 ROJO AE 7811 JV-P |  |  |  |
| Contact mailing add | dress 104 S. Pecos St., Midland, T | X 79701 FED 001H @ 30-025-43476            |  |  |  |

### **Location of Release Source**

Latitude 32.107610

Longitude -103.56410 (NAD 83 in decimal degrees to 5 decimal places)

| Site Name Rojo AE 7811 JV-P Fed 001H (closest well) | Site Type Tank Battery            |  |  |  |  |
|---|-----------------------------------|--|--|--|--|
| Date Release Discovered 12/02/2018                  | API# (if applicable) 30-025-43476 |  |  |  |  |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| D           | 27      | 25S      | 33E   | Lea    |

Surface Owner: State Federal Tribal Private (Name:

### Nature and Volume of Release

| Crude Oil        | Volume Released (bbls) 350 BBL   | Volume Recovered (bbls) 200 BBL         |
|------------------|--|---|
| Produced Water   | Volume Released (bbls) 35 BBL  | Volume Recovered (bbls) 20 BBL          |
|                  | 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

A dump valve froze into a closed position on the separator, causing the vessel to pressure up and the high pressure relief valve (pop-off) to open to prevent rupture of the vessel and the incoming lines.

•

Received by OCD: 10/13/2023 3755322/PM

| Form C-141 | State of New Mexico       | Incident ID    |  |
|------------|---------------------------|----------------|--|
| Page 2     | Oil Conservation Division | District RP    |  |
|            |                           | Facility ID    |  |
|            |                           | Application ID |  |
|            |                           |                |  |

| Was this a major<br>release as defined by<br>19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible party consider this a major release?       |
|--|--|
| Yes 🗌 No   | The spill volume was greater than 25 BBL, which the NMOCD Rules define as a major release. |
| If YES, was immediate no   | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?      |
| Email sent to Shelly Tu<br>on 12/2/2018 at 9:02 F                | ucker, BLM, and Christina Hernandez, NMOCD, by Michael Alves, Cajun Energy,<br>M.          |

### **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.

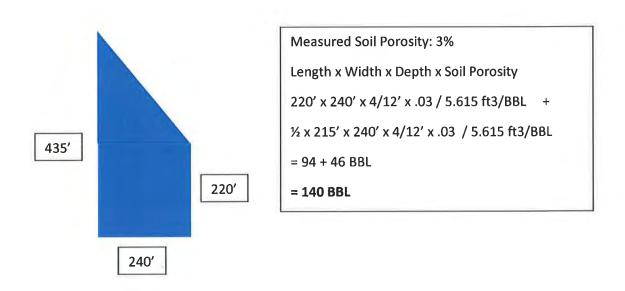
A A

| Printed Name: Ben Grimes | Title: Production Manager |
|--------------------------|---------------------------|
| Signature: Bendrow       | Date: 12/4/ 18            |
| email:bgrimes@btaoil.com | Telephone:(432) 682-3753  |
|                          |                           |
| <u>OCD Only</u>          |                           |
| Received by:             | Date:                     |

### Release Notification for 12/2/2018 Incident

Calculations for Rojo AE 7811 JV-P Federal 001H (nearest well)

• The impacted area outside of the tank battery containment was calculated as follows:



- Plus: 220 BBL was contained and recovered from the tank battery secondary containment area.
- Plus: Estimated 25 BBL fluid remains inside secondary containment spread across the top of the tanks, vessels and piping.

Total volume reported: 385 BBL

At 10% Water Cut, Volumes in this Release Notification estimate are:

Crude Oil: 350 BBL

Produced Water: 35 BBL

Received by OCD: 10/13/2023 3755322 PM Form C-141 State of New Mexico

Oil Conservation Division

|             | Page 70 of 369 |
|-------------|----------------|
| Incident ID | NCH1836251271  |
| District RP | 1RP-5295       |
| Facility ID |                |

Application ID

pCH1836251636

### 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?   | >60 (ft bgs) |
|---|--------------|
| Did this release impact groundwater or surface water?   | Yes X 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 X No     |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | X 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.

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

Page 3

Received by OCD: 10/13/2023 3755322/PM

•

| Form C-141<br>Page 4   | State of New Mexico<br>Oil Conservation Division |         | Incident ID<br>District RP<br>Facility ID<br>Application ID | NCH1836251271<br>1RP-5295<br>pCH1836251636 |  |
|--|--|---------|---|--|--|
| 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:       Kelton Beaird       Title:       Environmental Manater         Signature:       Date: $(b-2-2)$ Telephone:         432-312-2203       Telephone: $(432-312-2203)$ |  |         |   |  |  |
| OCD Only<br>Received by:JO   | ocelyn Harimon                                   | Date:06 | 6/08/2023   |  |  |

Received by OCD: 10/13/2023 3755822/PM

| Form C-141 | State of New Mexico       |                | 1             |
|------------|---------------------------|----------------|---------------|
| Page 5     |                           | Incident ID    | NCH1836251271 |
|            | Oil Conservation Division | District RP    | 1RP-5295      |
|            |                           | Facility ID    |               |
|            |                           | Application ID | pCH1836251636 |
|            |                           |                |               |

### **Remediation Plan**

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

X 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

X 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: Kelton Beaird                   | Title: Environmental Manager      |
|---|-----------------------------------|
| Signature: ////                               | Date: <u>6-6-73</u>               |
| email: kbeaird@btaoil.com                     | Telephone:432-312-2203            |
|   |                                   |
| OCD Only                                      |                                   |
| Received by: Jocelyn Harimon                  | Date: 06/8/2023                   |
| Approved Approved with Attached Conditions of | Approval Denied Deferral Approved |
| Signature: Ashley Maxwell                     | Date: 06/22/2023                  |

Variance request to sample every 700 square feet is <u>denied</u>. OCD approves a sampling variance of collecting samples every 500 square feet, this includes sidewall and base samples.

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

| Operator:              | OGRID:                                    |
|------------------------|---|
| BTA OIL PRODUCERS, LLC | 260297                                    |
| 104 S Pecos            | Action Number:                            |
| Midland, TX 79701      | 225618                                    |
|                        | Action Type:                              |
|                        | [C-141] Release Corrective Action (C-141) |

CONDITIONS

| CONDITIONS |  |                   |
|------------|--|-------------------|
| Created By | Condition  | Condition<br>Date |
| amaxwell   | Work plan approved with conditions for sampling.   | 6/22/2023         |
| amaxwell   | Variance request to sample every 700 square feet is denied.  | 6/22/2023         |
| amaxwell   | OCD approves a sampling variance of collecting samples every 500 square feet, this includes sidewall and base samples. | 6/22/2023         |
| amaxwell   | Submit a closure report via the OCD permitting portal by October 27, 2023.   | 6/22/2023         |

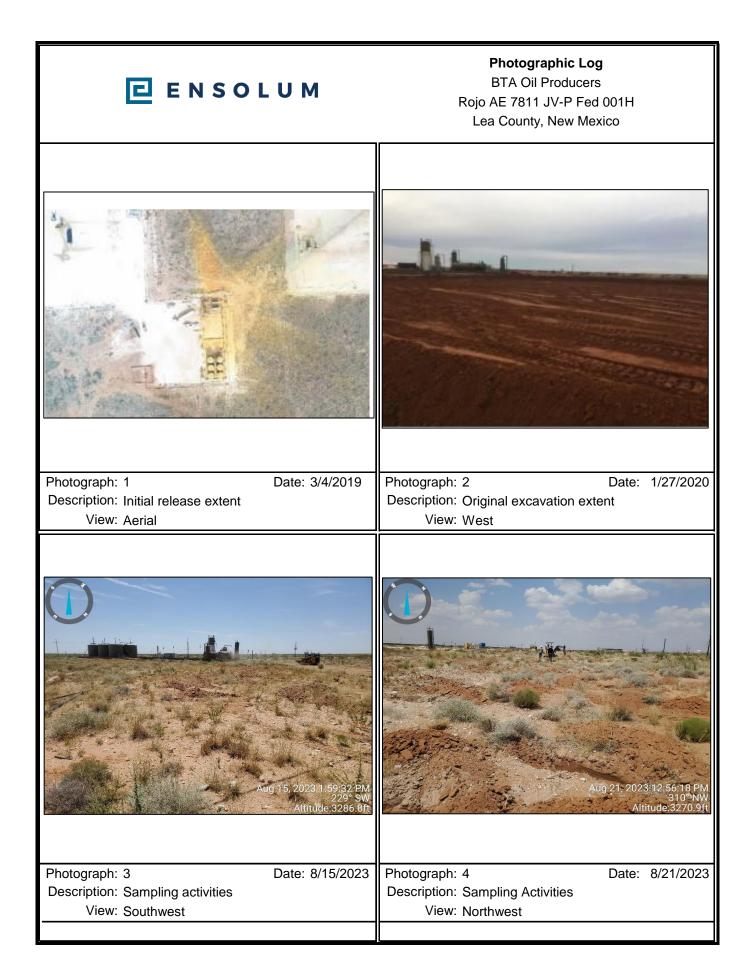
CONDITIONS

Action 225618



# APPENDIX B

Photographic Log





APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



August 23, 2023

HADLIE GREEN ENSOLUM, LLC 705 W WADLEY AVE.

MIDLAND, TX 79705

RE: ROJO AE 7811 JV-P FED 001H

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 01 1' (H234470-01)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.8   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 117 9  | 48.2-13         | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 130 9  | % 49.1-14       | 0          |              |      |            |               |       |           |

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 02 1' (H234470-02)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 114 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 127    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 03 1' (H234470-03)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.9   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 107 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 120 \$ | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 04 1' (H234470-04)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 114 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 131    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 05 1' (H234470-05)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | 1100   | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 125 9  | 48.2-13         | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 156 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 06 1' (H234470-06)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 114 9  | 48.2-13         | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 128 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 07 1' (H234470-07)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 48.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 118 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 132    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 08 1' (H234470-08)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 119 9  | 48.2-13         | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 134 9  | 49.1-14         | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 09 1' (H234470-09)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.72  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.99 | 99.3       | 2.00          | 1.35  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.01 | 100        | 2.00          | 0.508 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 113 9  | 48.2-13         | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 127 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 10 1' (H234470-10)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 127    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 142    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 11 1' (H234470-11)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 97.0   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 113 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 126    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 12 1' (H234470-12)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 113 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 127    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/14/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 13 1' (H234470-13)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 97.7   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 116 9  | 48.2-13         | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 132    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 14 1' (H234470-14)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 119 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 132    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 15 1' (H234470-15)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 97.7   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 48.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 112 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 126    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 16 1' (H234470-16)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.1   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 214  | 107        | 200           | 9.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 242  | 121        | 200           | 10.4 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 114 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 128    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 17 1' (H234470-17)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 97.8   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 18 1' (H234470-18)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.0   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 19 1' (H234470-19)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 20 1' (H234470-20)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.6   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 100 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 21 1' (H234470-21)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 100    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 22 1' (H234470-22)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 23 1' (H234470-23)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 98.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 24 1' (H234470-24)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 25 1' (H234470-25)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 92.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 26 1' (H234470-26)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.8   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 27 1' (H234470-27)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 80.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 85.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 28 1' (H234470-28)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 91.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 29 1' (H234470-29)

| BTEX 8021B                           | mg/    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023      | ND           | 2.00 | 99.9       | 2.00          | 5.99  |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023      | ND           | 1.94 | 96.8       | 2.00          | 9.76  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023      | ND           | 1.94 | 96.9       | 2.00          | 4.02  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023      | ND           | 5.81 | 96.8       | 6.00          | 4.18  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023      | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023      | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023      | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 81.1   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 86.7   | % 49.1-14       | 8               |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 30 1' (H234470-30)

| BTEX 8021B                           | mg/    | /kg             | Analyze         | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023      | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023      | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023      | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023      | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/kg  |                 | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023      | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023      | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023      | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 79.1   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 83.2   | % 49.1-14       | 8               |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 31 1' (H234470-31)

| BTEX 8021B                           | mg,    | /kg             | Analyze         | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023      | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023      | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023      | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023      | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023      | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023      | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023      | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.6   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 91.5   | % 49.1-14       | 8               |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 32 1' (H234470-32)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 84.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 89.7   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 33 1' (H234470-33)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 78.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 82.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 34 1' (H234470-34)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 82.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 88.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 35 1' (H234470-35)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 79.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 84.7   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 36 1' (H234470-36)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 207  | 104        | 200           | 0.648 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 212  | 106        | 200           | 1.03  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 73.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 78.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 37 1' (H234470-37)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 109    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 123    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 38 1' (H234470-38)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 39 1' (H234470-39)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 40 1' (H234470-40)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 656    | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 41 1' (H234470-41)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 42 1' (H234470-42)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 43 1' (H234470-43)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 44 1' (H234470-44)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 98.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 108 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 45 1' (H234470-45)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 74.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 82.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 46 1' (H234470-46)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 47 1' (H234470-47)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 89.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 48 1' (H234470-48)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 107 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 49 1' (H234470-49)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 1.97 | 98.4       | 2.00          | 0.812 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.05 | 102        | 2.00          | 5.74  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 7.28  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.24 | 104        | 6.00          | 5.76  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/15/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 50 1' (H234470-50)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.7   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 51 1' (H234470-51)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 98.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 52 1' (H234470-52)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.0   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 53 1' (H234470-53)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.9   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | 30.6   | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 54 1' (H234470-54)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.4   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 55 1' (H234470-55)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.6   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 56 1' (H234470-56)

| BTEX 8021B                           | mg/    | ′kg             | Analyze         | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023      | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023      | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023      | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023      | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.7   | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023      | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023      | ND           | 193  | 96.4       | 200           | 0.696 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023      | ND           | 215  | 108        | 200           | 1.13  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.2   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 107 9  | % 49.1-14       | 8               |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 57 1' (H234470-57)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.5   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 75.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 82.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 58 1' (H234470-58)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.5   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 96.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 59 1' (H234470-59)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.0   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 83.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 89.8   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 60 1' (H234470-60)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.1   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 85.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 95.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 61 1' (H234470-61)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.5   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 83.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 62 1' (H234470-62)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 80.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 87.9   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 63 1' (H234470-63)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.9   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 96.8   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 64 1' (H234470-64)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.4   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 82.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 89.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 65 1' (H234470-65)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 85.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 92.9   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 66 1' (H234470-66)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.8   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 84.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 67 1' (H234470-67)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.4   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 84.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 93.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 68 1' (H234470-68)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 85.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 93.8   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 69 1' (H234470-69)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.11 | 105        | 2.00          | 3.08  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 3.96  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.97 | 98.7       | 2.00          | 3.49  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.94 | 99.0       | 6.00          | 3.45  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.8   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 70 1' (H234470-70)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.13 | 107        | 2.00          | 2.45  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.52  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 100        | 2.00          | 2.16  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.47  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.7   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 98.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 71 1' (H234470-71)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.13 | 107        | 2.00          | 2.45  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.52  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 100        | 2.00          | 2.16  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.47  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.7   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 64.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.3   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 72 1' (H234470-72)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.13 | 107        | 2.00          | 2.45  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.52  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 100        | 2.00          | 2.16  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.47  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 832    | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 95.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 73 1' (H234470-73)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.13 | 107        | 2.00          | 2.45  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.52  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 100        | 2.00          | 2.16  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.47  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.9   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 320    | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 74 1' (H234470-74)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.13 | 107        | 2.00          | 2.45  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.52  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 100        | 2.00          | 2.16  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.47  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.1   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 80.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 75 1' (H234470-75)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.13 | 107        | 2.00          | 2.45  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.52  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 100        | 2.00          | 2.16  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.47  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.0   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 48.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 76 1' (H234470-76)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.13 | 107        | 2.00          | 2.45  |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 2.06 | 103        | 2.00          | 1.52  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 2.00 | 100        | 2.00          | 2.16  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 6.02 | 100        | 6.00          | 1.47  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.5   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 400    | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 201  | 101        | 200           | 0.833 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 202  | 101        | 200           | 1.87  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 77 1' (H234470-77)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.0   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/18/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/18/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/18/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.0   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 78 1' (H234470-78)

| BTEX 8021B                           | mg/         | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|-------------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result      | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050      | 0.050           | 08/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050      | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050      | 0.050           | 08/20/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150      | 0.150           | 08/20/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300      | 0.300           | 08/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.0        | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/         | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result      | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0        | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/         | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result      | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0       | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0       | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0       | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 84.4        | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | <i>93.7</i> | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 79 1' (H234470-79)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.7   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 80 1' (H234470-80)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.1   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 81 1' (H234470-81)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/20/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/20/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.9   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 82 1' (H234470-82)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.9   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 83 1' (H234470-83)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.4   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 84 1' (H234470-84)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.4   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 85 1' (H234470-85)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.6   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 86 1' (H234470-86)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.5   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 100    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 87 1' (H234470-87)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.2   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 88 1' (H234470-88)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.6   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.0   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.2   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 89 1' (H234470-89)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.13 | 107        | 2.00          | 2.45 |           |
| Toluene*                             | <0.050 | 0.050           | 08/21/2023 | ND           | 2.06 | 103        | 2.00          | 1.52 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/21/2023 | ND           | 2.00 | 100        | 2.00          | 2.16 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/21/2023 | ND           | 6.02 | 100        | 6.00          | 1.47 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.6   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 90 1' (H234470-90)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.                      |
|------|---|
| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
| ND   | Analyte NOT DETECTED at or above the reporting limit  |
| RPD  | Relative Percent Difference   |
| **   | Samples not received at proper temperature of 6°C or below.   |
| ***  | Insufficient time to reach temperature.   |
| -    | Chloride by SM4500Cl-B does not require samples be received at or below 6°C   |
|      | Samples reported on an as received basis (wet) unless otherwise noted on report   |

### **Cardinal Laboratories**

### \*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| 2    |    |
|------|----|
|      | 0  |
| ab   | D  |
| 20   | R  |
| rato | D  |
|      | Z  |
| ries | AL |
| S    | Г  |

### 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

|  | 10.01 000 -0-0  |  | 1                   | l                             | l                         | L                         | Ľ      | L                             | ł                    | L             | Ľ            | L   | L              | L           | L                | I                        | L  | L   | L                              | L            | L      | l       | I   | I      | l        | l        | I  | I                | I     | L    | I                           |  | I  | I   | I   | I    | 1          | I                                    |    |       |
|--|---|--|---------------------|-------------------------------|---------------------------|---------------------------|--------|-------------------------------|----------------------|---------------|--------------|---|----------------|-------------|------------------|--------------------------|--|---|--------------------------------|--------------|--------|---------|---|--------|----------|----------|--|------------------|-------|------|-----------------------------|--|----|-----|-----|------|------------|--------------------------------------|----|-------|
| Company Name: Ensolum, LLC   | Ensolum, LLC  |  |                     |                               |                           |                           |        |                               | -                    |               |              |   | -              |             | F                | BILL TO                  | 0  |   |                                |              |        |         |   |        |          |          | A  | ANALYSIS REQUEST | S     | S    | 71                          | E  | Ĩ  | S   | -   |      |            |                                      |    |       |
| Project Manager: Hadlie Green  | : Hadlie Green  |  |                     |                               |                           |                           |        |                               | -                    | P.O.          | #            | 77  |                | 1           |                  |                          |  |   |                                |              |        |         | -   |        |          |          | -  | _                |       | _    | 1                           | -  |    |     |     | -    |            | -                                    |    |       |
| Address: 601 N N   | Address: 601 N Marienfeld Street, Suite 400   | Suite 400  |                     | 1                             |                           |                           |        |                               | -                    | 8             | 3            | bar   | i.             | B           | Company: BTA Oil | 잂                        |  |   |                                |              |        |         | _   |        |          |          | -  | _                |       |      |                             | -  |    |     |     |      |            | _                                    |    |       |
| City: Midland  |   | State: TX  | Zip: 79701          | 797                           | 3                         |                           |        |                               | -                    | Att           | 3            | Ke  | Ito            | ā           | Bea              | Attn: Kelton Beaird      |  |   |                                |              |        |         | _   |        |          |          |  | -                |       |      |                             | _  |    | -   |     |      |            | _                                    |    |       |
| Phone #: 432-557-8895  | 7-8895  | Fax #:   |                     |                               |                           |                           |        |                               | -                    | Ad            | dre          | SS  | -              | 24          | S                | Address: 104 S Pecos St  | So   | ŝ   | -                              |              | 1      |         | -   |        |          |          | _  | _                |       |      |                             | _  |    | _   |     |      |            | _                                    |    |       |
| Project #: 03C2012042  | 12042   | Project Owner:   | a                   |                               |                           |                           |        |                               | -                    | City: Midland | Y            | Mi  | la             | Б           | 1                |                          |  | 10.2  |                                |              |        |         | -   |        |          | -        | -  | _                |       |      |                             | _  |    | -   |     | -    |            | -                                    |    |       |
| Project Name: R  | Project Name: Rojo AE 7811 JV-P Fed 001H  | Fed 001H   |                     |                               |                           |                           |        |                               | 10                   | State: TX     | te           | H   | ×              |             | 2 P              | Zip: 79701               | 970  | 7   |                                |              | -      |         | _   |        |          | -        | -  | _                |       |      |                             | -  |    | -   |     | -    |            | -                                    |    |       |
| Project Location   | Project Location: 32.1076101,-103.564101  | 564101   |                     |                               |                           |                           |        |                               | -                    | F             | 9            | 0<br>#  | 4              | 32          | 31               | Phone #: 432-312-2203    | 20   | ~   |                                |              |        |         | -   |        |          | -        | _  |                  |       | _    |                             | -  |    | -   |     | -    |            | _                                    |    |       |
| Sampler Name: Peter Van Patten   | Peter Van Patten  |  |                     |                               |                           |                           |        |                               | -                    | Fax #:        | -            |   |                |             |                  |                          |  |   |                                |              |        |         | -   |        |          |          | -  |                  |       | _    |                             | -  |    | -   |     |      |            | -                                    |    | -     |
| FOR LAB USE ONLY   |   |  | Ρ,                  | _                             | -                         | M                         | MATRIX | -×                            |                      |               | PR           | PRESERV   | -9             | <           |                  | s                        | SAMPLING                                       | - 2   | N                              |              |        | 1       |   |        | 5        | -        | -  |                  |       | _    |                             |  |    | -   |     |      |            | _                                    |    | -     |
| Lab I.D.   | Sample I.D.   | Depth<br>(feet)  | (G)RAB OR (C)OMP    | # CONTAINERS                  | GROUNDWATER<br>WASTEWATER | SOIL                      | OIL    | SLUDGE                        | 2012000000           | OTHER :       | ACID/BASE:   |   |                | OTHER :     | _                | DATE                     | H  |   | =                              | TIME         | m      | TOU     | TPH   | BTEK   | Chlocide |          |  | 24               |       |      | 1000000000                  |  |    |     |     |      | Mr. Street |                                      |    | 21.00 |
| 100110   | FS01  | -  |                     | -                             | -                         | -                         |        | -                             | -                    |               |              | (   | -              |             | 2                | 8-14-23                  | 3  |   | 1214                           | 4            | 4      | 1       | 1   | <      | <        | -        | -  | _                |       | -    |                             | _  |    |     |     | -    |            | -                                    |    |       |
| e.   | FS02  | 1  | 0                   |                               | _                         | <                         | -      |                               |                      |               |              | 5   | 1              | _           |                  | -                        |  | 6   | 1224                           | N            | +      | (       | `   | <      | <        | -        | -  | -                |       |      |                             |  |    | -   |     | -    |            | -                                    |    |       |
| cu l   | FS03  | -1   | 2                   |                               | -                         | <                         | 1      | -                             | -                    |               |              | 5   | 1              |             |                  | -                        |  | hi  | 1230                           | is           | Ø      | c       | 1   | <      | <        | -        | -  |                  |       | -    |                             | -  |    | -   |     | -    |            | -                                    |    |       |
| 4  | FS04  | -1   | 0                   |                               | _                         | 2                         | -      | -                             | _                    |               |              | <   | -              |             |                  | -                        |  | 4.5   | 1239                           | w            | 4      | ~       | (   | 2      | <        |          | -  |                  | 12    | -    |                             | -  |    | -   |     | -    | 1          |                                      |    | -     |
| <i>и</i> г.  | FS05  | 1  | 0                   |                               | _                         | C                         | 1      |                               | _                    |               |              | C   | -              |             |                  | -                        |  | 1   | 1250                           | 3            | 0      | -       | 5   | 2      | <        |          | -  |                  |       | -    |                             | -  |    | -   | 1   | -    |            | -                                    |    |       |
| 6  | FS06  | -  | 0                   | -                             | _                         | 2                         | -      | -                             | _                    |               |              | C   | 1              |             | 14.              | -                        |  | 5   | 1305                           | Ø            | M      | 0       | C   | K      | <        |          | -  |                  |       | -    |                             | -  |    | -   |     | -    |            | -                                    |    |       |
| Ļ<br>L   | FS07  | -  | 2                   |                               |                           | 5                         | -      | -                             | _                    |               |              | 5   | 5              |             |                  | -                        |  |   | 1318                           | H            | 00     | -       | 5   | <      | <        | -        |  |                  |       | _    |                             | -  |    | -   |     | -    |            | -                                    |    | -     |
| \$   | FS08  | -  | 0                   |                               | _                         | 2                         | -      |                               | -                    |               |              | 5   | >              |             |                  | -                        |  | 1.  | 1327                           | N            | 43     | c       | 5   | <      | 5        |          | -  |                  |       | -    |                             | -  |    | -   |     | -    |            | -                                    |    | -     |
| 9  | FS09  | 1  | 5                   |                               | _                         | c                         | -      | -                             | -                    |               |              | 2   | 1              |             |                  | -                        |  |   | 2342                           | 48           | 12     |         | (   | <      | <        |          | -  |                  |       | -    |                             | -  |    | -   |     | -    |            | -                                    | 1  |       |
| 10   | FS  | 1  | C                   |                               |                           | 1                         | 1      |                               |                      |               |              | 1   | 1              | -           |                  | K                        |  |   | 1403                           | 0            | W      | 1       | 1   | 5      | <        | F        | $\vdash$   | L                |       |      |                             | $\vdash$   |    |     |     | H    |            | F                                    | 1  | -     |
| PLEASE NOTE: Liabity and<br>analyses. All claims including<br>service. In no event shall Can | 5 Damages, Cardina's liability a<br>g those for negligence and any<br>rdinal be liable for incidental or<br>or out of or related to the nerform | PLEASE NOTE: Lability and Damages. Cardinal's lability and client's exclusive inmedy for any daim assing whether based in contract or for, shall be limited to the simular paid by the client for the applicable<br>annibless. All clients including those for nogligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable<br>annibles. In no event shall Cardinal be lable for incidential or consequential damages, including whole manufaces interruptions, loss of use, or loss of profiss incurred by client. Its subsidiaries,<br>annual and any and any and an anti-management of analyses including without limitation, business interruptions, loss of use, or loss of profiss incurred by client. Its subsidiaries,<br>annual and another and an anti-management of analyses how only for any client in overflows of whether with damin is based upon any of the above tated reasons or otherwise. | deemed<br>a without | arising<br>waived<br>limitate | unless<br>on, bus         | er base<br>made<br>mess i | in wr  | contra<br>riting a<br>uptions | and rec<br>s, loss ( | ecei<br>ecei  | sha<br>wed t | shall be limited to<br>red by Cardinal with<br>use, or loss of pro<br>d upon any of the | ardin<br>ardin | al which he | abo              | amou<br>30 day<br>source | nt part all all all all all all all all all al | pad by the client for the<br>after completion of the a<br>by client, its subsidiaries<br>freesons or otherwise. | ompletion o<br>int, its subsid | clier<br>sub | of the | ine apy | xicable   |        |          |          |  |                  |       |      |                             |  |    |     |     |      |            |                                      |    |       |
| Relinquished By:   | 1 th  | Time Line Science By:  | Rec                 | Received By:                  | Bed                       | 2 %                       | 8      | 2.                            |                      | 5             | $\leq$       |   |                | 2           | -                | )                        |  | D/  | II R                           | bal          |        | S an    | e ema   | ailed. | Ple      | Se pi    | Verbal Result: ロYes INO Add'I Phone #:<br>All Results are emailed. Please provide Email address:<br>ハタレーシャンのピーンシューン・ノーン・ | Ema              | to la | ) dr | ess 77                      |  |    |     |     |      |            |                                      |    |       |
| Relinquished By:   |   | Date:  | Rec                 | Received By                   | ed B                      | Y.                        |        |                               | (                    | 9             | -            | 4   |                |             | C                |                          |  | - 71  | REA                            | A            | RK     | ŝ       | REMARKS:  |        |          | 2.0      |  | 4                | 100   |      |                             |  |    |     |     |      |            |                                      |    |       |
| Delivered By: (Circle One)   | rcle One)   | Observed Temp. *C  | .4                  | +                             | so o                      | Sample Condition          | e C    | in one                        | litio                | ă             |              | 0   | L H            | R           | (Initials)       | CHECKED BY:              |  | -1  | 5                              | aro          | ŭ      | Id T    | Turnaround Time:                                |        | Sta      | Standard |  |                  | Bac   | ter  | Bacteria (on<br>Cool Intact | Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. | Sa | npl | e C | no n | Ten        | ample Condition<br>Observed Temp. °C | റ് |       |
| Sampler - UPS - Bus - Other:   | Bus - Other:  | Corrected Temp. *C   |                     |                               |                           | A Yes A Yes               |        |                               | No                   |               | 0            | N   | 9              | N           |                  | -                        |  | C I   | hen                            | mo           | met    | Fact    | Thermometer ID #113<br>Correction Factor -0.5 C | 11     | Ħ        | 5        | 1.11   |                  |       | No   |                             | Ves Ves  |    |     | cto | ed   | Ter        | Corrected Temp. °C                   | ĉ  |       |

† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com

| Delivered By: (Circle One) Observed Temp. *C 1,4 Sample Condition                                | Relinquished By: Date: Received By: Time: | the win total Imegation 81000 | Relinquished By; Date 7, 23 Received By:   | service. In no event shall Cardinals be labble for incidential or consequential damages, including without limitation, business interrup<br>affiliates or successors arising out of or related to the partnermance of services hereunder by Cardinal, regardless of whether such | PLEASE NOTE: Lability and Damages, Cardinal's lability and client's exclusive remedy for any claim ansing whether based in contract or tort, shall be limited to the amount gaid by the client for the<br>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 | 20 FS20 1 C1 / | FS19 1 | 18 FS18 1 CI V | 17 FS17 1 5 1 V | 16 FS16 1 C I J | 15 FS15 1 611 | 1                  | 13 FS13 1 C I V | 12 FS12 1 CI J | // FS11 1 CII V | Lab I.D.<br>Sample I.D.<br>(feet)<br>(G)RAB OR (C)OMP<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL | -                        | Sampler Name: Peter Van Patten | Project Location: 32.1076101,-103.564101 | Project Name: Rojo AE 7811 JV-P Fed 001H | Project #: 03C2012042 Project Owner: | Phone #: 432-557-8895 Fax #: | City: Midland State: TX Zip: 79701 | Address: 601 N Marienfeld Street, Suite 400 | Project Manager: Hadlie Green | winparty manie. Lisolalli, LLW |
|--|---|-------------------------------|--|--|---|----------------|--------|----------------|-----------------|-----------------|---------------|--------------------|-----------------|----------------|-----------------|---|--------------------------|--------------------------------|--|--|--------------------------------------|------------------------------|------------------------------------|---|-------------------------------|--------------------------------|
| CUECKED BY.  | d By:                                     | DOLLANULY han                 | lass all   | business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries<br>a of whether such claim is based upon any of the above stated reasons or otherwise.  | hether based in contract or tort, shall be limited to the amount paid by the client for the<br>ness made in writing and received by Cardinal within 30 days after completion of the   | 1 1 1 1 2003   | ~      |                | V               | 1               |               | V V X 8-15-23 8939 | 1 1 1 1 1428    |                | <               | WASTEWATER  | MATRIX PRESERV. SAMPLING | Fax #:                         | Phone #: 432-312-2203                    | State: TX Zip: 79701                     | City: Midland                        | Address: 104 S Pecos St      | 1 Attn: Kelton Beaird              | Company: BTA Oil                            | P.O. #:                       | BILL TO                        |
| Turnaround Time: Standard Bacteria (only) Sample Condition<br>Rush Cool Intact Observed Temp. °C |   | hgreen Densdum. con           | Verbal Result:  Ves No Add'I Phone #: All Results are emailed. Please provide Email address: |  | he<br>applicable  |                |        |                |                 |                 |               |                    |                 |                |                 | TPH<br>BTEX<br>Chlorid  | e                        | 5                              |  |  |                                      |                              |                                    |   |                               | ANALYSIS REQUEST               |

Page 170 of 369

| Int  | Address: 601 N<br>City: Midland<br>Phone #: 432-55<br>Project Name: F<br>Project Location<br>Sampler Name: F<br>FOR LAB I.D.<br>H2344110<br>21<br>23<br>23<br>24<br>24<br>23<br>25<br>25<br>25            | d     2-557-8895       c: Rojo AE 7811 JV-P Fe       e: Rojo AE 7811 JV-P Fe       tion: 32.1076101,-103.56       me: Peter Van Patten       me: Peter Van Patten       FS21       FS22       FS23       FS25       FS26       FS27       FS26       FS27       FS26       FS27       FS26       FS27       FS28       FS29       FS30 | Fax #:<br>Project Owner:<br>ed 001H<br>64101<br>Depth<br>(feet)<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | COOCCOCCOGRABOR (C)OMP.<br>   | SLUDGE  | OTHER: 432   | Iland       (Zip: 79701       : 432-312-2203       : FRV       SAMPLING       R:       0       0       0       0       0       0       1       0       1   < | Illand       x     Zip: 79701       : 432-312-2203       : 432   | 1<br>1000<br>1000<br>1000<br>1000<br>1000<br>1000<br>1000<br>1  |
|--|---|--|--|---|---------|--|--|--|---|
| Aarienfeld Street, Suite 4<br>Sample I.D.<br>FS21<br>FS22<br>FS22<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS27<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>FS26<br>F |   | 1 N Marienfeld Street, St  | D.   | Zip: 79701  |         | Company: B<br>Attn: Kelton   | Company: BTA Oil<br>Attn: Kelton Beaird<br>Address: 104 S Pecos St   | Company: BTA Oil<br>Attn: Kelton Beaird<br>Address: 104 S Pecos St   | Beaird<br>S Pecos   |
| Pi         Fig           2         Fed 00:           3.564101         3.564101           3.564101         3.564101           0         0           0         0           0         0   | Address: 601 N  |  | State: TX  | Zip: 79701  |         | Attn: Kelton   | Attn: Kelton Beaird  | Attn: Kelton Beaird<br>Address: 104 S Pecos St   | Beaird<br>S Pecos   |
| De seen  | City: Midland   |  | and the second second  |   |         |  | Address: 104 S Pecos St  | Address: 104 S Pecos St  | S Pecos   |
| D.<br>Observer   | hone #: 432-55  | 2-557-8895   | Fax #:   |   |         | Address: 104   |  |  | City: Midland   |
| De service   | Project #: 03C2   | C2012042   | Project Owner:   |   |         | City: Midland  | City: Midland  | City: Midland  |   |
| D. 3.564101  | Project Name: F   | e: Rojo AE 7811 JV-P Fe  | ed 001H  |   | 100     | State: TX  |  |  |   |
| Observer   | Project Locatio   | tion: 32.1076101,-103.56   | 64101  |   |         | Phone #: 432   | Phone #: 432-312-2203  | Phone #: 432-312-2203  | Phone #: 432-312-2203   |
|  | Sampler Name:   | ne: Peter Van Patten   |  |   | 1.00    | Fax #:   | Fax #:   | Fax #:   |   |
| Sample I.D.<br>FS21<br>FS22<br>FS23<br>FS24<br>FS26<br>FS26<br>FS26<br>FS27<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28  | FOR LAB USE ONLY  | ×  |  | MATRIX  | 11      | PRESERV.   | ESERV.   | ESERV.   | ESERV. SAMPLING   |
| FS21<br>FS22<br>FS22<br>FS23<br>FS24<br>FS26<br>FS26<br>FS26<br>FS27<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28   |   |  | Depth  | NERS<br>WATER   |         |  |  |  | 24  |
| FS21<br>FS22<br>FS23<br>FS25<br>FS26<br>FS26<br>FS26<br>FS27<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28<br>FS28   | 1234470   | 0  | (teet)   | # CONTA<br>GROUND<br>WASTEW<br>SOIL   | SLUDGE  | ACID/BAS   | ACID/BAS   | ACID/BAS<br>ICE / COC<br>OTHER :<br>DATE   |   |
| FS22<br>FS23<br>FS24<br>FS25<br>FS26<br>FS26<br>FS27<br>FS28<br>FS28<br>FS29<br>FS30<br>Damages Cardinal's liability and clients en<br>those for negligence and any other cause<br>out of or related to the performance of elem<br>out of or related to the performance of elem<br>to be performance of elem<br>out of or related to the performance of elem   | er er   |  | 1  | CIV   |         | 5  |  |  | 1089 V V  |
| FS23<br>FS24<br>FS25<br>FS25<br>FS26<br>FS27<br>FS28<br>FS29<br>FS30<br>Damages. Cardinal's liability and cilent's en<br>those for negligence and any other cause<br>out of or related to the performance of teet<br>out of or related to the performance of teet  | ee  |  | 1  | 010   |         | <  |  |  |   |
| FS24<br>FS25<br>FS26<br>FS27<br>FS28<br>FS29<br>FS30<br>Damages. Cardinal's liability and client's e<br>those for neighence and any other cause<br>dial be lisin egitience and any other cause<br>dial be lisin egitience and any other cause<br>dial be lisin figurence and any other cause<br>dial be lisin figurence and any other cause<br>dial be lisin figurence and any other<br>cause of or related to the performance of set<br>out of or related to the performance of set   | en en   |  | 4  | r : 0   |         | 2  | N 10   | V alat   | V JEZEV V   |
| FS25<br>FS26<br>FS27<br>FS28<br>FS29<br>FS30<br>Damages. Carolinal's liability and clericity as<br>those for negligence and any other cause<br>data to liable for incidential or consequence<br>data to liable for incidential or consequence<br>and of or related to the performance of sec<br>out of other perfor  | HE  |  | -  | C = V   |         | 2  | /  | /  | V V 12029 V V   |
| FS26<br>FS27<br>FS28<br>FS29<br>FS30<br>Damages Cardinal's liability and client's en<br>those for negligence and any other cause<br>dural to liable for incidential or consequence<br>out of or related to the performance of sets<br>out of out of the performance of sets<br>out of out of the performance of sets<br>out of the performance of the perform  | 76  | 1  | 1  | CIV   |         | <  |  |  | V V 0501  |
| FS27<br>FS28<br>FS29<br>FS30<br>Damages. Cardinal's liability and client's e.<br>those for neighence and any other cause<br>diala be liable for incidential or consequents<br>out of or related to the performance of tee<br>out of out of the performance of tee<br>out of out of the performance of tee<br>out of the perfor   | 2c  |  | k  | C - V   |         | 2  |  |  | 1037 1  |
| FS28<br>FS29<br>FS30<br>Damages. Carolinal's liability and client's e<br>finale for negligence and any other cause<br>drait be liable for incidential or other<br>and of or related to the performance of se<br>and of our related to the performance of se<br>and other   | 28  |  | 1  | -   |         | <  |  |  | V 1042 V V  |
| FS29<br>FS30<br>Damages. Cardinal's liability and client's e<br>those thr negligence and any other cause<br>draile liable for incidential or consequence<br>out of or related to the performance of set<br>out of our related to the performance of set<br>out of the performance of the performanc   | 36  |  | 1  | 1   |         | <  |  |  | 1 2850 V V  |
| FS30<br>Damages. Cardinal's liability and client's e<br>finable functional any other cause<br>drial be liable for incidential or consequentia<br>out of or related to the performance of tee<br>out of tee out   | <i>be</i>   |  | 4  |   |         | 1  | 1 12   | 1 1254 V   |   |
| cile One) Cardinal's lability and cilent's estimate for negligence and any other cause draube liable for incidential or consequent out of or related to the performance of second control of the performance of the pe   | 8   |  | 1  | C 1 1   |         | 5  | V  | V 1206   | 1 1254 V J  |
| cle One) Observed Temp. C_ 1, 4 Sample C   |   |  | s client's exclusive remody for any<br>her cause whatsoever shall be d<br>insequental damages, including s   | 1   | Γ       |  | or tort, shall be limited to the amount paid by the o<br>4 received by Cardinal within 30 days after comple-<br>loss of use, or loss of profits induited by client, its a  | or tort, shall be limited to the amount paid by the client for the   | V 1286  |
| Cle One) Observed Temps "C_1, 4  | LEASE NOTE: Lability an<br>nalyses. All claims includis<br>ervice. In no event shall C  | any and Damages. Cardmars leading and<br>reluding those for negligence and any oth<br>hall Cardinal be liable for incidental or con-   | oreun  | CIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII  | ion a   | sct or tort, shall be limited t<br>and received by Cardinal w<br>s, loss of use, or loss of pr   |  | ind received by Cardinal within 34 bays after completion or the application of the applic | r or lost, shall be limited to the amount paid by the clerk for the intervent paid by the clerk for the indirectived by Caudiaal within 30 disps after completion of the applicable s, loss of use, or loss of profile indirective by client, its subsidiaries, |
| cle One) Observed Tamp. C_1.4  | PLEASE NOTE: Liability ar<br>analyses. All claims includi<br>envice. In no event shall C<br>affliates or successors arisi<br>Relinquished B   | ety and Damagde. Cardonars i labitly and<br>robulding those for negligence and any oth<br>nall Cardinal be liable for incidential or con<br>arising out of or related to the performan<br><b>BY:</b>   | U  | V clam arising whether based in con<br>seemed waived unless made in writin<br>profile and the seemed waived unless made in writin<br>profile and the seemed by the second se | 0.8 2 2 | ract or tort, shall be limited a<br>g and received by Cardinal w<br>ans, loss of use, or loss of pr<br>laim is based upon any of the                         | ch claim is based upon any of the above stated reasons or Verb   | including without limits in hate in viving and recover or Cardinal within Ju Gays and complete<br>including without limitan, business interruptions loss of use or loss of profits natured by client, its subsidiaries,<br>inder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.<br>2 Received By:<br>Verbal Result:   | spplicable  |
| Time:<br>Observed Temp. "C-1, 4  | PLEASE NOTE: Laulity and<br>analyses. All claims including<br>service. In no event shall Carin<br>affiliates or successors ariting<br>Relinquished By:<br>What have been been been been been been been be | (we and Damages, Cardona's laboling and<br>cituding those for negligence and any oth<br>naticardinal be liable for incidential or con<br>arising out of or related to the performan<br><b>1 By:</b>  | 50   | y clam unsing whether based in con-<br>terenda wavelow unless make in writing<br>writifrout finalities, business interrupte<br>arouthrough the such of<br>the ceived By:  | 8995    | act or tort, shall be limited a<br>and received by Cardinal w<br>ns, loss of use, or loss of po-<br>sim is based upon any of the<br>im based upon any of the | in a based upon any of the above stated reasons or<br>Vert<br>All R  | an tecomes by Cational within Ju says and ecompetition or the approach<br>rates of trues or tracks intermed by dient in subsidiarities,<br>am is based upon any of the above stated reasons or otherwate.<br>Verbal Results are en<br>All Results are en<br>McGYCC   | 2   |
| Observed Temp. "C-1.4  | PLEASE NOTE: Liabily and<br>analyses. Al claims including<br>analyses to hore event shall Car<br>antifulte or successor arising<br>Relinquished By:<br>Relinquished By:                                   | I By:<br>By:<br>By:<br>By:   | 42   | y clam arsing whether based in com<br>yr clam arsing whether based in com<br>temmet whether unless multiple without limitation, business interrupted<br>arcfinal, regardless of whether such of<br>Received By:<br>Received By:   |         | and received by Cardinal was and received by Cardinal was a loss of ruse, or loss of prime is based upon any of the  | in a based upon any of the above stated remores or<br>All R<br>REN   | and recovery by Caranau within Su Gaspital Competition of the approach<br>in its based upon any of the above stated reasons or otherwate.<br>All Results are en-<br>Mice State of the above stated reasons or otherwate.<br>All Results are en-<br>Mice State of the above stated reasons or otherwate.<br>REMARKS:  | 200   |
|  | SASE NOTE: Lucidity a<br>Myses. At dains: Includ<br>Ace. In no event shall C<br>allinquished B<br>ellinquished B  | I By:  | 42   | ry claim arising whether tasked in com<br>termed waived united in writing<br>without limitation, business interruptio<br>ardinal, regardless of whether such of<br><b>Received By:</b>  |         | tor or tot, shall be limited t<br>and received by Cardinal w<br>s, loss of use, or loss of pr<br>m is based upon any of th                                   | m is based upon any of the above stated remores or<br>All R<br>REN   | a based upon any of the above stated reasons or extensions<br>in a based upon any of the above stated reasons or etherwate.<br>All Results are eth<br>McGvcc<br>REMARKS:   | 2 80 <<   |



|                               | 1   |    |
|-------------------------------|-----|----|
| 101 E                         | La  | CD |
| ast N                         | DO  | Л  |
| East Marland, Hobbs, NM 88240 | ora | õ  |
| Hobbs,                        | to  | Z  |
| MN                            | 7   | D  |
| 88240                         | S   | F  |

Project Manager: Hadlie Green

P.O. #:

BILL TO

ANALYSIS

REQUES'

Company Name: Ensolum, LLC

(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By Sampler Name: Peter Van Patten Project Location: 32.1076101,-103.564101 Phone #: 432-557-8895 Relinquished By Project Name: Rojo AE 7811 JV-P Fed 001H City: Midland 4234470 Project #: 03C2012042 Address: 601 N Marienfeld Street, Suite 400 Delivered By: (Circle One) EASE NOTE vice. In no event shall Cardinal be liable FOR LAB USE ONLY Lab I.D. All claims 40 30 34 3 U 4112 Sample I.D. of or related to the peri-FS39 FS40 FS37 FS36 **FS35** FS34 FS33 FS31 FS38 FS32 2 Observed Fax #: Time;410 Project Owner: Date: Ant State: Time: Depth (feet) 7:2 -----X 0 N 000 000 00 Zip: 79701 (G)RAB OR (C)OMP Received By Received By: # CONTAINERS GROUNDWATER Sample Condition Cool\_Intact Yes\_PYes No No No WASTEWATER MATRIX < 5 < 5 2 5 2 SOIL < ¢ OIL SLUDGE OTHER State: TX Address: 104 S Pecos St Attn: Kelton Beaird Company: BTA Oil Fax #: Phone #: 432-312-2203 City: Midland ACID/BASE PRESERV or loss o CHECKED BY: 5 5 < 5 5 C 5 ICE / COOL OTHER Zip: 79701 8-15-23 DATE SAMPLING 1229 2246 2242 2229 Verbai Result: Ves Vo Add'I Phone #: All Results are emailed. Please provide Email address: 1252 2242 1225 1212 Turnaround Time: 1209 REMARKS: 1215 TIME haren Censelun, com of the < 5 PH C BT Ex < Standard Chlorides 2 C < r C < C Bacteria (only) Sample Condition

Received by OCD: 10/13/2023 3:55:22 PM

Sampler - UPS - Bus - Other:

omp.

1-4

(Initials)

Thermometer ID -#113-Correction Factor -0.54C

日本

Cool Intact

Observed Temp. Corrected Temp. °C

å

å

+

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 172 of 369

| Relinquished By: Relinquished By: The server of the case what be deened was served. The server shall Cardinal be lable for indicated a consequential damages, including without immediates or successors arising out of or related to the performance of services threading under by Cardinal, reg Relinquished By: Relinquished By: Time: | vae. All cares including mose for negagen<br>ca. In no event shall Cardinal be liable for in<br>the or successor a training out of or related to<br>Hinquished By: | view. Ail carms: including mose for negatigen<br>(ce. In no event shall Cardinal be liable for in<br>alles or successors arising out of or related to<br>blinguished By: | yess. All claims including mose for negligen<br>ice. In no event shall Cardinal be liable for in<br>also or successors arising out of or related to | the set of a | PLEASE NOTE: Lability and Damages. Cardinal's lability                              | 49 FS49 | Γ    | 47 FS47 |       | 45 FS45 |       | 43 FS43 | 42 FS42 | 4/ FS41 | Lab I.D. Sample I.D.  | Sampler Name: Peter Van Patten | Project Location: 32.1076101,-103.564101 | Project Name: Rojo AE 7811 JV-P Fed 001H | Project #: 03C2012042 | Phone #: 432-557-8895   | City: Midland       | Address: 601 N Marienfeld Street, Suite 400 | Project Manager: Hadlie Green | Company Name: Ensolum, LLC | 101 East<br>(575) 39   |
|--|--|--|---|--|---|---------|------|---------|-------|---------|-------|---------|---------|---------|---|--------------------------------|--|--|-----------------------|-------------------------|---------------------|---|-------------------------------|----------------------------|--|
| Time:  | Date:  | Time: 4  | Late:   | see and any other cause whatsoeve<br>noidental or consequental damages<br>a the performance of services heres  | at's liability and client's exclusive ren   | -       | 1    | 1       | 1     | 1       | 1     | -       | 1       | 1       | le I.D. Depth<br>(feet)   | Patten                         | 01,-103.564101                           | 11 JV-P Fed 001H                         | Project               | Fax #:                  | State: TX           | Street, Suite 400                           | reen                          | , LLC                      | 101 East Marland, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476 |
| Observed Temp. C 14 Sample Condition   | Received By:   | 1410 OKONRI  | Received By:  | se viraboever shall be deemed waived unless made in writing a<br>inflat damages, including without limitation, business interruption<br>services hereunder by Cardinal, regardless of whether such dai   | nedy for any claim arrang whether based in contract or toot, shall be limbed to the | CIV     | CIV  | C - V   | 0 - 1 | V 1 0   | C I V | C 1 1   | C 1 V   |         | (G)RAB OR (C)OMP.<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL |                                |  |  | Project Owner:        |                         | TX Zip: 79701       |   | State State State             |                            | IM 88240<br>393-2476   |
| le Condition CHECKED BY:   | 10 10  | ignilly  |   | 30 days<br>sourred i<br>ve stated  |   | 1       | ~    | <       | <     | ~       | ~     | V       | V 15    | ~ ~     | SLUDGE<br>OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :                      | Fax #:                         | Phone #: 432-312-2203                    | State: TX Zip: 79701                     | City: Midland         | Address: 104 S Pecos St | Attn: Kelton Beaird | Company: BTA Oil                            | P.O. #:                       | BILL TO                    |  |
| Turnaround Time:   | REMARKS:   | A nu results are end   | Verbal Result:  | after completion of the i<br>by client, its subsidiaries<br>reasons or otherwise.  | 1357  | 1352    | 1340 | 1346    | 1335  | 7275    | 1315  | 2314    |         | 1       | SAMPLING<br>TIME  |                                | 203                                      | 1701                                     |                       | os St                   |                     |   |                               | 0                          |  |
| Time:  |  | are emaned   | It: DY  | applicable   | 2   | <<br><  | 1    | <       | 1     | 7       | 2     | 5       | <       | <       | TPH<br>BTEX   |                                |  | 1.4                                      |                       |                         | 1                   | -   |                               |                            |  |
| Standard   |  | J. Please p  | Yes I No  |  | 5   | <       | <    | < '     |       | <       | <     | Ì       |         | <       | Chlorides   | 1                              | 1  |  |                       | -                       |                     |   |                               |                            |  |
| d Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C  |  | iled, riease provide Email address:  | o Add'I Phone #:  |  |   |         |      |         |       |         |       |         |         |         |   |                                |  |  |                       |                         |                     |   | -                             | ANALYSIS REQUEST           |  |

Laboratories

| Company Maine, Ensolutin, EEC                              | LLC   |  | BILL TO  |   | A                | ANALYSIS REQUEST  |
|--|---|--|--|---|------------------|---|
| Project Manager: Hadlie Green                              | reen  |  | P.O. #:  | _   |                  |   |
| Address: 601 N Marienfeld Street,                          | Street, Suite 400   |  | Company: BTA Oil   |   |                  |   |
| City: Midland  | State: TX   | Zip: 79701   | Attn: Kelton Beaird  |   |                  |   |
| Phone #: 432-557-8895                                      | Fax #:  |  | Address: 104 S Pecos St  | st  |                  |   |
| Project #: 03 C 2012.042                                   |   | er:  | City: Midland  |   |                  |   |
| Project Name: Pojo A E                                     | C #84   | HI00   | State: TX Zip: 79701   | 91  |                  |   |
| Project Location: V 32                                     | 32,1076101,-103,56410   | 1011-0-  | 432  | 3   |                  |   |
| Sampler Name: Peter Van Patten                             | ,   |  | Fax #:   |   |                  |   |
| FOR LAB USE ONLY   |   | MATRIX   | ESERV.   | SAMPLING  | 5                |   |
| Lab I.D. Sample I.D.                                       | le I.D. Depth<br>(feet)   | (G)RAB OR (C)OMP<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE   | OTHER :<br>ACID/BASE:<br>CE / COOL<br>DTHER :  | TPH   | BTEX<br>Chloride |   |
| S7 F551  | -   |  | 2 2  | 10  | <                |   |
| SZ FS 52   | -   | C - v  | 2  |   | < <              |   |
| S3 F5 53   | -   | C   /  | 4  | 0986  | < .              |   |
|  | -   | C 1 1  | ~  | 0908 7  | < <              |   |
| 55 F222  | -   | CIV  | V  | 0110 V  | 4 4              |   |
| 36 4556  | -   | C  | 1  | 0913 V  | 1 1              |   |
| L55+ LS  | (   |  | <  | V 6110  | VV               |   |
| 845 <u>4</u> 85  | 1   | < 1 V  | ~  | 0924 1  | VV               |   |
| BS4 4S   | 1   |  |  | r 5760  | VV               |   |
| LO FS60  | In limited water from the second  | CIJ  | V V  | 0928 V  | 5 5              |   |
| those<br>linal b   | <ul> <li>would any other cause whateover initial be dee<br/>initial or consequential damages, including within<br/>the performance of services hereunder by Carc</li> </ul> | cut a securatory remedy or any same arrange whether based in contract or tort, shall be limited to the amount paid by the cleart for the cuture whateover shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable equential damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by Cleardinal was abuildances, a subsidiaries, and the subsidiaries interruptions (loss of use, or loss of profils incurred by Cleardinal, regardless of whether such stain is based apont mixed the above stated reasons as otherwise. | tract or tort, shall be limited to the amount pai<br>g and received by Cardinal within 30 days after<br>ons, loss of use, or loss of profits incurred by o<br>taim is based upon any of the above stated re- | unt paid by the client for the<br>after completion of the applicabl<br>ed by client, its subsidiaries,<br>and prasoos or otherwise<br>sted reasons or otherwise | a                |   |
| How Alt  | Time: 14/0  | Received By:   | anent  | Nerval Result: 1 Ye<br>All Results are emailed<br>NGYNON @ C  | Please provi     | Add'I Phone #:<br>de Email address:<br>CCu-                       |
| nomiquistied by.   | Date:<br>Time:  | Received By:   | 0  | REMARKS:  |                  |   |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other: | Observed Temp. *C<br>Corrected Temp. *C   | -1.4 Sample Condition  | on CHECKED BY:   | Turnaround Time:<br>Thermometer ID #113   | Standard Rush    | Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C |
| PURM-000 K 3.Z TO/07/ZT                                    | ON ON   |  |  | Correction Factor -0  | 0 +1 + 100       | No Corrected Temp °C  |



| 101 East Mari<br>(575) 393-23                              | 101 East Marland, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476                       | 240  |  |  |  |
|--|--|--|--|--|--|
| Company Name: Ensolum, LLC                                 |  |  | RILL TO  | 3  |  |
| Project Manager: Hadlie Green                              |  |  | P.O. #:  |  | ANALISIS REQUEST   |
| Address: 601 N Marienfeld Street, Suite 400                | et, Suite 400  |  | Company: BTA Oil   |  |  |
| City: Midland  | State: TX  | Zip: 79701   | Attn: Kelton Beaird  |  |  |
| Phone #: 432-557-8895                                      | Fax #:   |  | Address: 104 S Pecos St  | S St   |  |
| Project #: 0302012042                                      | 1  |  | City: Midland  |  |  |
| Project Name: Pojo AE                                      | 7811 JV-P F  | Fed coil   | State: TX Zip: 79701   | 701  |  |
| Project Location: 32, 1076(0),                             | -103. 564  |  | 432  | 03   |  |
| Sampler Name: Peter Van Patten                             |  |  | Fax #:   |  |  |
| FOR LAB USE ONLY   |  | MATRIX   | SERV.  | SAMPLING   |  |
| Lab I.D. Sample I.D.                                       | D. Depth (feet)  | (G)RAB OR (C)OMP<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>ÒIL<br>SLUDGE                               | ACID/BASE:<br>CE / COOL<br>OTHER :   | TPH<br>BTEX<br>Chloride  |  |
| 61 561   | 1  | -  | < 1<br>0<br>0  | 0927   |  |
| 62 F362  | 1  | -  | 50   | 10192 Vero   |  |
| -  | 1  |  | <  |  |  |
| 64 F564  | 1  | C - V  | 1  | <  |  |
| _  | -  | C 1 V  | <  | < <  |  |
| 66 FS66  | 1  | 5 1 2  | 1  | ( <  |  |
| In FSG7  | 1  |  | 1  | 1000 / 1 1   |  |
| 68 FS69  |  | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~  |  | 1005 ~ ~ ~ ~   |  |
| 570  | ~  | 0  | ~ ~  | 1015 ~ ~ ~ ~   |  |
| out of or related to the pe                                | cilient's exclusive rem<br>sr cause whatsoever<br>sequental damages,<br>ce of services hereu | hether based in contract on<br>nless made in writing and<br>business interruptions, ic<br>s of whether such claim is | or tort, shall be limited to the amount paid by the client for the<br>freehed by Cardinal within 30 days after completion of the applicable<br>one of use, or loss of profils incurred by client, its subsidiaries,<br>a branch use with the subsidiaries. | id by the client for the<br>er completion of the applicable<br>client, its subsidiaries.     |  |
| (A)  | Time:HIO   | Received By:   | Amery  | Verbal Result:  Yes No Add'I Phone #: All Results are emailed. Please provide Email address: | Add'l Phone #:<br>vvide Email address:   |
|  | Time:  | Neceived By:   | C  | REMARKS:   |  |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other: | Observed Temp. *C<br>Corrected Temp. *C  | -/,4 Sample Condition  | 1 CHECKED BY:<br>(Initials)  | Turnaround Time: Standard<br>Rush<br>Thermometer ID #113 #111                                | · Bacteria (only) Sample Condition<br>□ Cool Intact Observed Temp. °C<br>□ Yes □ Yes |

| Company Name   | Company Name: Ensolum, LLC                  | nsolum, LLC  |  |   | BI  | BILL TO  |  |          |          | ANALYSIS            |                                  | REQUEST   |
|--|---|--|--|---|---|--|--|----------|----------|---------------------|----------------------------------|---|
| Project Manager: Hadlie Green  | r: Hadlie Green                             |  |  |   | P.O. #:   | 1  |  | -        | -        |                     |                                  |   |
| Address: 601 N   | Address: 601 N Marienfeld Street, Suite 400 | , Suite 400  |  |   | Company: BTA Oil  | TA OII   |  |          | 1        | 7                   |                                  |   |
| City: Midland  |   | State: TX  | Zip: 79701   |   | Attn: Kelton Beaird   | Beaird   |  | -        | 00       |                     |                                  |   |
| Phone #: 432-557-8895  | 7-8895                                      | Fax #:   |  |   | Address: 104 S Pecos  | S Pecos St   | +  | _        | -        |                     |                                  |   |
| Project #: 03C   | 2012  | 042 Project Owner:   | ñ  |   | City: Midland   |  |  | -        | Y        |                     | -                                |   |
| Project Name: De   | DAE-  | 7811 JU-P FA   | 100  | Ŧ   | State: TX   | Zip: 79701   |  | -        | -        |                     |                                  |   |
| Project Location:  | Ur32.107                                    | 76101-103.56   | 0  |   | 432   | -312-2203  |  | _        |          |                     |                                  |   |
| Sampler Name:  | Sampler Name: Peter Van Patten              |  |  |   | Fax #:  |  |  |          | 1        |                     |                                  |   |
| FOR LAB USE ONLY   |   |  |  | MATRIX  | PRESERV.  | SAMPLING   | ING  | 1        | 6        |                     |                                  | 1 2 2 3   |
| Lab I.D.   | Sample I.D.                                 | Depth<br>(feet)  | (G)RAB OR (C)OMP<br># CONTAINERS<br>GROUNDWATER  | WASTEWATER<br>SOIL<br>OIL<br>SLUDGE   | OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :  | DATE   | TIME   | TPH      | Chloride | Chorne              |                                  |   |
| 71   | 1254  | 1  | -  | <   | 5   |  | 1.017  | 2        | 7        |                     |                                  |   |
| 72   | F572  | 1 - 1  | 1  | <   | 5   | _  | 1819   |          |          |                     | -                                |   |
| 75   | F573  | 1  | 0 1  | <   | 5   | E  | 1077   |          | 1        |                     |                                  |   |
| 74   | 5574  | 1  | 1 2  | 1   | <   | 1  | 2024   | < -      |          |                     |                                  |   |
| 25   | FS75  | 1  | 0 (  | <   | <   | 2  | 1027   |          | <        | `                   |                                  |   |
| 36   | F576  |  | - 0  | <   | <   | 2  | 1030   | 5        | 2        |                     |                                  |   |
| 78   | FXX   | 1  | 0  | <   | <   | 11   | 10/01  | < <      | 1        |                     |                                  |   |
| 79   | FSA   | 1  | Cr   | <   | <   |  | 1049   | 10       | (        |                     |                                  |   |
| 80   | R   | 1  | c (  | <   | 2   | V I  | 1052 0   | 1        | 1        |                     |                                  |   |
| analyses. All claims including<br>service. In no event shall Can<br>affiliates or successors arising |   | clients exclusive remedy for<br>er cause whatsoever shall be<br>tsequental damages, includia<br>too of services hereunder by | any claim arising whet<br>deemed waived unle<br>g without limitation, bi<br>Cardinal reportions of | arising whether based in contract or tort, shall be i<br>waived unfess made in writing and received by Ca<br>limitation, business interruptions, loss of use, or lor<br>manufaces of whether much offer in the section. | t or tort, shall be limited to the amount paid by the client for the<br>of received by Cardinal within 30 days after completion of the <i>s</i><br>loss of use, or loss of profils incurred by client, its subsidiaries<br>loss of use of profils incurred by client, its subsidiaries<br>of the state of the st | the amount paid by<br>in 30 days after co<br>to incurred by diem | nt paid by the client for the<br>s after completion of the app<br>d by client, its subsidiaries, | plicable | -        |                     |                                  |   |
| Relinquished By:   | 2   | Date:722   | Received By:   | By:   |   |  | Verbal Result:   |          | Yes 6    | No Add'l Phone #:   | one #:                           |   |
| 1-42 L   | take  | Time: 1410   | AS.  | dago  | New   | )  | All Results are email  | hgven(   | Der Plea | Eer Solution Course | address:                         |   |
| Kelinquished By:   |   | Date:<br>Time:   | Received By  | By: ••• U   | 0   | 70   | REMARKS:   |          |          |                     |                                  | 1   |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:   | cle One)<br>us - Other:                     | Observed Temp. °C  | 1.4 %  | Sample Condition  | n CHECKED BY:<br>(Initials)   |  | Turnaround Time:   | ime:     | 11       | Standard W Ba       | Bacteria (only) S<br>Cool Intact | Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C |

Received by OCD: 10/13/2023 3:55:22 PM

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

## Laboratories

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Received by OCD: 10/13/2023 3:55:22 PM

| Company Name: Ensolum, LLC   |  |   | BILL TO   |   | ANALYSIS RE   | REQUEST                          |
|--|--|---|---|---|---|----------------------------------|
| Project Manager: Hadlie Green  |  |   | P.O. #:   |   |   |                                  |
| Address: 601 N Marienfeld Street, Suite 400  | st, Suite 400  |   | Company: BTA Oil  |   |   |                                  |
| City: Midland  | State: TX  | Zip: 79701  | Attn: Kelton Beaird   |   |   |                                  |
| Phone #: 432-557-8895  | Fax #:   |   | Address: 104 S Pecos  | St  |   |                                  |
| Project #:   | Project Owner:   | a   | City: Midland   |   |   |                                  |
| Project Name:  |  |   | State: TX Zip: 79701  | 01  |   |                                  |
| Project Location:  |  |   | Phone #: 432-312-2203   | 3   |   |                                  |
| Sampler Name: Peter Van Patten   | 3  |   | Fax #:  |   |   |                                  |
| FOR LAB USE ONLY   |  | MATRIX  | ESERV.  | SAMPLING  |   |                                  |
|  | Denth  | IRS<br>ATER   | 5   | ×   | xe.5  |                                  |
| Lab I.D. Sample I.D.   | D. (feet)  | G)RAB OR (C<br># CONTAINER<br>GROUNDWAT<br>WASTEWATE<br>SOIL<br>SIL<br>SLUDGE   | DTHER :<br>ACID/BASE:<br>CE / COOL  | TPH<br>BTE;   | Chlorida  |                                  |
| 1853 18  | 1  | I   | V. 8.16-23  | 1054 V J  |   |                                  |
| 28 23 28   | 1  | 0 - 1   |   | 1057 2 2  |   |                                  |
|  | _  | CIV   | V   | 1212 - 1  | /   |                                  |
| HA 57 1-18   | -  | 5 1 3   | 1   | 5   |   |                                  |
| 85 FS85  | 1  | CIV   | 1   | (   | <   |                                  |
| 0'   | 1  | C I V   | V   | 1220 1 1,   | <   |                                  |
| 87 FS 87   | 1  | 010   | V   | 1227 1 1  | <   |                                  |
| 88 FS8   | 1  |   | 1   | 1225 1 1  |   |                                  |
| 1854 68  | 1  | C 1 0   | ~   | 1227 2 1  |   |                                  |
| 8  | 1  | C 1 C   | V   | 2238 - 1  | <   |                                  |
| PLEASE NOTE: Liability and Damages. Cardinat's liability and client's exclusive remody for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the<br>numbres. All claims including those for negligence and any other cause whatspower shall be detended whether unless made in witting and received by Cardinal within 30 days after completion of the applicable<br>service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profiles incurred by dashed. Its subsidiaries,<br>tillialise or successors arising out of or related to the performance of services hereunder by Cardinal vehicles and the vehicle action and or the above stated reasons or otherwise. | ity and client's exclusive remedy for any claim<br>any other cause whatsoever shall be deemed<br>t or consequental damages, including without<br>formance of services hereunder by Cardinal. | ny claim ansing whether based in contrac<br>deemed waived unless made in writing an<br>y without limitation, business interruptions,<br>ardinal, regardless of whether such claim | er based in contract or fort, shall be limited to the amount pa<br>s made in writing and received by Cardinal within 30 days alt<br>siness interruptions, loss of use, or loss of profiss incurred by<br>whether such claim is based upon any of the above stated | nt paid by the client for the<br>a after completion of the applicable<br>d by client, its subsidiaries,<br>led reasons or otherwise |   |                                  |
| Relinquished By:   | Pate: 723  | Received By:  |   | Verbal Result: Ves  | Verbal Result:  Yes  No Add'I Phone #: All Results are emailed. Please provide Email address: |                                  |
| ゆうれた年  | fime 410   | 014001  | Ronieu  | hquene  | eusolur, con  |                                  |
| Relinquished By:   | Date:  | Received By:  | 1000  |   |   |                                  |
| (Circle O  | Observed Temp. °C  | a 2   | tion CHECKED BY:  |   | Standard Bacteria (only Rush  | Bacteria (only) Sample Condition |
| Sampler - UPS - Bus - Other:   | Corrected Temp. *C   | Ves Ves   | N   | Correction Factor 0.5°C   | FI40 UYes UYes  |                                  |

Page 177 of 369



August 23, 2023

HADLIE GREEN ENSOLUM, LLC 705 W WADLEY AVE.

MIDLAND, TX 79705

RE: ROJO AE 7811 JV-P FED 001H

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 91 1' (H234471-01)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH/    |      |            |               |       |          |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifie |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |          |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |          |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |          |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |          |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |          |
| Surrogate: 4-Bromofluorobenzene (PID | 113    | % 71.5-13       | 4          |              |      |            |               |       |          |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |          |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifie |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 3.77  |          |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |          |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifie |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99  |          |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80  |          |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |       |          |
| Surrogate: 1-Chlorooctane            | 93.4   | % 48.2-13       | 4          |              |      |            |               |       |          |
| Surrogate: 1-Chlorooctadecane        | 104    | % 49.1-14       | 0          |              |      |            |               |       |          |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 92 1' (H234471-02)

| BTEX 8021B                           | mg,                       | /kg             | Analyze         | d By: JH/    |      |            |               |       |           |
|--------------------------------------|---------------------------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result                    | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050                    | 0.050           | 08/19/2023      | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050                    | 0.050           | 08/19/2023      | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050                    | 0.050           | 08/19/2023      | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150                    | 0.150           | 08/19/2023      | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300                    | 0.300           | 08/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9                     | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | nloride, SM4500Cl-B mg/kg |                 | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result                    | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0                     | 16.0            | 08/18/2023      | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/                       | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result                    | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0                     | 10.0            | 08/19/2023      | ND           | 193  | 96.5       | 200           | 5.99  |           |
| DRO >C10-C28*                        | <10.0                     | 10.0            | 08/19/2023      | ND           | 216  | 108        | 200           | 6.80  |           |
| EXT DRO >C28-C36                     | <10.0                     | 10.0            | 08/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100                       | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113 9                     | % 49.1-14       | 8               |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 93 1' (H234471-03)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 104    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 94 1' (H234471-04)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 96.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 108    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 95 1' (H234471-05)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/18/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 96 1' (H234471-06)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/19/2023 | ND           | 193  | 96.5       | 200           | 5.99  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/19/2023 | ND           | 216  | 108        | 200           | 6.80  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 96.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 97 1' (H234471-07)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 100    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 98 1' (H234471-08)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 74.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 81.2   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 99 1' (H234471-09)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 85.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 96.2   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 100 1' (H234471-10)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 85.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 95.9   | % 49.1-14       | 8          |              |      |            |               |       |           |

## Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 101 1' (H234471-11)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 72.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 80.3   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 102 1' (H234471-12)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 80.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 90.8   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 103 1' (H234471-13)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 104 1' (H234471-14)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/17/2023                 | Sampling Date:      | 08/16/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/23/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 105 1' (H234471-15)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.871 |           |
| Toluene*                             | <0.050 | 0.050           | 08/19/2023 | ND           | 1.86 | 93.1       | 2.00          | 0.465 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/19/2023 | ND           | 1.92 | 96.1       | 2.00          | 0.514 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/19/2023 | ND           | 5.70 | 95.0       | 6.00          | 0.559 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/21/2023 | ND           | 432  | 108        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/21/2023 | ND           | 176  | 88.0       | 200           | 2.64  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/21/2023 | ND           | 175  | 87.3       | 200           | 2.47  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 98.2   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

| ND  | Analyte NOT DETECTED at or above the reporting limit                        |
|-----|---|
| RPD | Relative Percent Difference   |
| **  | Samples not received at proper temperature of 6°C or below.                 |
| *** | Insufficient time to reach temperature.                                     |
| -   | Chloride by SM4500Cl-B does not require samples be received at or below 6°C |

Samples reported on an as received basis (wet) unless otherwise noted on report

#### Cardinal Laboratories

## \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Install     BILL TO     ANALYSIS       100     Company: BTA OIL     Company: BTA OIL       State: TX     Zip: 79701     Attr. Kelton Beaind       3x.#:     Address: 104 S Pacos St.     Company: BTA OIL       Torject Owner:     City: Midland     Fax.#:     Same: TX       2.V-P     Fac:     City: Midland     Fax.#:       1.1025     G(I) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D |
|---|
|   |

| Delivered By:     (Circle One)     (O)       Sampler - UPS - Bus - Other:     C.                                  | Relinquished By:   | PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusive<br>analyses. All claims including those for negligence and any other cause whateon<br>service. In no event thall Cardinal be liable for incidential or consequential dama<br>filling or successors arising out of ar related to the performance of services the   | 4 Pr | A A | 15 55105     | 14 FSIOH | 13 45103 | 20154 21 | 11 1-101        | Lab I.D. Sample I.D.   | FOR LAB USE ONLY  | Sampler Name: Peter Van Patten | Project Location: 32. (67610) | Project Name: ROJO AE | Project #: 0302012042 | Phone #: 432-557-8895   | City: Midland        | Address: 601 N Marienfeld Street, Suite 400 | Project Manager: Hadlie Green | Company Name: Ensolum, LLC | 101 East Marlanc<br>(575) 393-2326                                     | Labora                                |
|---|--|--|------|-----|--------------|----------|----------|----------|-----------------|--|-------------------|--------------------------------|-------------------------------|-----------------------|-----------------------|-------------------------|----------------------|---|-------------------------------|----------------------------|--|---------------------------------------|
| Observed Temp. °C /,4 Sample Condition<br>Corrected Temp. °C Cool Intact<br>Corrected Temp. °C Intact<br>No No No | Date:     Received By:       Time:     Received By:       Date:     Received By:   | remedy for any claim aris<br>wer shall be deemed wai<br>ges, including without limi<br>reunder by Cardinal, regi   |      |     | 1 (1)        | 1 1 1 1  |          | - (      |                 | (G)RAB OR (C)OMF<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE | MATRIX            |                                | 01,-103:564101                | 784 JV-P Fed COIH     | Project Owner:        | Fax #:                  | State: TX Zip: 79701 | Suite 400                                   |                               |                            | 101 East Marland, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476 | ratories                              |
| s Hunitratis)<br>Thermometer ID 4415  | NAME AND ADDRESS OF TAXABLE PARTY.   | ing whether based in contract or tort, shall be limited to the amount paid by the client for the<br>word unless made in writing and received by Cardinal within 30 days after completion of the applicable<br>tation, business interruptions, loss of use of uses of profils incurred by client, its subplicable<br>tation, business interruptions, loss of uses of uses of profils incurred by client, its subplicable<br>profiless of whether such claim is based uses any or the anthone station assessor as otherwise. |      |     | ~ ~ J 38 ~ . | 1 2225 / | 1 1322 V | 1 btst   | ~ X-1623 1327 ~ | OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :<br>DATE                                 | PRESERV. SAMPLING | Fax #:                         | 432                           | State: TX Zip: 79701  | City: Midland         | Address: 104 S Pecos St | Attn: Kelton Beaird  | Company: BTA Oil                            | P.O. #:                       | BILL TO                    |  | CHAIN-OF-                             |
| Standard Bacteria (only) Sample Condition<br>Rush Cool Intact Observed Temp. °C                                   | Verbal Result: Dyes Dylo  Add"  Phone #:<br>All Results are emailed. Please provide Email address:<br>Agreen @eugduur, con |  |      |     |              |          |          |          |                 | BTEX   | 5                 |                                |                               |                       |                       |                         |                      |   |                               | ANALVSIS DECLIEST          |  | CHAIN-OF-CUSTODY AND ANALYSIS REQUEST |



August 28, 2023

HADLIE GREEN ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: ROJO AE 7811 JV-P FED 001H

Enclosed are the results of analyses for samples received by the laboratory on 08/22/23 11:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 01 0.5' (H234560-01)

| BTEX 8021B                           | mg,    | /kg             | Analyze         | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023      | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023      | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023      | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023      | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023      | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4               |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/kg  |                 | Analyzed By: AC |              |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023      | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023      | ND           | 151  | 75.3       | 200           | 8.37   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023      | ND           | 165  | 82.6       | 200           | 1.94   |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023      | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 99.6   | % 48.2-13       | 4               |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8               |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 02 0.5' (H234560-02)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 8.37   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 165  | 82.6       | 200           | 1.94   |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 99.1   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 115 9  | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 03 0.5' (H234560-03)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 8.37   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 165  | 82.6       | 200           | 1.94   |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 97.5   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 04 0.5' (H234560-04)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 8.37   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 165  | 82.6       | 200           | 1.94   |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 99.1   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 118 %  | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

#### Sample ID: SS 05 0.5' (H234560-05)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/23/2023 | ND           | 151  | 75.3       | 200           | 2.23   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/23/2023 | ND           | 148  | 73.8       | 200           | 0.929  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/23/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 93.3   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 97.4   | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 06 0.5' (H234560-06)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 2.23   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 148  | 73.8       | 200           | 0.929  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 91.4   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 95.0   | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 07 0.5' (H234560-07)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 2.23   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 148  | 73.8       | 200           | 0.929  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 88.9   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 92.7   | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 08 0.5' (H234560-08)

| BTEX 8021B                           | mg/         | ′kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|-------------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result      | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050      | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050      | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050      | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150      | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300      | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9       | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/         | ′kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result      | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0       | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg/         | ′kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result      | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0       | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 2.23   |           |
| DRO >C10-C28*                        | <10.0       | 10.0            | 08/24/2023 | ND           | 148  | 73.8       | 200           | 0.929  |           |
| EXT DRO >C28-C36                     | <10.0       | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 94.1        | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | <i>99.2</i> | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 09 0.5' (H234560-09)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00   |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 2.23   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 148  | 73.8       | 200           | 0.929  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 92.2   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 96.1   | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 10 0.5' (H234560-10)

| BTEX 8021B                           | mg     | ′kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg,    | ′kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77   |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 2.23   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 148  | 73.8       | 200           | 0.929  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 99.2   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 104    | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/22/2023     |
|-------------------|----------------------------|---------------------|----------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil           |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | ** (See Notes) |
| Project Number:   | 03C2012042                 | Sample Received By: | Tamara Oldaker |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                |

## Sample ID: SS 11 0.5' (H234560-11)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |        |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|--------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.94 | 96.8       | 2.00          | 3.47   |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 1.09   |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.20 | 110        | 2.00          | 0.0475 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.54 | 109        | 6.00          | 0.526  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |        |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77   |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |        |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD    | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 151  | 75.3       | 200           | 2.23   |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 148  | 73.8       | 200           | 0.929  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |        |           |
| Surrogate: 1-Chlorooctane            | 93.7   | % 48.2-13       | 4          |              |      |            |               |        |           |
| Surrogate: 1-Chlorooctadecane        | 97.7   | % 49.1-14       | 8          |              |      |            |               |        |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
|------|---|
| ND   | Analyte NOT DETECTED at or above the reporting limit  |
| RPD  | Relative Percent Difference   |
| **   | Samples not received at proper temperature of 6°C or below.   |
| ***  | Insufficient time to reach temperature.   |
| -    | Chloride by SM4500Cl-B does not require samples be received at or below 6°C   |
|      | Samples reported on an as received basis (wet) unless otherwise noted on report   |

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| (575<br>Company Name: Enso<br>Project Manager: Hadli<br>Address: 601 N Marien<br>City: Midland<br>Phone #: 432-557-8895<br>Project #:03C2012042<br>Project Name: Rojo AE<br>Project Location: 32.10<br>Sampler Name: Peter V | 101 East Marland, Hobbs, NM 88240         (575) 393-2326 FAX (575) 393-2476         Company Name: Ensolum, LLC         Project Manager: Hadlie Green         Address: 601 N Marienfeld Street, Suite 400         City: Midland       State: TX Zij         Phone #: 432-557-8895       Fax #:         Project #:03C2012042       Project Owner:         Project Location: 32.1076101,-103.564101         Sampler Name: Peter Van Patten         FR LAB USE ONLY | 11 East Marland, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476<br>Insolum, LLC<br>Iadlie Green<br>Irienfeld Street, Suite 400<br>State: TX Zij<br>State: | 8240<br>2476<br>Zip: 79701   |  | BILL T         P.O. #:         P.O. #:         Company: BTA Oil         Attn: Kelton Beaird         Atdress: 104 S Pec         Ctity: Midland         State: TX       Zip: 79         Phone #: 432-312-22         Fax #:       State: TX                                   | LI IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII                                   | PLING   |          |                       |
|--|---|---|--|--|--|--|---|----------|-----------------------|
| FOR LAB USE ONLY<br>Lab I.D.   | Sample I.D.   | Depth<br>(feet)   | (G)RAB OR (C)OMP.<br># CONTAINERS  | GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL     | ICE / COOL   | R  | SAMPLING  | TPH      | BTEX                  |
| 2-13   | SS01<br>SS02  | 0.5   |  | 55   | < <  | 8.12.23  | 900   | <<       | 22                    |
| ECH  | SS03<br>SS04  | 0.5   | 01   | 2  | 2 2  |  | 920   | 1        | 2                     |
| 25   | SS05  | О.<br>Л.<br>Л.<br>Л.  | 0  | 2  | <  |  | 940   | 1        | 1                     |
| 02   | SS07  | 0.5<br>л  | 0  | 5  | ( (  |  | 1000  | 1        | 5                     |
| 9  | SS09  | 0.5   | 0  | 5 5  | <  |  | 1010  | 50       | < <                   |
| PLEASE NOTE: Liability an<br>analyses. All claims includin<br>service. In no event shall Ca  | PLEASE NOTE: Lability and Damages. Cardina's liability and cl<br>analyses. All claims including those for negligence and any other<br>service. In no event shall Cardinal be liable for incidental or const<br>annual cardinal be liable for incidental or const  | 0.5<br>ent's exclusiv<br>cause whats<br>quental dam   | C  <br>edy for any claim arising<br>shall be deemed waived<br>including without limitate | whether bas<br>unless made<br>in, business i | ed in contract or tort, shall be limited to the amount paid by the client for the<br>s writing and received by Cardinals within 30 days after completion of the s<br>interruptions, loss of use, or loss of profits incurred by client, its subaidancies<br>interruptions. | ted to the amount pain and within 30 days after of profits incurred by c | 10.30 V<br>paid by the client for the<br>after completion of the applicable<br>by client, its subsidiaries, | abblic < | able C                |
| Relinquished By:   | Inquished By:   | Time: 175   |  | ed By:                                       | n is based upon any of   | the above stated re  | Verbal Result: □ Yes  | great    | emailed. Pi<br>reen@e |
| reinquisried by.   |   | Date:<br>Time:  | Received By:   | ed By:                                       |  | (  | REMARKS:  | 0        | Caller                |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Oti  | her:  | Observed Temp. *C   | 14.4   | Sample Condition                             |  | (Initials)   | Turnaround Time:  | 8 -      | ime:                  |

Page 210 of 369

| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:        | Relinquished By:   | analyses, All claims including t<br>service. In no event shall Card<br>affiliates or successors arising o<br>affiliates or successors arising o   | PLEASE NOTE: Liabley and I       | - |  |   | 11      | HE345                     | Lab I.D.   | FOR LAB USE ONLY | Sampler Name: Peter Van Patten | Project Location                         | Project Name: Ru                         | Project #:03C2012042 | Phone #: 432-557-8895   | City: Midland       | Address: 601 N I                            | Project Manager: Hadlie Green | Company Name:    |
|---|--|---|----------------------------------|---|--|---|---------|---------------------------|--|------------------|--------------------------------|--|--|----------------------|-------------------------|---------------------|---|-------------------------------|------------------|
|   | Rate   | analyses. All claims including those for negligence and any other<br>service. In no event shall Contriant be liable for incidental or conse<br>affiliates or successors arising out of or related to the performance<br>Refinence is shall Rev.               | Damaces, Cardinal's liability an |   |  |   | 1100    | 0011                      | Sample I.D.  |                  | Peter Van Patten               | Project Location: 32.1076101,-103.564101 | Project Name: Rojo AE 7811 JV-P Fed 001H | 12042                | 7-8895                  |                     | Address: 601 N Marienfeld Street, Suite 400 | : Hadlie Green                | m                |
| Time:<br>Observed Temp. *C<br>Corrected Temp. *C                  | Time: 1/16 (   | nseque  | d cliente evelucios remodu for a |   |  |   | 0.0     |                           | Depth<br>(feet)  |                  |                                | 564101                                   | Fed 001H                                 | Project Owner:       | Fax #:                  | State: TX           | Suite 400                                   |                               | insolum, LLC     |
| 14.4 Sample Condition   | Received By:   | ation, business<br>rdiess of whet   |                                  |   |  |   | - <     | # CO<br>GRO<br>WAS<br>SOI | RAB OR (C)OM<br>ONTAINERS<br>DUNDWATER<br>STEWATER<br>L<br>DGE | MATRIX           |                                |  | 7.5                                      | a                    |                         | Zip: 79701          |   |                               |                  |
| On CHECKED BY:  | Mileton  | set or concernent of the annuel of the annuel part by<br>de in writing and received by Carcinal which 30 bys after con-<br>sinterruptions, loss of use, or loss of profits incurred by client,<br>her such claim is based upon any of the above stated reason |                                  |   |  |   | × 22.23 | ICE<br>OTH                | D/BASE:<br>/ COOL 🥿  | PRESERV. SA      | Fax #:                         | 432                                      | State: TX Zip: 79701                     | City: Midland        | Address: 104 S Pecos St | Attn: Kelton Beaird | Company: BTA Oil                            | P.O. #:                       | BILL TO          |
| Turnaround Time:  | All Results are ema<br>hgree   | ount past by the client for the<br>ays after completion of the applicable<br>red by client, its subsidiaries,<br>lated reasons or otherwise.  |                                  |   |  | 1 | 1040 V  | TIME T                    | -РН  | SAMPLING         |                                | 03                                       | 701                                      |                      | os St                   |                     |   |                               | 0                |
| Standard P<br>Rush<br>#/20  | Verbal Result:  Verbal Result:  Yes  No  Add'I Phone #: All Results are emailed. Please provide Email address: hgreen@ensolum.com REMARKS: |   |                                  |   |  |   | ~ ~     | EC                        | TEX<br>Chloride  | 5                |                                |  |  |                      |                         |                     |   |                               | ANA              |
| Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C | Phone #:<br>nail address:<br>M   |   |                                  |   |  |   |         |                           |  |                  |                                |  |  |                      |                         |                     |   |                               | ANALYSIS REQUEST |

Released to Imaging: 10/24/2023 10:13:28 AM



August 28, 2023

HADLIE GREEN ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: ROJO AE 7811 JV-P FED 001H

Enclosed are the results of analyses for samples received by the laboratory on 08/22/23 14:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 106 1' (H234571-01)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 93.7   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 72.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 74.0   | % 49.1-14       | 8          |              |      |            |               |       |           |

## **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 107 1' (H234571-02)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 93.8   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 71.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 75.2   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 108 1' (H234571-03)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 76.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 79.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 109 1' (H234571-04)

| BTEX 8021B                           | mg     | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023      | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023      | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023      | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023      | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 92.0   | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023      | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023      | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023      | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 76.7   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 80.0   | % 49.1-14       | 8               |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 110 1' (H234571-05)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 93.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 72.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 74.6   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 111 1' (H234571-06)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.1   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 81.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 112 1' (H234571-07)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 93.1   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 74.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 76.2   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 113 1' (H234571-08)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 78.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 81.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 114 1' (H234571-09)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 95.4   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 75.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 77.7   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 115 1' (H234571-10)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.0   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 70.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 73.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 116 1' (H234571-11)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 93.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 72.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 74.9   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 117 1' (H234571-12)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 93.7   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 69.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 71.7   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 118 1' (H234571-13)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 93.1   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 67.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 70.1   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 119 1' (H234571-14)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.1   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 192    | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 155  | 77.6       | 200           | 1.22  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 73.1       | 200           | 4.25  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 71.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 74.3   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 120 1' (H234571-15)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 104        | 2.00          | 0.484 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.12 | 106        | 2.00          | 0.390 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 104        | 2.00          | 0.224 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.29 | 105        | 6.00          | 0.353 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 94.2   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 121 1' (H234571-16)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 85.5   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.7   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 122 1' (H234571-17)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.1   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 123 1' (H234571-18)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 85.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 96.8   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 124 1' (H234571-19)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.0   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 99.5   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 125 1' (H234571-20)

| BTEX 8021B                           | mg,    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 126 1' (H234571-21)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.2   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 127 1' (H234571-22)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 128 1' (H234571-23)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.6   | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 129 1' (H234571-24)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.2   | % 49.1-14       | 8          |              |      |            |               |      |           |

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 130 1' (H234571-25)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 85.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 95.8   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 131 1' (H234571-26)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 87.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 99.6   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 132 1' (H234571-27)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 48.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 133 1' (H234571-28)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 112    | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 88.0   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 134 1' (H234571-29)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 64.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 104 9  | 49.1-14         | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 135 1' (H234571-30)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 96.3   | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 136 1' (H234571-31)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 87.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.4   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 137 1' (H234571-32)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 138 1' (H234571-33)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102 9  | 48.2-13         | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 115 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 139 1' (H234571-34)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 5.55 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 166  | 83.0       | 200           | 2.86 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 100    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 140 1' (H234571-35)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 7.37 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 101        | 2.00          | 8.61 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.07 | 103        | 2.00          | 8.98 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.24 | 104        | 6.00          | 8.85 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 141 1' (H234571-36)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.01 | 101        | 2.00          | 3.71 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 2.02 | 101        | 2.00          | 5.02 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.07 | 103        | 2.00          | 4.68 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.28 | 105        | 6.00          | 5.59 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.2   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 142 1' (H234571-37)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifie  |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 143 1' (H234571-38)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.8   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 112 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 144 1' (H234571-39)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

## Sample ID: FS 145 1' (H234571-40)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 110 9  | 48.2-13         | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 125    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 146 1' (H234571-41)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.5   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 147 1' (H234571-42)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 148 1' (H234571-43)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 88.5   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 100 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 149 1' (H234571-44)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105 9  | 48.2-13         | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 150 1' (H234571-45)

| BTEX 8021B                           | mg/          | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result       | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050       | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050       | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050       | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150       | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300       | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105          | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,          | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result       | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0         | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,          | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result       | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0        | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0        | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0        | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | <b>93</b> .7 | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 106          | % 49.1-14       | 8          |              |      |            |               |      |           |

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 151 1' (H234571-46)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 152 1' (H234571-47)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 96.9   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 153 1' (H234571-48)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 115 9  | 49.1-14         | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 154 1' (H234571-49)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/24/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/24/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/24/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | 49.1-14         | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 155 1' (H234571-50)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.2   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 156 1' (H234571-51)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 104    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 157 1' (H234571-52)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 112    | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 158 1' (H234571-53)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.2   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.3   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 159 1' (H234571-54)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 91.8   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.7       | 200           | 2.74 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 156  | 78.0       | 200           | 3.72 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 88.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.4   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 160 1' (H234571-55)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 161 1' (H234571-56)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.79 | 89.4       | 2.00          | 8.30 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.99 | 99.6       | 2.00          | 12.1 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.00 | 99.8       | 2.00          | 13.4 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.00 | 100        | 6.00          | 11.9 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 107    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 99.2   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/17/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 162 1' (H234571-57)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

| BS-3 | Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected. |
|------|---|
| ND   | Analyte NOT DETECTED at or above the reporting limit  |
| RPD  | Relative Percent Difference   |
| **   | Samples not received at proper temperature of 6°C or below.   |
| ***  | Insufficient time to reach temperature.   |
| -    | Chloride by SM4500Cl-B does not require samples be received at or below 6°C   |
|      | Samples reported on an as received basis (wet) unless otherwise noted on report   |

### **Cardinal Laboratories**

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Company Name: Ensolum, LLC   | Ensolum, LLC  |   |  | BILL TO  | -   |         |               | ANALYSIS REQUEST  |
|--|---|---|--|--|---|---------|---------------|---|
| Project Manager: Hadlie Green  | : Hadlie Green  |   |  | P.O. #:  |   |         | _             |   |
| Address: 601 N M   | Address: 601 N Marienfeld Street, Suite 400   | Suite 400                               |  | Company: BTA Oil   |   |         |               |   |
| City: Midland  |   | State: TX                               | Zip: 79701   | Attn: Kelton Beaird  |   |         |               |   |
| Phone #: 432-557-8895  | -8895   | Fax #:                                  |  | Address: 104 S Pecos   | s St  |         |               |   |
| Project #:03C2012042   | 2042  | Project Owner:                          |  | City: Midland  |   | ~       |               |   |
| Project Name: Ro   | Project Name: Rojo AE 7811 JV-P Fed 001H  | Fed 001H                                |  | State: TX Zip: 79701   | 701   |         |               |   |
| Project Location:  | Project Location: 32.1076101,-103.564101  | 564101                                  |  | 432  | 03  | -       |               |   |
| Sampler Name: Peter Van Patten   | eter Van Patten   |   |  | Fax #:   |   |         |               |   |
| FOR LAB USE ONLY   |   |   | MATRIX   | PRESERV. SA  | SAMPLING  |         | 25            |   |
| Lab I.D.   | Sample I.D.   | Depth<br>(feet)                         | G)RAB OR (C)OMF<br>CONTAINERS<br>ROUNDWATER<br>VASTEWATER<br>SOIL<br>DIL<br>SLUDGE   | DTHER :<br>CID/BASE:<br>CE / COOL<br>DTHER :   | TPH   | BTEK    | BTER          |   |
| 1  | FS106   | 1                                       |  | < - C  |   | Ì       | 1             |   |
| e  | FS107   | 1                                       | C 1 1  | ~ ~ ~  | 0   | <       | <             |   |
| Ci   | FS108   | 1                                       | C 1 V  | <  | 0772 V  | 5       | <             |   |
| 4  | FS109   | -                                       |  | c  | 1414 V  | 5       | <             |   |
| S  | FS110   | -                                       | CIV  | ~ /  | 0922 L  | <       | C             |   |
| 6  | FS111   | -                                       | C   C  | <  | ~ 220 P   | <       | <             |   |
| -  | FS112   | -                                       | ~ ~ ~  | 4  | V 5260  | 2       | 2             |   |
| b oc   | FS113   |   | 200  | <  | V \$260   | 5       | <             |   |
| 2  | FS114   | •                                       | CIV  | 5  | V 6260  | <       | <             |   |
| LEASE NOTE: Liability and Dam  | HS115<br>amages. Cardinal's liability an  | remedy for                              | any claim arising whether based in contract o  | d in contract or tert, shall be limited to the amount on   |   | (       | 5             |   |
| lyses. All claims including the<br>ice. In no event shall Cardis<br>ates or successors arising o | Inalyses. All claims including those for negligence and any other cause whatso<br>service. In no event shall Cardinal be liable for incidental or consequential dams<br>iffliates or successors arising out of or related to the performance of services h. | 8 45 9                                  | eemed waived unless<br>without limitation, busing<br>and the second sec | made in writing and received by Cardinal within 30 days after completion of the<br>ress interruptions, loss of use, or loss of profils incurred by client, its subsidiaries<br>hether such claim is based upon any of the above stated reasons or observate<br>hether such claim is based upon any of the above stated reasons or observate<br>hether such claim is based upon any of the above stated reasons or observate<br>hether such claim is based upon any of the above stated reasons or observate<br>hether such claim is based upon any of the above stated reasons or observate<br>the such claim is based upon any of the above stated reasons of the such as the such claim is a such as the such as t | after completion of the applic<br>y client, its subsidiaries,<br>reasons or otherwise | able    |               |   |
| A A A  | D.  | Select &                                | Received By:   | 7 1  | Verbal Result:  | The Yes | Please pro    | Ives ErNo Add'I Phone #:<br>Iled, Please provide Email address:   |
| Relinquished By:   | - Tar   | Date:                                   | Received By:   | MANNA  | hgree   | een@    | n@ensolum.com | m.com   |
|  |   | Time:                                   |  | 0  | NEMAKAS.  |         |               |   |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:                                       |   | Observed Temp. *C<br>Corrected Temp. *C | Lac Sample Condition   | on CHECKED BY:<br>(Initials)   | Turnaround Time: Standar<br>Rush  | er er   | Standard      | Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C |

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

| 1    |              |
|------|--------------|
|      | CARE         |
| dE   | D            |
| ŏ    | J            |
| D    | $\mathbf{U}$ |
| to   | Z            |
|      | A            |
| ries | F            |

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

| Company Name: Ensolum. LLC   | Ensolum 11C  |  |  |   |   |  |                  |                    |                   |  |
|--|--|--|--|---|---|--|------------------|--------------------|-------------------|--|
| Project Manager: Hadlie Green  | : Hadlie Green   |  |  |   | BO #  | 10   | 1                |                    |                   | ANALYSIS REQUEST   |
| Address: 601 N N   | Address: 601 N Marienfeld Street, S  | Suite 400  |  | 0   | Company: BTA Oil  | -  |                  | 1                  | -                 |  |
| City: Midland  |  | State: TX  | Zip  | Zip: 79701 A  | Attn: Kelton Beaird   | ď  |                  |                    |                   |  |
| Phone #: 432-557-8895  | -8895  | Fax #:   |  |   | Address: 104 S Pecos St   | cos St   |                  |                    |                   |  |
| Project #:03C2012042   | 2042   | Project Owner:   | ä  | 0   | City: Midland   |  |                  |                    | -                 |  |
| Project Name: Ro   | Project Name: Rojo AE 7811 JV-P Fed 001H   | 9d 001H  |  | S   | State: TX Zip: 79701  | 19701  |                  |                    |                   |  |
| Project Location:  | Project Location: 32.1076101,-103.564101   | 64101  |  | G   | 432   | 2003   |                  |                    | _                 |  |
| Sampler Name: Peter Van Patten   | eter Van Patten  |  |  | 71  | Fax #:  |  |                  |                    | -                 |  |
| FOR LAB USE ONLY   |  |  |  | MATRIX  | ESERV   | SAMPI ING  |                  |                    | 5                 |  |
| Lab I.D.   | Sample I.D.  | Depth  | OR (C)OMP.   | AINERS<br>DWATER<br>VATER   |   |  | PH               | EX                 | lor;de:           |  |
| H234571  |  |  |  | GROUI   | CID/B<br>CE / CI<br>DTHER   | TETIME   | T                | B                  | CL                |  |
| 11   | FS116  | 1  | 0  | <   | V X   | ×  | <                | <                  | 4                 |  |
| 21   | FS117  | 1  | 0  | 2   | ſ   |  | (                | < (                | . <               |  |
| 13   | FS118  | 1  | 0  | <   | 2   | 6564   | (                | 27                 | <<                |  |
|  | FS119  | -  | 7  | -<br>C  | <   | 24.60  | <                | 5                  | <                 |  |
| 15   | FS120  | 1  | 2  |   | <   | 44610  | <                | <                  | <                 |  |
| 14   | FS121  | -  | 0  | 2   | 57  | 1957   | <                | 5                  | (                 |  |
|  | FS122  |  | ^  | 2   | 5   | 6953   | ς                | 1                  | <                 |  |
| 14   | FS124  | - L  | 1  | 5   | 5   | 4540   | 2                | 5                  | 5                 |  |
| 20   | FS125  | 1  |  |   |   | 1070T  | ( (              | 1                  | 2                 |  |
| PLEASE NOTE: Liability and D<br>analyses. All claims including th<br>pervice. In no event shall Cardin<br>theates or successors arising or | amages. Cardinal's liability and cli<br>hose for negligence and any other<br>hal be liable for incidential or conse<br>ut of or related to the performance | ent's exclusive remedy for any claim arising w<br>cause whatsoever shall be deemed waived u<br>quential damages, including without limitation<br>of services horeunder by Cardinal , reparder<br>of services horeunder by Cardinal . | ry claim a<br>leemed w<br>without lin<br>without lin | PLEASE NOTE: Lability and Damages. Cardina's lability and client's exclusive remedy for any claim arising whether based in contract or text shall be limited to the amount paid by the client for the<br>manayees. All claims including those for negligence and any other cause whatherwer shall be deemed waived unless made in writing and received by Cardinal whith 30 days after completion of the applicable<br>service. In no event shall Cardinal be liable for incidential or consequential damages. Incidently whether whather we waite sterruptions, loss of use, or toos of profils insured by claims, its subsidiaries,<br>atfliates or auccessors arising out of trefleted the performance of services herwinde by Cardinal repartices returnations, loss of use, or toos of profils insured by claim, its subsidiaries,<br>atfliates or auccessors arising out of trefleted the performance of services herwinde by Cardinal repartices or sub-terms in the here. | shall be limited to the amount<br>red by Cardinal within 30 day<br>use, or loss of profits incurred | 1 paid by the client for the safter completion of the sub-sident, its sub-sidente for the sub-sidenter sub-si | applicable<br>s, | 4                  | <                 |  |
| The los  | - Fat  | 5132123<br>11me1447  | Rece   | Received By:  | VYYW  | All Results are emailed  | are ema          | □ Yes<br>nailed. P | P-No<br>lease pro | suft:  Ves  Voi Add'I Phone #: are emailed. Please provide Email address: hgreen@ensolum.com |
| Kelinquished By:   |  | Date: <sup>1</sup><br>Time:  | Rect   | Received By:  | Dana  | REMARKS:   |                  |                    |                   |  |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:   |  | served Temp.   | 5000   | Sample Condition<br>Cool Intact<br>Yes Yes  | CHECKED BY:   | Turnaround Time:<br>Thermometer IDH4   | Time:            |                    | Standard<br>Rush  | Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C                            |

|  |   |   |  |  |  |  |                            |   | ANALYSIS RECITS  |
|--|---|---|--|--|--|--|----------------------------|---|--|
| Project Manager: Hadlie Green  | Hadlie Green  |   |  | P.O. #:  |  |  |                            | -   |  |
| Address: 601 N Marienfeld Street, Suite 400  | larienfeld Street, S  | Suite 400   |  | Company: BTA Oil   | Oil  |  |                            |   |  |
| City: Midland  |   | State: TX   | Zip: 79701   | Attn: Kelton Beaird  | aird   |  |                            | _   |  |
| Phone #: 432-557-8895  | -8895   | Fax #:  |  | Address: 104 S Pecos   | Pecos St   |  |                            |   |  |
| Project #:03C2012042   | 2042  | Project Owner:  | 91.  | City: Midland  |  |  |                            |   |  |
| Project Name: Rojo AE 7811 JV-P Fed 001H   | jo AE 7811 JV-P F   | ed 001H   |  | State: TX ZI   | Zip: 79701   |  |                            | -   |  |
| Project Location: 32.1076101,-103.564101   | 32.1076101,-103.5   | 564101  |  | 432  | 12-2203  |  |                            | -   |  |
| Sampler Name: Peter Van Patten   | eter Van Patten   |   |  | Fax #:   |  |  |                            |   |  |
| FOR LAB USE ONLY   |   |   | MATRIX   | PRESERV.   | SAMPLING   | -  | _                          |   |  |
| Lab I.D.   | Sample I.D.   | Depth<br>(feet)   | RAB OR (C)OMP.<br>ONTAINERS<br>OUNDWATER<br>STEWATER<br>L  | HER :<br>D/BASE:<br>/ COOL<br>HER :  |  | PH                                       | 3TEX<br>horides            | hlorides  |  |
| 11 010   | FS108   | -   | GI<br>W.<br>SC<br>OI   |  |  | -  | 7                          | (   |  |
| -  | FS120   | × _   | 5  | ~ ~  | 8707 2241-8  | 5  | <                          | <   |  |
| T  | 10121   | _   | 5  | <  | 1036   | 5  | 5                          | <   |  |
|  | FS128   | -   | C 1 1  | <  | 7036   | (  | 5                          | (   |  |
| at   | FS129   | -   | CI V   | <  | 1043   | (  | (                          | <   |  |
|  | FS130   | -   | 2  | <  | 1 dHV  | 5  | <                          | -   |  |
|  | FS131   |   | 21 1 2   | <  | 2287   | 5  | $\langle \cdot \rangle$    | (   |  |
|  | FS132   | 1   |  | <  | 3055   | (  | <                          | <   |  |
|  | FS133   | -   | CIV  | <  | 1056   | 2  |                            | <   |  |
| 96   | FS134   | -   | C 1 V  | <  | 7059   | 7  | 5                          | 5   |  |
| 30   | S135  | 1   | CI V   | <  | 1 2058   | 5  | 5                          |   |  |
| All claims including thoses. All claims including those<br>foce. In no event shall Cardinal<br>altes of successors arising out a | 1 Usinges, Caronars lability and<br>those for negligence and any oth<br>dinal be hable for incidental or con<br>gout of or related to the performant. | ans apolity and clerits exclusive remody for any claim<br>nee and any other cause whatsoever shall be deemed<br>incidental or concequential damages, including without<br>to the performance of services hereander by Cardinal. | arising whether based in contrac<br>waived unless made in writing ar<br>limitation, business interruptions,<br>limitation, business interruptions,<br>regardless of whether such claim | The based in contract or tort shall be limited to the amount paid by the client for the<br>essmade in writing and received by Cardinal within 30 days after completion of the a<br>business interruptions, less of use, or loss of profils incurred by client, it is subsidiarios<br>of whether such claim is based upon any of the above stable various as interruptions. | imount paid by the client fo<br>0 days after completion of 1<br>ourred by client, its subsidie | for the<br>of the applicable<br>diaries. |                            |   |  |
| Relinquished By:   | RA  | Time HH1  | Received By:   | MUL  | All Result:<br>hg  | s are emails hgree                       | I Yes<br>nailed. P<br>en@e | Yes B-No Add'I Ph<br>led. Please provide Email<br>n@ensolum.com | Verbal Result:  Ves B-No  Add'l Phone #: All Results are emailed. Please provide Email address: hgreen@ensolum.com |
| Relinquished By:   |   | Date:<br>Time:  | Received By:   | 0  | REMARKS:   | ŝ  |                            |   |  |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:   |   | bserved Temp  | Sample Condition   | ON CHECKED BY:   | 3Y: Turnaround Time:   | d Time:                                  | St                         | Standard  | Bacteria (only) Sample Condition   |

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

### Page 62 of 65

### Page 273 of 369

7

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| 2   |   |
|-----|---|
| -   | 0 |
| D   | D |
| 00  | J |
| ora | Ũ |
| at  | 2 |
| Ö   | Ζ |
| TIE | D |
| S   | F |

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### 101 East Marland, Hobbs, NM 88240

| Delivered By: (Circle One)  | relinquistied by: | Pet van         | Relinquished By:   | <ul> <li>- Lessor work: - Lessony and Johnstein Regels, Cardinals alsoling and diminiatives. All claims including those for negligence and any other tervice. In no event shall Cardinal be liable for incidental or conset that the second state of the performance iffliates or successors arising out of or related to the performance iffliates or successors arising out of or related to the performance iffliates.</li> </ul> | H FS   |        |         | -      |        | 35 FS  |        |        | 32 FS | 3/ FS    | Lab I.D. Sa   | Sampler Name: Peter Van Patten | Project Location: 32.1076101,-103.564101 | Project Name: Rojo AE 7811 JV-P Fed 001H | Project #:03C2012042 | Phone #: 432-557-8895   | City: Midland       | Address: 601 N Marienfeld Street, Suite 400 | Project Manager: Hadlie Green | Company Name: Ensolum, LLC |
|---|-------------------|-----------------|--|--|--------|--------|---------|--------|--------|--------|--------|--------|-------|----------|---|--------------------------------|--|--|----------------------|-------------------------|---------------------|---|-------------------------------|----------------------------|
| ne)<br>Other  |                   | - Prit-         | Q  | es. Caronars incosing and c<br>or negligence and any othe<br>liable for incidental or cons<br>or related to the performanc   | FS145  | FS144  | FS143   | FS142  | FS141  | FS140  | FS139  | FS138  | FS137 | FS136    | Sample I.D.   | r Van Patten                   | 1076101,-103.56                          | AE 7811 JV-P Fe                          | 2                    | 95                      |                     | enfeld Street, Si                           | dlie Green                    | solum, LLC                 |
| Observed Temp. *C   | Time:             | Time:447        | Pate: 38 a:  | r cause whatsoever shall be<br>equental damages, including<br>of services horeunder by   | -      | 1      | 1       | 1      | 1      | 1      | 1      | 1      | 1     | 4        | Depth<br>(feet)   |                                | 4101                                     | d 001H                                   | Project Owner:       | Fax #:                  | State: TX           | lite 400                                    |                               |                            |
| (-AL Sample Condition<br>Cool Intact                              | Received By:      | Shodia          | Received By:   | any clam ansing whether based in contract<br>deemed walved unless made in writing an<br>g without limitation, business interruptions,<br>Cardinal, regardless of whether such claim  | CIV    | C 1 0  | C 11 1/ | 1 15   | C - V  | C -    | 5- 0   | C 1 C  | C - V | 1        | (G)RAB OR (C)OMP.<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL |                                |  |  | er.                  |                         | Zip: 79701          |   |                               |                            |
| es CHECKED BY:  | 0 0 1             | onum)           |  | or tort, shall be limited to the amount<br>d received by Cardinal within 30 days a<br>loss of use, or loss of profits incurred b<br>is based upon any of the above stated<br>is based upon any of the above stated   | VVV    | 0      | 5       | ~      | <      | 5      | 5      | <      | 2 1   | <        | SLUDGE<br>OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :<br>DATE              | 1                              | Phone #: 432-312-2203                    | State: TX Zip: 79701                     | City: Midland        | Address: 104 S Pecos St | Attn: Kelton Beaird | Company: BTA Oil                            | P.O. #:                       | BILL TO                    |
| Turnaround Time:<br>Thermometer ID #1                             | REMARKS:          | hgreen          | Verbal Result:<br>All Results are e  | paid by the client for the<br>ifter completion of the applica<br>by client, its subsidiaries,<br>reasons or otherwise.   | 7236 ~ | 1235 V | 1234 V  | 1233 V | 1232 V | 1222 ~ | 1219 V | 1278 V | 1     | 3 7859 ~ |   |                                | 03                                       | 701                                      |                      | os St                   |                     |   |                               |                            |
| e: Standard<br>Rush   |                   | een@ensolum.com | The Yes Ano  | able   | 27     | 5      | < <     | <      | 5      | 2      | 5      | <      | < <   | 2        | BTEX<br>Chlorides   | 5                              |  |  |                      |                         |                     |   |                               |                            |
| -010  |                   | Im.com          | Verbal Result:  Yes  No  Add"  Phone #: All Results are emailed. Please provide Email address: |  |        |        |         |        |        |        |        |        | ~     |          |   |                                |  | -  |                      |                         |                     |   |                               | ANALYSIS RE                |
| Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C |                   |                 |  |  |        | *      |         |        |        | 1      |        |        |       |          |   |                                |  |  |                      |                         |                     |   |                               | REQUEST                    |

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

| Project Manage<br>Address: 601 N<br>City: Midland<br>Phone #: 432-5  | Project Manager: Hadlie Green<br>Address: 601 N Marienfeld Street, Suite 400<br>City: Midland Sta<br>Phone #: 432-557-8895 Fax  | uite 400<br>State: TX<br>Fax #   | Zip: 79701  | P.O. #:<br>Company: BTA Oil<br>Attn: Kelton Beaird  |   | Oil   |   |
|--|---|--|---|---|---|---|---|
| Phone #: 432-557-8895<br>Project #:03C2012042  | 57-8895<br>112042   | Fax #:<br>Project Owner:   |   | Address: 104 S Pecos  | ecos St   | -   | f   |
| Project Name: I  | Project Name: Rojo AE 7811 JV-P Fed 001H  | 001H   |   | State: TX Zin:  | Zin: 79701  |   |   |
| Project Locatio  | Project Location: 32.1076101,-103.564101  | 54101  |   | 432   | -2203   |   |   |
| Sampler Name:  | Sampler Name: Peter Van Patten  |  | -   | Fax #:  |   |   |   |
| FOR LAB USE ONLY   |   |  | P. MATRIX   | PRESERV.  | SAM   | SAMPLING  | PLING   |
| Lab I.D.   | Sample I.D.   | Depth<br>(feet)  | (G)RAB OR (C)OM<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL<br>SLUDGE | OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :  | DATE  | TIME  | TPH   |
| 1h   | FS146   | 1  | -   | V   | 4   | 247   | V THC   |
| 42   | FS147   | -  | C   V   | 5   | 14  | 242   | 12  |
| 43   | FS148   |  | CIV   | K   | 1249  | 4   | 7 1   |
| 44   | FC150   | ×  | 5   | 5   | 642t  | 4   | 7   |
| 46   | FS151   | -  |   |   | 0300  | 2   |   |
| 14   | FS152   | -  | C1 V  |   | 125   | 63  | 59 2 .  |
| 64<br>84   | FS153   |  |   | 5   | 226   | 1300  |   |
|  | FS155   | 1  | c   v   | ~   | 1374  | 1374  | 141   |
| PLEASE NOTE: Liabitity and<br>analyses. All claims includin<br>service. In no event shall Ca<br>affiliates or successors ansin | PLEASE NOTE: Labitity and Damages. Cardina's labitly and oil<br>analyses. All dams including those for negligence and any other<br>service. In no event shall Cardinal be labitle for incidental or conse<br>service. In no event shall Cardinal be labitle for incidental or conse<br>milliaites or successors arging out of or related to the performance | ent's exclusive remedy for any claim arising wheth<br>cause whatboever shall be deemed waived unles<br>rquental damages, including without limitation, but<br>s of services hareunder by Cardinal, regardless of | £ 5 ° C   | based in contract or tort, shall be limited to the annount pad by the client for the<br>nade in writing and received by Candinal writin 30 days after completion of the<br>res interruptions, loss of use, or loss of profits incurred by client, its subediaries<br>writine utuh claim is based upon any of the above stated researce or clientwise. | sunt paid by the client for the<br>ays after completion of the<br>red by client, its subsidiarie<br>ated reasons or otherwise | fient for the ap<br>fon of the ap<br>ubsidiaries, | lient for the<br>ion of the applicable<br>ubsidiaries,<br>otherwise   |
| THE U  | Rth   | Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time<br>Time   | Received By:  | aniour  |   | I Resulsuits an                                   | Verbal Result:  Yes  Ko  Add'l Phone #: All Results are emailed. Please provide Email address: hgreen@ensolum.com |
| Kelinquished By:   |   | Date:<br>Time:   | Received By:  | d   | REMARKS:  | RKS:  | IRKS:   |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Ot   |   | Observed Temp. "C  | Sample Condition  | On CHECKED BY:  |   | ound T  | Turnaround Time:  |

### Page 64 of 65

### Page 275 of 369

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Address: 601 N Marien         City: Midland         Phone #: 432-557-8895         Project I.32:012042         Project Name: Rojo AE         Project Location: 32:10         Sampler Name: Peter V         FOR LAB USE ONLY         FS T         SS       FS T         SS | Address: 601 N. Marianfeld Street, Suite 400     Company: BTA 011       City: Midland     State: TX     Zip: 79701     Attn: Kelon Baaird       Project #:03C2012042     Project Owner:     City: Midland       Project #:03C2012042     Project Owner:     City: Midland       Project I.ocation: 32.1076101,-103.564101     State: TX     Zip: 79701       Sampler Name: Rojo AE 7811 JV-P Fed 001H     Phone #: 432.312.203       Sampler Name: Peter Van Patton     Phone #: 432.312.203       Sampler Name: Feir Van Patton     Depth       (feet)     Depth       S3     FS156       53     FS157       54     FS158       53     FS158       54     FS160       55     FS162       1     C       1     C       2     FS162       2     FS162       2 | alite 400<br>State: TX<br>Fax #:<br>Project Owner:<br>d 001H<br>d 001H<br>Depth<br>(feet)<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1<br>1 | Zip: 79701       Zip: 79701       Zip: 79701       Contrained with the store of the store o | Inteld Street, Suite 400         Company: BTA Oil           5         Fax #:         Attm: Kelton Beaird           6         Fax #:         Address: 104 S Pecos St.           127811 JV-P Fed 001H         Project Owner:         City: Midland           2         T811 JV-P Fed 001H         State: TX         Zip: 79701           Van Patten         Phone #: 432-312-2203         Phone #: 432-312-2203           Van Patten         Fax #:         Phone #: 432-312-2203           156         1         (feet)         Phone #: 432-312-2203           156         1         (gitt): MIdland         Patter:           156         1         (gitt): Project Owner:         Depth           157         1         (gitt): State: TX         Zitt:           158         1         (gitt): State: TX         State: TX           158         1         (gitt): State: TX         State: TX           158         1         (gitt): State: TX         State: TX           159         1         (gitt): State: TX         State: TX           158         1         (gitt): State: TX         State: TX           159         1         (gitt): TX         T312           152         1         (gitt): T | MATRIX     PRESERV     SAMI<br>OIL       WASTEWATER     MATRIX     PRESERV       WASTEWATER     SOIL     OIL       SILUDGE     Fax #:     ICE / COOL       VWASTEWATER     SOIL     OIL       SILUDGE     Fax #:     ICE / COOL       VWASTEWATER     SOIL     OIL       VWASTEWATER     Fax #:     ICE / COOL       VWASTEWATER     PRESERV     SAMI       VWASTEWATER     FAX     ICE / COOL       VWASTEWATER     OTHER :     SAMI       VWASTEWATER     V     SAMI       VWASTEWATER     FAX     ICE / COOL       VWASTEWATER     V     SAMI       VVASTEWATER     V     SAMI       VVASTEWATER     V     SAMI       VVASTEWATER     V     SAMI       VVASTEWATER     V     V | TA Oil<br>Beaird<br>S Pecos St<br>Zip: 79701<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-2203<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-220<br>-312-20<br>-312-200<br>-312-200<br>-312-200<br>-312-20 | St           1           1           1           1           1328           1328           1328           1329 | CCCCCCTPH<br>CCCCCCCCPFEV |          |   |   |  |
|--|---|--|---|---|--|--|---|---------------------------|----------|---|---|--|
| roject Manager   | : Hadlie Green  |  |   |   | P.O. #:  |  |   | -                         | -        | -   |   |  |
| Project Manager: Hadlie Green  | : Hadlie Green  |  |   |   | #  |  |   | -                         | -        |   |   |  |
| oject Manager  | : Hadlie Green  |  |   |   | P.O. #:  |  |   | _                         | -        | -   | _   |  |
|  | manie en en en  |  |   |   | 7.0. 共   |  |   | _                         | -        |   |   |  |
| dress: 601 N   | Marienfeld Street, Si   | lite 400   |   |   | Company: B   | TA Oil   |   | -                         |          |   |   |  |
|  | - 4 - 2 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1   |  |   |   |  |  |   | _                         | _        |   |   |  |
| ty: Midland  |   | State: TX  | Zip: 79   | 701   | Attn: Kelton I   | Beaird   |   | -                         | -        |   |   |  |
| ione #: 432-55   | 7-8895  | Fax #:   |   |   | Address: 104   | S Pecos St   |   | _                         | -        |   |   |  |
| oiect #:03C201   | 12042   | Project Own  | 5   |   | Citor Mainlinged   |  |   | -                         | -        |   |   |  |
|  |   | Joor C   | ····  |   | vity. miulanu  |  |   | _                         | -        |   |   |  |
| oject Name: R  | ojo AE 7811 JV-P Fe   | d 001H   |   |   |  | Zip: 79701   |   | T                         | -        |   |   |  |
| roject Location  | : 32.1076101103.56  | 4101   |   |   | Phone #- 412   | 242 2202   |   |                           | -        |   |   |  |
|  |   |  |   |   |  | A IN WALK  |   | -                         | -        |   |   |  |
| mpler Name: F  | Peter Van Patten  |  |   |   | Fax #:   |  |   | _                         | -        |   |   |  |
| R LAB USE ONLY   |   |  |   | MATRIX  | DDECEDV  | CAMDI IN   | 5   | _                         |          |   |   |  |
| ab I.D.  | Sample I.D.   | Depth<br>(feet)  | The second s  | TEWATER   |  |  |   | 5 21 11                   | 1 LA     | n (or icks  |   |  |
| IL-SHE   | FS156   | -  |   | WAS<br>SOIL<br>OIL  | ACID,<br>ICE /<br>OTHE   | 4  | TIME  | T                         | 0        |   |   |  |
| SI   | 00100   | 1  | 01  | 5   | 5  | 1  | 1 952   | 1                         | <        | -   |   |  |
| 25   | FS157   | 1  | C I   | 5   | 1  | 1.1  | 873   | 0                         | ÷        | -   |   |  |
| S  | FS158   | 1  | 0   | 1   |  | 1  | 310   |                           |          | -   |   |  |
| 54   | FS159   | -  | 2   | 5   |  | 44   | 26  |                           |          |   |   |  |
| 2  | FS160   | -  | -   | 2   |  | 11   | 200   | 1                         | <        |   |   |  |
| 8  | FS161   |  | 0 -   | 5   | 5  | at   | 299   | (                         |          |   |   |  |
| 57   | FS162   | -  | 0-  | (   | 6  | -  | 000   |                           |          |   |   |  |
|  |   |  |   |   |  |  |   | $\mathbf{H}$              | 1        | -   |   |  |
|  |   |  |   |   | T SH   |  |   | -                         |          |   |   |  |
|  |   |  |   | Jac 1-  | - tro  |  |   | -                         | 1        |   |   |  |
| <ol> <li>NOTE: Liability and I</li> <li>All claims including<br/>In no event shall Card<br/>or surpressors arising</li> </ol>  | Damages. Cardinal's liability and cl<br>those for negligence and any other<br>inal be liable for incidental or cons   | ent's exclusive remedy for<br>cause whatsoever shall b<br>quental damages, include   | r any claim arising<br>e deemed waived<br>ng without limitati   | 3 whether based in contract o<br>d unless made in writing and<br>on, business interruptions, lo   | r tort, shall be limited to the received by Cardinal with the sa of use, or loss of profit   | he amount paid by the<br>in 30 days after comp<br>is incurred by client, it  | e client for the ap<br>sletion of the ap<br>s subsidiaries,   | plicable                  |          |   |   |  |
| quished By:  |   | Date:  | Receiv  | ad Rv.  | In All 1A Case success and an and  | COAL Antene  | UT UNITE WEEK,  | L                         | L        |   |   |  |
|  |   | XUUUN  |   | cu Ly.  |  | - VUI  | verbai Kesuit:  | t: 🗆 Yes                  | Sa       | MAD Add'I P   | hone #:                                       |  |
| Stat La  | いたまー  | Tables<br>Tables   | S   | 2   | mint   | All  | All Results are emailed   |                           | Q) - 10  | s Int No Add'I Phone #:<br>Please provide Email address:<br>PISOIUM.COM | Add'l Phone #:<br>ide Email address:<br>N.COM |  |
| Relinquished By:   | いたまし  | Time: U  | Received By   | poleiqu   | hme  |  | All Results ar  | are emailed               | (Q) - 12 | es & no  AddTl Ph<br>1. Please provide Email<br>@ensolum.com            | hone #:<br>il address:<br>n                   |  |

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

> Observed Temp. Time:

Ten

010

Ś

Sample Condition Cool Intact

CHECKED BY: (Initials)

Turnaround Time: hermometer ID-#119 rection Facto

> Standard Rush 5

> > 5

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C || Yee || Yes || Nc || No Corrected Temp. °C

0.3 0

も年

<

C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### Page 276 of 369

**CARDINAL** Laboratories



August 28, 2023

HADLIE GREEN ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: ROJO AE 7811 JV-P FED 001H

Enclosed are the results of analyses for samples received by the laboratory on 08/22/23 14:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 163 1' (H234572-01)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | ed By: JH    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: AC    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 116 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 134    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 164 1' (H234572-02)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 115 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 165 1' (H234572-03)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 106    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 166 1' (H234572-04)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 167 1' (H234572-05)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 108    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 168 1' (H234572-06)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 169 1' (H234572-07)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118 9  | 49.1-14         | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 170 1' (H234572-08)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 171 1' (H234572-09)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 172 1' (H234572-10)

| BTEX 8021B                           | mg,    | /kg             | Analyze         | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023      | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023      | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023      | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023      | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/kg  |                 | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023      | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023      | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023      | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.0   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 49.1-14       | 8               |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 173 1' (H234572-11)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101 9  | 48.2-13         | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 117 9  | 49.1-14         | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 174 1' (H234572-12)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 175 1' (H234572-13)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 113 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 176 1' (H234572-14)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 106    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 120    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 177 1' (H234572-15)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.5   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 178 1' (H234572-16)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 179 1' (H234572-17)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 80.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.5       | 200           | 3.35 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 152  | 75.8       | 200           | 4.25 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 108    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 122    | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 180 1' (H234572-18)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 64.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 117 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 181 1' (H234572-19)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.3       | 2.00          | 5.26 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.23 | 111        | 2.00          | 6.79 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.28 | 114        | 2.00          | 6.69 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.76 | 113        | 6.00          | 6.20 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 116 9  | 48.2-13         | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 120 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 182 1' (H234572-20)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 111 9  | 48.2-13         | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 115 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 183 1' (H234572-21)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 85.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.5   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 184 1' (H234572-22)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.4   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 185 1' (H234572-23)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 88.0   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.4   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 186 1' (H234572-24)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.2   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 91.5   | % 49.1-14       | 8          |              |      |            |               |      |           |

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 187 1' (H234572-25)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 83.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 86.8   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 188 1' (H234572-26)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 97.9   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.6   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 189 1' (H234572-27)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 84.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 86.0   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 190 1' (H234572-28)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 81.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 87.5   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 191 1' (H234572-29)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 82.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.1   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 192 1' (H234572-30)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 83.1   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.5   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 193 1' (H234572-31)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 87.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 90.4   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 194 1' (H234572-32)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 87.2   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 90.8   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 195 1' (H234572-33)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 84.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 89.7   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 196 1' (H234572-34)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 76.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 80.3   | % 49.1-14       | 8          |              |      |            |               |      |           |

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 197 1' (H234572-35)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 85.2   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.5   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 198 1' (H234572-36)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 97.4   | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 87.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 91.8   | % 49.1-14       | 8          |              |      |            |               |      |           |

### **Cardinal Laboratories**

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 199 1' (H234572-37)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50 |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 432  | 108        | 400           | 3.77 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 146  | 72.9       | 200           | 2.52 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 137  | 68.4       | 200           | 14.8 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 81.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 87.5   | % 49.1-14       | 8          |              |      |            |               |      |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 200 1' (H234572-38)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.1   | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 201 1' (H234572-39)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.02 | 101        | 2.00          | 2.50  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 2.01 | 100        | 2.00          | 1.91  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 2.09 | 105        | 2.00          | 2.85  | QR-03     |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 6.34 | 106        | 6.00          | 2.88  | QR-03     |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 202 2' (H234572-40)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/18/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

### Sample ID: FS 203 2' (H234572-41)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

QR-03The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch<br/>accepted based on LCS and/or LCSD recovery and/or RPD values.BS-3Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.NDAnalyte NOT DETECTED at or above the reporting limitRPDRelative Percent Difference\*\*Samples not received at proper temperature of 6°C or below.\*\*\*Insufficient time to reach temperature.-Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

### Cardinal Laboratories

### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

|                                   | 6  |          |
|-----------------------------------|----|----------|
| 101                               | La | CARDINAL |
| East                              | D  | 4        |
| Mar                               | 0  | 2        |
| and                               | aì | U        |
| 101 East Marland, Hobbs, NM 88240 | to | Ī        |
| MN                                | 7. | b        |
| 88240                             | S  | F        |

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name  | Company Name: Ensolum, LLC   |  |  |   |  | BILL TO   |   |                       |        |                  | ANALYSIS REQUEST   |
|---|--|--|--|---|--|---|---|-----------------------|--------|------------------|--|
| Project Manager: Hadlie Green   | r: Hadlie Green  |  |  |   | P.O. #:  | A. New  |   |                       |        |                  |  |
| Address: 601 N  | Address: 601 N Marienfeld Street, Suite 400  | uite 400   |  |   | Company: BTA Oil   | : BTA OII   |   |                       |        |                  |  |
| City: Midland   |  | State: TX  | Zip: 79701   | 01  | Attn: Kelton Beaird  | on Beaird   |   | 1                     |        |                  |  |
| Phone #: 432-557-8895   | 7-8895   | Fax #:   |  |   | Address:   | Address: 104 S Pecos St   | St  |                       |        | _                |  |
| Project #:03C2012042  | 12042  | Project Owner:   | en   |   | City: Midland  | and   |   |                       |        |                  |  |
| roject Name: R  | Project Name: Rojo AE 7811 JV-P Fed 001H   | ed 001H  |  |   | State: TX  | Zip: 79701  | -   |                       |        |                  |  |
| roject Location   | Project Location: 32.1076101,-103.564101   | 64101  |  |   | Phone #: 4   | Phone #: 432-312-2203   |   |                       |        | 4                |  |
| ampler Name:  | Sampler Name: Peter Van Patten   |  |  |   | Fax #:   |   |   |                       | ĉ      | >                |  |
| FOR LAB USE ONLY  |  |  |  | MATRIX  | PRESERV.   |   | SAMPLING  |                       | -      | 25               |  |
| Lab I.D.  | Sample I.D.  | Depth<br>(feet)  | RAB OR (C)OMP.   | DUNDWATER<br>STEWATER   | DGE<br>IER :<br>D/BASE:<br>/ COOL  | IER :   |   | PH                    | 3 TEX  | inloride         |  |
| -   | FS163  | 1  | - 1  | 1   |  | 42.81×  | 0977  | ×                     | ×      | ×                |  |
| N.  | FS164  | 1  | 0  | 5   | <  | -   |   | X                     | ×      | ×                |  |
| w   | FS165  | -1   | 01   | <   | 5  |   | 0922  | ×-                    | x      | 7                |  |
| t   | FS166  | 1  | <<br>1   | 5   | <  |   | \$ 264  | X                     | 5      | X                |  |
| S   | FS167  | 1  | 1 7  | 0   | V  |   | 6932  | r                     | X      | ×                |  |
| 6   | FS168  | -  | 1 1  | 1   | < ·  |   | 68933   | ×                     | X      | x                |  |
| 1   | FS169  | 1  | - 1  | 5   |  |   | 4260  | r.                    | Y      | ×                |  |
| ~   | FS170  | -  | 0  | 5   | 0  |   | \$934   | X                     | X      | X                |  |
| 9   | FS171  | 1  | - 7  | 9   | 1  |   | 6939  | Y                     | r      | X                |  |
| 10  | FS172  | 1  | 1011   | 4   | 2  | V   | Ø945  | Y                     | ×      | K.               |  |
| LEASE NOTE: Labity and<br>talyses. All claims including<br>trylce. In no event shall Car<br>fillates or successors areino | TEASE VOTE: Labily and Damages. Cardnah lability and clients exclusive remedy for any claim arising whether based in contract for tort, shall be limited to the amount pad by the client for the<br>mappers. All claims including those for negligence and any other cuuse whateover shall be detended waved unless made in writing and received by Cardinal within 30 days after completion of the applicable<br>service. In no event shall Cardnah be lable for incidental or consequential damages, including within utilination, business interruptions, loss of use, or loss of portion is incidented as the output the<br>service. In no event shall Cardnah be lable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of portion business interruptions. Joss of use, or loss of portion and any other service there are a service and the service of the above stated reasons or otherwise.   | client's exclusive tennedy for any claim arising whether based in contract or tort, shall be limited to the amount past by the client for the<br>re cause whatsoever shall be deerined waived unless made in writing and received by Cerulinal within 30 days after completion of the a<br>sequential damages, including without limitation, basiness interruptions, loss of uses of profils incurred by client, its subsidiaries<br>to of services hereinford by Cardoval nonardizes of whether such claim is based upon any of the above stated reasons or misevalue<br>to be services hereinford by Cardoval nonardizes of whether such claim is based upon any of the above stated reasons or misevalue<br>to be services hereinford by Cardoval nonardizes of whether such claim is based upon any of the above stated reasons or misevalue<br>to the services hereinford by Cardoval nonardizes of whether such claim is based upon any of the above stated reasons or misevalue<br>to the services hereinford by Cardoval nonardizes of whether such claim is based upon any of the above stated reasons or misevalue<br>to the services hereinford by Cardoval nonardizes of whether such claim is based upon any of the above stated reasons or misevalue<br>to the services hereinford by Cardoval nonardizes of whether such claim is based upon any of the above stated reasons or misevalue<br>to the services hereinford by Cardoval nonardizes of the services of the services the services above stated reasons or the services<br>to the services hereinford by Cardoval nonardizes of the services of the services of the services above stated reasons or miseval<br>to the services hereinford by Cardoval nonardizes of the services of the servi | any claim arising v<br>e deemed waived i<br>ng without limitation<br>Cardinal recardie | arising whether based in con<br>waived unless made in writin<br>limitation, business interruptic<br>recorders of whether such o | sdy for any claim arking whether based or contract or tort, shall be limited to the an<br>ball be deemed waived unless made in witing and roccived by Cardina within 30<br>including without limitation, business interruptions, loss of use, or loss of profils inco-<br>dor by Cardinal rocentatives of whether such claim is based upon any of the above<br>dor by Cardinal rocentatives. | ted to the amount pair<br>nal within 30 days after<br>of profits incurred by c<br>of the above stated m | int paid by the client for the<br>is after completion of the a<br>d by client, its subsidiaries,<br>and macons or otherwise | e<br>applicable       |        |                  |  |
| Relinquished By   | , tat  | Pate:<br>Alaala3   | Received By:   |   | lioni  | T   | Verbal Results  | s are email<br>hgreer | ailed. | Please           | Verbal Result:  Ves B*No  Add"I Phone #:<br>All Results are emailed. Please provide Email address:<br>hgreen@ensolum.com |
| Relinquished By:  |  | Date:<br>Time:   | Received By  | d By:   | 0  | 9   | REMARKS:  |                       | 1      |                  |  |
| 6   | her  | Observed Temp. "C  | 1.22   | Sample Condition<br>Cool Intact   | ~  | Unitials)   | Turnaround Time:<br>Thermometer ID #1   | Time:                 | e:     | Standard<br>Rush | Bacteria (only) Sample Condition   |
| odilipier - uno - p   | and a second sec | 「日本市市」 「日本市」   |  |   |  |   | 1   |                       |        |                  |  |

Received by OCD: 10/13/2023 3:55:22 PM

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Page 44 of 48

### 101 East Marland, Hobbs, NM 88240 AL oratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|   | (575) 393-2326 FAX (575) 393-2476   | AX (575) 393-2   | 476   |  |   |                      |        |          |  |
|---|---|--|---|--|---|----------------------|--------|----------|--|
| Company Name: Ensolum, LLC  | : Ensolum, LLC  |  |   | BILL 1   | 70  |                      |        |          | ANALYSIS REQUEST   |
| Project Manager: Hadlie Green   | r: Hadlie Green   |  |   | P.O. #:  |   |                      |        |          |  |
| Address: 601 N  | Address: 601 N Marienfeld Street, Suite 400   | lite 400   |   | Company: BTA Oil   | -   |                      |        |          |  |
| City: Midland   |   | State: TX  | Zip: 79701  | Attn: Kelton Beaird  | đ   |                      |        |          |  |
| Phone #: 432-557-8895   | 7-8895  | Fax #:   |   | Address: 104 S Pecos St  | cos St  |                      |        |          |  |
| Project #:03C2012042  | 12042   | Project Owner:   | a   | City: Midland  |   |                      | 1      |          |  |
| Project Name: R   | Project Name: Rojo AE 7811 JV-P Fed 001H  | d 001H   |   | State: TX Zip: 79701   | 9701  | 1                    |        |          |  |
| Project Location  | Project Location: 32.1076101,-103.564101  | 4101   | Ser New Ser   | Phone #: 432-312-2203  | 2203  |                      |        |          |  |
| Sampler Name:   | Sampler Name: Peter Van Patten  |  |   | Fax #:   |   |                      |        | 5        |  |
| FOR LAB USE ONLY  |   |  | MATRIX  | ESERV.   | SAMPLING  |                      |        | 2 4      |  |
| Lab I.D.  | Sample I.D.   | Depth<br>(feet)  | RAB OR (C)OMP.<br>ONTAINERS<br>OUNDWATER<br>STEWATER<br>IL<br>JDGE  | HER :<br>ID/BASE:<br>I/COOL<br>HER :   |   | TPH.                 | 3TEX   | chloride |  |
| 11  | FS173   | -  | X   | X X  | 18-23 OG445   | $\times$             | ×      | X        |  |
| 21  | FS174   | 4  |   | ×  |   | x                    | 7      | ×        |  |
| 13  | FS175   | 1  | N N   | ×  | 1624  | ×                    | x      | ×        |  |
| 14  | FS176   | 1  | C I ×   | ×  | 2623  | ×                    | +      | ×        |  |
| 15  | FS177   | 1  | X I I   | X  |   | ×                    | X      | ×        |  |
| 16  | FS178   | -  | CI X  | ×  | 2425  | x                    | X      | ×        |  |
| 17  | FS179   | 1  | × 1 2   | 1  | 2033  | X                    | ×      | ×        |  |
| 81  | FS180   |  | C 1 X   | Χ,   | 200 33  | ×                    | X      | ×        |  |
| 61  | FS181   | 1  | (   ×   | ~  | 204   | r                    | r      | ×        |  |
| 20  | FS182   | 1  | × 1)  | *  | 2044  | K                    | ×      | ×        |  |
| PLEASE NOTE: Liability and<br>analyses. All claims including<br>service. In no event shall Ca<br>affiliates or successors arising | ability and Damages. Cardinal's liability and cl<br>including those for negligence and any other<br>shall Cardinal be liable for incidental or cons<br>ors arising out of or related to the performance | ent's exclusive remedy for a<br>cause whatsoever shall be<br>equental damages, including<br>of services hereunder by C | PLEASE NOTE: Liability and Damages. Cardinat's inability and client's encluaive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the<br>numbres. All claims including those for negligence and any other cause whatioever insite the determed whether writing and received by Cardinal within 30 days after completion of the applicable<br>service. In no event shall Cardinal be liable for incidential or consequential demages, including whether whorter such class interruptions, loss of use, or loss of profile incurred by Cardinal within 30 days after completion of the applicable<br>service. In no event shall Cardinal be liable for incidential or consequential demages, including without limitation, business interruptions, loss of use, or loss of profile incurred by classifications. | od in contract or fort, shall be limited to the amount pay<br>in writing and received by Cavrinal within 30 days afte<br>interruptions, loss of use, or loss of profits incurred by or<br>resuch claim is based upon any of the above statled re | int paid by the client for the<br>ys after completion of the<br>a dby client, its subsidiaries<br>ted reasons or otherwise. | splicable            |        |          |  |
| Relinquished By   | in Par  | Thhat we have  |   | kionus   |   | are emaile<br>hgreen | ailed. | Please   | Verbal Result:   Yes  Yes All Results are emailed. Please provide Email address:  hgreen@ensolum.com |
| Relinquished By:  |   | Date:<br>Time:   | Received By:  | 0  | REMARKS:  |                      |        |          |  |
|   |   |  |   |  |   |                      |        |          |  |

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

> Observed ç

> > lemp

ىغ 11

Sample Condition Cool Intact Yes Yes No No No

CHECKED BY: (Initials)

Turnaround Time:

Standard Rush

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Vet Yes No Corrected Temp. °C

Correction Factor mometer ID-

0.0 0

ませる

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

| -                                |      |  |
|----------------------------------|------|--|
| 01 E                             | D    |  |
| ast                              |      |  |
| Marl                             |      |  |
| and,                             |      |  |
| 101 East Marland, Hobbs, NM 8824 | tt - |  |
| bs,                              | 02   |  |
| MN                               |      |  |
| 882                              |      |  |
| 40                               | S    |  |

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| FOR LAB USE OW.Y     Sample I.D.     Depth<br>(feet)       Lab I.D.     Sample I.D.     (feet)       HZ34572     FS183     1       21     FS183     1       23     FS184     1       23     FS185     1       24     FS186     1       25     FS187     1       26     FS188     1       27     FS188     1       28     FS191     1       29     FS192     1       20     FS192     1       21     FS192     1       28     FS192     1       29     FS192     1       20     FS192     1       21     FS192     1       22     FS192     1       23     FS192     1       24     FS192     1       25     FS192     1       26     FS192     1       27     FS192     1       28     FS192     1       29     FS192     1       20     FS192     1       21     The performance of services hereunder the performance of services hereunder thereunder the service mark with the analysis of or related to the performance of services hereunder thereunder thereunder thereu | Date:   |  | Relinquished By: |
|---|---------|--|------------------|
| MLY     Sample I.D.       D.     Sample I.D.       72     FS183       21     FS183       23     FS184       23     FS185       24     FS186       25     FS186       26     FS186       27     FS186       28     FS187       29     FS189       20     FS191       20     FS192       20     FS192       20     FS192       20     FS192   | Data:-  | 1 Patter   | Relinquished By  |
| Sample I.D.           FS183           FS184           FS185           FS186           FS187           FS188           FS188           FS188           FS188           FS188           FS189           FS190           FS191           FS192   | en le v | Damages. Cardinal's liability and c<br>a those for negligence and any other<br>dinal be liable for incidental or cons<br>a out of or related to the performant |                  |
| Sample I.D.           Sample I.D.           FS183           FS184           FS185           FS186           FS187           FS188           FS188           FS188           FS188           FS188           FS188           FS189           FS190   | - 1     | FS192  | 80               |
| Sample I.D.           FS183           FS184           FS185           FS186           FS187           FS188           FS188           FS188           FS188           FS188           FS188           FS188           FS189           FS190   | -       | FS191  | 98               |
| Sample I.D.           FS183           FS184           FS185           FS186           FS187           FS188           FS188           FS188           FS188   | -       | FS190  | 36               |
| Sample I.D.           FS183           FS184           FS185           FS186           FS187           FS188   | -       | FS189  | ce<br>(e         |
| Sample I.D.<br>FS183<br>FS184<br>FS185<br>FS186<br>FS186<br>FS187   | -       | FS188  | ac               |
| Sample I.D.           FS183           FS184           FS185           FS186   | -       | FS187  | as               |
| Sample I.D.           FS183           FS184           FS185   | -       | FS186  | 48               |
| Sample I.D.<br>FS183<br>FS184   | -       | FS185  | ee               |
| Sample I.D.<br>FS183  | 1       | FS184  | ee               |
| Sample I.D.   | -       | FS183  | 2                |
|   | (feet)  | sample I.U.  | Lab I.D.         |
| FOR LAB USE ONLY  | D       |  |                  |
|   |         |  | FOR LAB USE ONLY |

made in ash Io 105 30 days by client, its sub 7217

6

50

H H NH H

1 -1 1

\$

. r

**602** 2234

r

1

1

2207 2058

1

1

1 1

2226

, 1 1 1

. ( 1

1 . 1 20

20

--

1r

2058 7050

> 1 ٢ -

1

1

,

-1

1

MA

CON (G)RAB OR (C)OMP.

SOIL

OIL SLUDGE OTHER

1

8.183 2044

2049

1

,

e r

> 1 1

ACID/BASE

ICE / COOL

OTHER

DATE

TIME

ТРН 13TEX Chloride

# CONTAINERS

GROUNDWATER WASTEWATER

MATRIX

PRESERV

SAMPLING

Fax #:

Phone #: 432-312-2203

| nguished By:              | Election           | Lide and a Received By:<br>Ide and a Received By:<br>All Results are e                       |                           | Verbal Result:                | 1 Phone #:<br>nail address:                                       |
|---------------------------|--------------------|--|---------------------------|-------------------------------|---|
| to var tate               | Timelyy            | 240xpron   | 2027                      | hgreen@ensolum.cor            | m   |
| nquished By:              | Date:              | Received By: 0   | 0                         | REMARKS:                      |   |
|                           | Time:              |  |                           |                               |   |
| ivered By: (Circle One)   | Observed Temp. °C  | Observed Temp.*C / 2 Sample Condition CHECKED BY: Turnaround Time:<br>Cool Intact (Initials) | CHECKED BY:<br>(Initials) | Turnaround Time: Standard M   | Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C |
| pler - UPS - Bus - Other: | Corrected Tamp. "C | Pres Pres  | 8P                        | BJ                            | es  |
|                           |                    | ON I ON  | DI                        | Correction Factor -0.0 C -1 1 | LINCLING Corrected Lemp. "C                                       |

† Cardinal cannot accept verbal changes. Please email changes to celey keene@cardinallabsnm.com

Received by OCD: 10/13/2023 3:55:22 PM

Sam

De

Company Name: Ensolum, LLC

(575) 393-2326 FAX (575) 393-2476

Project Manager: Hadlie Green

Address: 601 N Marienfeld Street, Suite 400

Project #:03C2012042 Phone #: 432-557-8895

Fax #:

State:

XL

Zip: 79701

Attn: Kelton Beaird Address: 104 S Pecos St

Company: BTA Oil

P.O. #:

BILL TO

ANALYSIS

REQUEST

Project Owner:

City: Midland

State: TX

Zip: 79701

City: Midland

Project Location: 32.1076101,-103.564101 Project Name: Rojo AE 7811 JV-P Fed 001H

| Company Name: Ensolum, LLC  | Insolum, LLC  | ALL DOLLARS                             |                   |              |                    |                  |                                 |                  |                  |                 |   |                   | 00            | BILL TO   |  |                      |           |                  | A           | A             | S  | ANALYSIS REQUEST               | 2    | IEST  |
|---|---|---|-------------------|--------------|--------------------|------------------|---------------------------------|------------------|------------------|-----------------|---|-------------------|---------------|---|--|----------------------|-----------|------------------|-------------|---------------|--|--------------------------------|------|---|
| Project Manager: Hadlie Green   | Hadlie Green  |   |                   |              |                    |                  |                                 |                  |                  | P               | P.O. #:   | 17                |               |   |  |                      |           | -                | -           |               |  |                                |      |   |
| Address: 601 N Marienfeld Street,   | et,   | Suite 400                               |                   |              |                    |                  |                                 |                  |                  | 0               | mp  | an                | Y: m          | Company: BTA Oil  |  |                      |           |                  |             |               |  |                                |      |   |
| City: Midland   |   | State: TX                               | N                 | Zip: 79701   | 970                | -                |                                 |                  |                  | At              | tn:   | Kel               | ton           | Attn: Kelton Beaird   |  |                      |           | -                |             |               |  |                                |      |   |
| Phone #: 432-557-8895   | 8895  | Fax #:                                  |                   |              |                    |                  |                                 |                  |                  | Ad              | dre   | SS                | 10            | Address: 104 S Pecos  | St   |                      |           | -                | _           |               |  |                                |      |   |
| Project #:03C2012042  | 042   | Project Owner:                          | a                 |              |                    |                  |                                 |                  |                  | Cit             | Y: I  | Mid               | City: Midland | đ   |  |                      | e la      |                  |             |               |  |                                |      |   |
| Project Name: Rojo AE 7811 JV-P Fed 001H  | O AE 7811 JV-P  | Fed 001H                                |                   |              |                    |                  |                                 |                  |                  | Sta             | State: TX   | XT                |               | Zip: 79701  | H  |                      |           |                  | -           |               |  |                                |      |   |
| Project Location: 32.1076101,-103.564101  | 32.1076101,-103.  | 564101                                  |                   |              |                    |                  | 2                               |                  |                  | Ph              | one   | *                 | 43            | Phone #: 432-312-2203   | 3  |                      |           | -                | 1           |               |  |                                |      |   |
| Sampler Name: Peter Van Patten  | ter Van Patten  |   |                   |              |                    |                  |                                 |                  |                  | Fa              | Fax #:  |                   |               |   |  |                      |           | -                |             |               |  | -                              |      |   |
| FOR LAB USE ONLY  |   |   |                   | -            |                    |                  | MAT                             | MATRIX           |                  | 1               | PR  | ESE               | PRESERV.      |   | SAMPLING   |                      |           | 2                | -           |               |  |                                |      |   |
| Lab I.D.  | Sample I.D.   | Depth<br>(feet)                         | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER        | WASTEWATER       | SOIL                            | OIL              | SLUDGE           | OTHER :         | ACID/BASE:  | ICE / COOL        | OTHER :       | DATE  | TIME   | TPH                  | BTEX      | Chlorides        | N. K. D. C. | Section and a |  | - All and A                    |      |   |
| 12  | FS193   | 1                                       | 0                 | -            | 0                  | N                | 1                               | (                | -                | (               | /   | 1                 | -             | 8 18.03   |  | ×                    | ×         | ×                | -           |               |  |                                |      |   |
| -   | FS194   | 1                                       | 0                 | 4            |                    |                  | 1                               |                  |                  |                 |   | 1                 |               |   | 2  | ×                    | ×         | ×                |             |               |  |                                |      |   |
| U<br>U  | FS195   | 1                                       | 0                 | 14           |                    |                  | -                               |                  |                  |                 |   | 1                 |               |   | 122 7  | x                    | ×         | *                |             |               |  |                                |      |   |
|   | FS196   | 1                                       | 0                 | 14           |                    |                  | -                               |                  |                  |                 |   | 1                 |               |   | 1234   | ×                    | *         | ×                |             |               |  |                                |      |   |
| -   | FS197   | 1                                       | 2                 | 14           |                    |                  | 1                               |                  |                  |                 |   | 1                 |               |   | 2236   | X                    | ×         | ×                |             |               |  |                                |      |   |
| 0-  | FS198   | 1                                       | r                 | 12           |                    |                  | 1                               |                  |                  |                 | 11  | 1                 |               | _   | 2238   | ×                    | ×         | ×                | -           |               |  |                                |      |   |
| 48  | FS199   | 1                                       | 0                 | 1            |                    |                  | 1                               |                  |                  |                 |   | 1                 |               |   | 2243   | ×                    | ×         | ×                |             |               |  |                                |      |   |
| 35  | FS200   | 1                                       | 9                 | _            |                    |                  | 1                               |                  |                  |                 |   | 1                 |               |   | 1247   | ×                    | 2         | ×                |             |               |  |                                |      |   |
| 25  | FS201   | 1                                       | 2                 |              |                    |                  | 1                               |                  |                  |                 |   | 1                 |               |   | 1248   | 5                    | ×         | ×                |             |               |  |                                |      |   |
| EASE NOTE: Liability and Di   | FS202<br>amages. Cardinal's fability ar   | d client's exclusive remedy for a       | eny clair         |              | ng wh              | ther t           | Ased /                          | n can            | trad o           | x tort          | tort, shall                                       | be In             | nited         | to the amount pa  | 1504<br>Id by the client for the   | ×                    | ×         | 1                | -           |               |  |                                |      |   |
| lyses. All claims including th<br>ice. In no event shall Cardin<br>lates or successors arising ou | malyses, All claims including those for negligence and any other<br>envice. In no event shall Cardinal be liable for incidental or cons<br>iffiliates or successors arising out of or related to the performano | e of set                                | deeme<br>g witho  | ut limits    | ed uni<br>ation, i | less m<br>busine | ade in<br>ss inte               | writin<br>muptic | g and<br>ons, lo | recei<br>Iss of | d received by<br>loss of use, or<br>is based upor | y Carr<br>or loss | sof pr        | ardinal within 30 days afte<br>oss of profits incurred by o<br>any of the above stated re | vehationeer shull be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable<br>al damages, including without limitation, business interruptions, loss of use, or loss of profits insurred by dem, it subpidiaries,<br>vices hereunder by Cardinal, regardless of whether such claim is absodution any of the above stated reasons or cohervise. | pplicat              | ł         |                  |             |               |  |                                |      |   |
| ished By:   | Fath  | Pate:<br>Time<br>Unactor                | R                 | Received By: | 2'ved              | NB               | 0                               | 0                | -                | 0               |   |                   | 5             | NAN N   | Verbal Result:  Yes X.No  Add'l Phone #:<br>All Results are emailed. Please provide Email address:<br>hgreen@ensolum.com   | are emaile<br>hgreen | Tailed. F | Gensolum.com     | vide I      | On            | Add'I Phone #:<br>ide Email addre<br>n.COM | e#:<br>dress:                  |      |   |
| Relinquished By:  |   | Date:                                   | R                 | Received By: | ved                | By               | (                               | 1                | -                |                 | 1   | 0                 | <             | - Contraction   | REMARKS:   |                      |           |                  |             |               |  |                                |      |   |
|   |   | Time:                                   |                   |              |                    |                  |                                 |                  |                  |                 |   |                   |               |   | ,  |                      |           |                  | 6           |               |  |                                |      |   |
| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Ot  | le One)<br>s - Other:   | Observed Temp. "C<br>Corrected Temp. "C | 56-1              | R            |                    | Coo              | Sample Condition<br>Cool Intact | Inta Con         | Yes              | N ON            | 1   | )/ £              |               | CHECKED BY:<br>(Initials)   | Turnaround Time:<br>Thermometer ID #1  | Time                 | 3         | Standard<br>Rush |             | -0-           | Bact<br>Ye                                 | Bacteria (only)<br>Cool Intact | C) S | Bacteria (only) Sample Condition<br>Cool Intact Observed Temp. °C |

### Received by OCD: 10/13/2023 3:55:22 PM

Page 47 of 48

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

### Page 323 of 369

**CARDINAL** Laboratories

| Project manager: nature creen         Address: 601 N Marienfeld Street, Suite 400         City: Midland       Stat         Phone #: 432-557-8895       Fax         Project #:03C2012042       Proj         Project Name: Rojo AE 7811 JV-P Fed 001H         Project Location: 32.1076101,-103.564101         Sampler Name: Peter Van Patten  | e 400<br>State: TX Zip: 79701<br>Fax #:<br>Project Owner:<br>001H  | P.O. #:<br>Company: BTA Oil<br>Attn: Kelton Beaird<br>Address: 104 S Pecos St<br>City: Midland<br>State: TX Zip: 79701<br>Phone #: 432-312-2203<br>Fax #:  |
|--|--|--|
| 9.   | (feet)<br>B OR (C)OMP.<br>MATRIX<br>MATRIX<br>MATRIX<br>MATRIX<br>GE   |  |
| 41 FS203 2   |  |  |
| PLEASE NOTE: Liabily and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing whether based in contract or fort, shall be limited to the amount part by the client for the analyses. All claims including thesis for negligence and any other cause whatsoever shall be demend waiked unless made is writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable to inclend to romany under use whatsoever shall be demend waiked unless made is writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable to inclend to romany under the value damages, including without firmitation, business interruptions, loss of profits houring by the subsidiaries, artillates 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. Received By: Verbal Result: [ | Isable remety for any claim arising whether based in contra<br>halabover shall be deemed waiked unless made in writing a<br>damages, including without limitation business interruptions<br>can bereunder by Cardinal, regardless of whether such claim<br>test hereunder by Cardinal (the second second second second<br>test hereunder by Cardinal (the second second second second second<br>test hereunder by Cardinal (the second seco | ed in contract or tort, shall be limited to the amount paid by the client<br>is h writing and received by Cardinal within 30 days after completion<br>interruptions, loss of use, or loss of profile incurred by client its sub-<br>interruption, loss of use, or loss of profile incurred<br>interruptions, loss of use of the above statute reasons or other<br>ar such daim is based upon any of the above statute reasons or other<br>Verball is |
| Relinquished By:<br>Time<br>Time<br>Time<br>Time   | HUT SYNCLOU<br>Received By:  | MULUA REMARKS:   |



August 28, 2023

HADLIE GREEN ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: ROJO AE 7811 JV-P FED 001H

Enclosed are the results of analyses for samples received by the laboratory on 08/22/23 14:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

| Method EPA 552.2 | Haloacetic Acids (HAA-5)     |
|------------------|------------------------------|
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3)  |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 204 2' (H234573-01)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 96.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 205 2' (H234573-02)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 206 2' (H234573-03)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 207 2' (H234573-04)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 208 2' (H234573-05)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 98.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 112 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 209 2' (H234573-06)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 210 2' (H234573-07)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 211 2' (H234573-08)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 92.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 212 2' (H234573-09)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 213 2' (H234573-10)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 130 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 214 2' (H234573-11)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 98.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 215 2' (H234573-12)

| BTEX 8021B                           | mg,    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 216 2' (H234573-13)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 98.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 112 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 217 2' (H234573-14)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 98.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 112 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 218 2' (H234573-15)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 106    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 125    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 219 2' (H234573-16)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/24/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 150  | 75.0       | 200           | 1.62  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 83.9       | 200           | 0.664 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 220 2' (H234573-17)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0  | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.6       | 200           | 2.57  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 163  | 81.7       | 200           | 1.27  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 81.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 89.9   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 221 2' (H234573-18)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.87 | 93.4       | 2.00          | 1.73  |           |
| Toluene*                             | <0.050 | 0.050           | 08/25/2023 | ND           | 1.88 | 93.9       | 2.00          | 0.218 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/25/2023 | ND           | 1.94 | 96.8       | 2.00          | 1.44  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/25/2023 | ND           | 5.73 | 95.6       | 6.00          | 2.05  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/25/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | 'kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.6       | 200           | 2.57  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 163  | 81.7       | 200           | 1.27  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 82.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 90.9   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 222 2' (H234573-19)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.6       | 200           | 2.57  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 163  | 81.7       | 200           | 1.27  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 87.4   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 223 2' (H234573-20)

| BTEX 8021B                           | mg,    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.6       | 200           | 2.57  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 163  | 81.7       | 200           | 1.27  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 79.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 87.5   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 224 2' (H234573-21)

| BTEX 8021B                           | mg/    | ′kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | ′kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | ′kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.6       | 200           | 2.57  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 163  | 81.7       | 200           | 1.27  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 94.6   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 225 2' (H234573-22)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0   | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 157  | 78.6       | 200           | 2.57  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 163  | 81.7       | 200           | 1.27  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 78.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 82.8   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: FS 226 2' (H234573-23)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 159  | 79.7       | 200           | 5.40  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 84.0       | 200           | 8.67  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113 9  | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: SW 01 0-2' (H234573-24)

| BTEX 8021B                           | mg/                                 | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|-------------------------------------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result                              | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050                              | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050                              | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050                              | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150                              | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300                              | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9                               | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/                                 | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result                              | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0                                | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/                                 | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result                              | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0                               | 10.0            | 08/24/2023 | ND           | 159  | 79.7       | 200           | 5.40  |           |
| DRO >C10-C28*                        | <10.0                               | 10.0            | 08/24/2023 | ND           | 168  | 84.0       | 200           | 8.67  |           |
| EXT DRO >C28-C36                     | <10.0                               | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | gate: 1-Chlorooctane 99.2 % 48.2-1. |                 |            |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 114 9                               | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: SW 02 0-2' (H234573-25)

| BTEX 8021B                           | mg/                                  | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------------------------------------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result                               | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 0.050                         |                 |            |              | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050                               | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050                               | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150                               | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300                               | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9                                | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/                                  | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result                               | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0                                 | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/                                  | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result                               | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0                                | 10.0            | 08/24/2023 | ND           | 159  | 79.7       | 200           | 5.40  |           |
| DRO >C10-C28*                        | <10.0                                | 10.0            | 08/24/2023 | ND           | 168  | 84.0       | 200           | 8.67  |           |
| EXT DRO >C28-C36                     | <10.0                                | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | ogate: 1-Chlorooctane 99.2 % 48.2-1. |                 |            |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 115 9                                | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: SW 03 0-2' (H234573-26)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050 | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 16.0   | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/24/2023 | ND           | 159  | 79.7       | 200           | 5.40  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/24/2023 | ND           | 168  | 84.0       | 200           | 8.67  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.2   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: SW 04 0-2' (H234573-27)

| BTEX 8021B                           | mg,                                   | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|---------------------------------------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result                                | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050                                | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050                                | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050                                | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150                                | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300                                | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9                                 | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,                                   | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result                                | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 32.0                                  | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,                                   | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result                                | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0                                 | 10.0            | 08/24/2023 | ND           | 159  | 79.7       | 200           | 5.40  |           |
| DRO >C10-C28*                        | <10.0                                 | 10.0            | 08/24/2023 | ND           | 168  | 84.0       | 200           | 8.67  |           |
| EXT DRO >C28-C36                     | <10.0                                 | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | rrogate: 1-Chlorooctane 95.1 % 48.2-1 |                 |            |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109                                   | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

| Received:         | 08/22/2023                 | Sampling Date:      | 08/21/2023       |
|-------------------|----------------------------|---------------------|------------------|
| Reported:         | 08/28/2023                 | Sampling Type:      | Soil             |
| Project Name:     | ROJO AE 7811 JV-P FED 001H | Sampling Condition: | Cool & Intact    |
| Project Number:   | 03C2012042                 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | BTA 32.1076101,-103.564101 |                     |                  |

#### Sample ID: SW 05 0-2' (H234573-28)

| BTEX 8021B                           | mg,                                 | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|-------------------------------------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result                              | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050                              | 0.050           | 08/26/2023 | ND           | 1.90 | 94.8       | 2.00          | 0.212 |           |
| Toluene*                             | <0.050                              | 0.050           | 08/26/2023 | ND           | 2.01 | 101        | 2.00          | 6.25  |           |
| Ethylbenzene*                        | <0.050                              | 0.050           | 08/26/2023 | ND           | 1.95 | 97.7       | 2.00          | 0.302 |           |
| Total Xylenes*                       | <0.150                              | 0.150           | 08/26/2023 | ND           | 5.76 | 96.0       | 6.00          | 1.94  |           |
| Total BTEX                           | <0.300                              | 0.300           | 08/26/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9                               | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/                                 | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result                              | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | <16.0                               | 16.0            | 08/25/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,                                 | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result                              | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0                               | 10.0            | 08/24/2023 | ND           | 159  | 79.7       | 200           | 5.40  |           |
| DRO >C10-C28*                        | <10.0                               | 10.0            | 08/24/2023 | ND           | 168  | 84.0       | 200           | 8.67  |           |
| EXT DRO >C28-C36                     | <10.0                               | 10.0            | 08/24/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | rate: 1-Chlorooctane 94.4 % 48.2-1. |                 |            |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109                                 | % 49.1-14       | 8          |              |      |            |               |       |           |

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
|-------|---|
| ND    | Analyte NOT DETECTED at or above the reporting limit  |
| RPD   | Relative Percent Difference   |
| **    | Samples not received at proper temperature of 6°C or below.   |
| ***   | Insufficient time to reach temperature.   |
| -     | Chloride by SM4500Cl-B does not require samples be received at or below 6°C   |
|       | Samples reported on an as received basis (wet) unless otherwise noted on report   |

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including whose share there applied by the services arise of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Ott | in the second se | Ep Mr.   | Relinquished By:                        | alyses, Al claims include<br>rvice. In no event shall Cr<br>Bates or successors arisin   | PLEASE NOTE: Liability an  | 2      | 200     | 2      | 6     | 5     | 4     | u     | e     | 1     | Lab I.D.<br>H234573  | FOR LAB USE ONLY  | Sampler Name                   | Project Locatic                          | Project Name:                            | Project #:03C2012042 | Phone #: 432-557-8895 | City: Midland       | Address: 601                                | Project Manag                 | Company Nan                |  |
|---|--|--|---|--|--|--------|---------|--------|-------|-------|-------|-------|-------|-------|--|---|--------------------------------|--|--|----------------------|-----------------------|---------------------|---|-------------------------------|----------------------------|--|
| her:  |  | 、「「「「  |   | analyses, A4 claims including those for negligence and any other<br>service. In no event shall Cardinal be liable for incidental or conse<br>inflates or successors arising out of or related to the performance   | d Damages. Cardinal's liability and c  | FS212  | FS211   | FS210  | FS209 | FS208 | FS207 | FS206 | FS205 | FS204 | Sample I.D.  | A CANANA CANA | Sampler Name: Peter Van Patten | Project Location: 32.1076101,-103.564101 | Project Name: Rojo AE 7811 JV-P Fed 001H | 012042               | 57-8895               |                     | Address: 601 N Marienfeld Street, Suite 400 | Project Manager: Hadlie Green | Company Name: Ensolum, LLC | 101 East Marland, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476 |
| Observed Temp. *C                                       | Date:<br>Time:   | 5  | Date:                                   | cause whatsoe<br>quental damag<br>of services her  | The The Sector S | 2      | 2       | 2      | 2     | 6     | 2     | 4     | 2     | 12    | Depth<br>(feet)  |   |                                | 64101                                    | ed 001H                                  | Project Owner:       | Fax #:                | State: TX           | uite 400                                    |                               |                            | 1 East Marland, Hobbs, NM 88240  |
| Sample Condition  | Received By:   | Spark  | Received By:                            | shall be deemed waived unless made in writing<br>including without limitation, business interruption<br>inder by Cardinal, repardless of whether such cla  | V 1 v claim arising whether based in contr   | ·C1    | 1 10    | 1 40   | C 2 1 | 1 7 2 | 4     | 1 4 0 | 1 4 0 | 61 1  | (G)RAB OR (C)OMP<br># CONTAINERS<br>GROUNDWATER<br>WASTEWATER<br>SOIL<br>OIL | MATRIX  |                                |  |  | au.                  |                       | Zip: 79701          |   |                               |                            | 8240<br>2476   |
| ition CHECKED BY:                                       | 0.0  | anew   | min o vissen uppn any or the above sate | ver shall be dennet vaived unless made in writing and received by Cardinal whom Silvinov, should be<br>res. including without limitation, tusieness interruptions, loss of texe, or loss of profits incurred by client<br>stunder by Cardinal, regardless of whether such claim is based to some of the data structure structure to the some structure of the some structure to the some structure of the some s | act or tort shall be limited to the amount   | 1      | 1       | /      | 1     | /     | /     | /     | / /   | /     | SLUDGE<br>OTHER :<br>ACID/BASE:<br>ICE / COOL<br>OTHER :                     | PRESERV.  | Fax #:                         | 432                                      | State: TX Zip:                           | City: Midland        | Address: 104 S Pecos  | Attn: Kelton Beaird | Company: BTA Oil                            | P.O. #:                       | BILL TO                    |  |
| Turnaround Time:  | REMARKS:   | All Results are en   | ad rea                                  | ays after completion of the applicable<br>red by client, its subsidiaries,   | 1H   | 1007 / | 10 34 / | 7026 / | 10000 | 14029 | 10127 | 12000 | 0     | 12 6  | TIME<br>BTEX   | SAMPLING  |                                | 2203                                     | Zip: 79701                               |                      | cos St                | đ                   | -   |                               | 10                         |  |
| e: Standard D   |  | All Results are emailed. Pléase provide Email address:<br>hgreen@ensolum.com | Ves No A                                | ble  | - / -  | 1      | 1       | 1      | 1     |       |       | 1     | 1     | 1     | TPH<br>Chloride  |   |                                |  |  |                      |                       |                     |   | -                             |                            |  |
| Bacteria (only) Sample Condition                        |  | e Email address:<br>COM  | dd'l Phone #:                           |  |  |        |         |        |       |       |       |       |       |       |  |   |                                |  |  |                      |                       |                     |   |                               | ANALYSIS REO               |  |
| ample Condition<br>Observed Temp. °C                    |  |  |   |  |  |        |         |        |       |       |       |       |       |       |  |   | 1                              |  |  |                      |                       |                     |   |                               | REDIEST                    |  |

Received by OCD: 10/13/2023 3:55:22 PM

Page 31 of 33

|                             | X   |   |
|-----------------------------|-----|---|
| 4                           |     | n |
| 101 Eas                     | JE  | D |
| ast Marland, Hobbs, NM 8824 | õ   | J |
| rland, I                    | D   | D |
| Hobbs                       | to  | 5 |
| , NM                        | rie | D |
| 88240                       | S   | F |

(575) 393-2326 FAX (575) 393-2476

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

#### Relinguished By Project Location: 32.1076101,-103.564101 Project Name: Rojo AE 7811 JV-P Fed 001H **H2342** Project #:03C2012042 Phone #: 432-557-8895 Project Manager: Hadlie Green Company Name: Ensolum, LLC tice, in no event Lab I.D. City: Midland Address: 601 N Marienfeld Street, Suite 400 FOR LAB USE ONLY ampler Name: Peter Van Patten 8 shall Ca 9 N 8 6 S 7 5 FS222 FS219 FS221 FS220 FS223 FS218 FS217 FS215 FS214 FS216 Sample I.D. N NN NN N N N NN Project Owner: Fax #: State: Depth (feet) X Received By: (G)RAB OR (C)OMP Zip: 79701 Ü 42 # CONTAINERS GROUNDWATER WASTEWATER SOIL MATRIX OIL SLUDGE loss of use OTHER Fax #: P.O. #: Phone #: 432-312-2203 State: TX City: Midland Address: 104 S Pecos St Attn: Kelton Beaird Company: BTA Oil ACID/BASE PRESERV Caronal ICE / COOL OTHER BILL TO Zip: 79701 DATE SAMPLING 2243 Verbal Result: 2250 1247 7234 2229 2025 1920 2222 2202 1053 TIME of the ap hloride capie PH F JI ANALYSIS REQUEST

Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Cor Observed

lemp.

è,

Sample Condition

CHECKED BY:

Turnaround Time:

Rush Standard

Bacteria (only)

Sample Condition

Corrected Temp. °C Observed Temp. °C REMARKS:

Verbal Result: Vers Vers Verset Add'I Phone #: All Results are emailed. Please provide Email address: hgreen@ensolum.com

Relinquished By

all a

5770

Date: Time:

**Received By** 

3

Time:

123/23

| Delivered By: (Circle One)<br>Sampler - UPS - Bus - Other:       | Noninquistied by. | 1 repr la          | service. In no event shall Cardinal be liable for incidential<br>affliates or successors arising out of or related to the perf<br>Relinquished By; / | analyses. All claims including thos  | PLEASE NOTE: Lishilly and Date |       | 20 25 | 100  | -    |       |         |       |       |                                     | FOR LAB USE ONLY | Sampler Name: Peter Van Patten | Project Location: 32.1076101,-103.564101 | Project Name: Rojo AE 7811 JV-P Fed 001H | Project #:03C2012042 | Phone #: 432-557-8895   | City: Midland       | Address: 601 N Marienfeld Street, | Project Manager: Hadlie Green | Company Name: Ensolum, LLC | 1  |
|--|-------------------|--------------------|--|--|--------------------------------|-------|-------|------|------|-------|---------|-------|-------|-------------------------------------|------------------|--------------------------------|--|--|----------------------|-------------------------|---------------------|-----------------------------------|-------------------------------|----------------------------|--|
|  |                   | n'affer            | Inal be liable for incidental or co<br>out of or related to the performa   | 0 6  |                                | COAAC | SW04  | SW03 | SW02 | SW01  | FS226   | FS225 | FS224 | Sample I.D.                         |                  | eter Van Patten                | 32.1076101,-103.                         | jo AE 7811 JV-P                          | 2042                 | -8895                   |                     | larienfeld Street,                | Hadlie Green                  | Ensolum, LLC               | 01 East Marland<br>(575) 393-2326                                      |
| Observed Temp. *C<br>Corrected Temp. *C                          | Date:<br>Time:    | - Timeryu7         | nsequental damages, including<br>nce of services hereunder by Ca   | gres. Cardina's sublity and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the for negligence and any other cause whatboever shall be deemed waived unless made is writing and resolved to Crucical units to choose and the client for the |                                | 7-0   | 0-2   | 0-2  | 0-2  | 0-2   | 2       | 2     | 2     | Depth<br>(feet)                     |                  |                                | 564101                                   | Fed 001H                                 | Project Owner:       | Fax #:                  | State: TX           | Suite 400                         |                               |                            | 101 East Marland, Hobbs, NM 88240<br>(575) 393-2326 FAX (575) 393-2476 |
|  | Received By:      |                    | including without limitation, buinder by Cardinal, regardless of Received E  | any claim arising deemed waives  |                                | 17    | 1     | C I  | C 7  | C 1   | C1      | 7 0   | CI    | (G)RAB OR (C)OMF<br># CONTAINERS    | Þ,               |                                |  |  | Ner:                 |                         | Zip: 79701          |                                   |                               |                            | 38240<br>-2476   |
| Sample<br>Cool<br>Yes  | ed By:            | Ro                 | thout limitation, business interruptions, loss<br>dinal, regardless of whether such claim is ba<br>Received By:                                      | g whether based<br>d unless made a   |                                |       |       |      | 1    | /     |         | /     |       | GROUNDWATER<br>WASTEWATER<br>SOIL   | M                |                                |  |  |                      |                         | 9701                | 10                                |                               |                            |  |
| Sample Condition<br>Cool Intact<br>Yes Tres                      |                   | alla               | erruptions, loss<br>such claim is ba   | I in contract or to  | HOR.                           |       |       |      |      |       |         |       |       |                                     | MATRIX           |                                |  |  |                      |                         | 1                   | 1                                 |                               |                            |  |
| S  | 1                 | ann                | loss of use, or loss of profits<br>is based upon any of the ab   | ort, shall be limite   | 2                              | /     | >     | 1    | /    | 1     | 1       | -     | /     | OTHER :<br>ACID/BASE:<br>ICE / COOL | PRESERV.         | Fax #:                         | Phone #: 432-312-2203                    | State: TX                                | City: Midland        | Address: 104 S Pecos St | Attn: Kelton Beaird | Company: BTA Oil                  | P.O. #:                       |                            |  |
| CHECKED BY:  |                   | es.                | profits incurred<br>the above state  | od to the amoun  | the                            | <     |       |      |      |       | -       | 1 m   | D     |                                     |                  |                                | 432-312-2                                | Zip: 79701                               | and                  | 104 S Pe                | ton Beain           | : BTA Oi                          |                               | BILL 1                     |  |
| Turnaround Ti<br>Thermometer ID                                  | REMARKS:          | All Res            | any alter completion of the a<br>red by client, its subsidiaries,<br>lated reasons or otherwise.   | paid by the clier  | terra                          | 732   | 137   | 1374 | 1369 | 12/19 | 12/11/2 | 1000  | 2     | TIME                                | SAMPLING         |                                | 203                                      | 9701                                     |                      | cos St                  | -                   |                                   |                               | 10                         |  |
| Turnaround Time:<br>Thermometer ID #1                            | RKS:              | All Results are em | completion of the applicat<br>ent, its subsidiaries,<br>ions or otherwise.   | st for the   |                                | 5     | 1 4   | 4 1  | 10   | 1     | 12      | 0     | 4     | Culoride                            |                  | -                              |  |  | -                    | _                       |                     |                                   | -                             | 201                        |  |
| 13   |                   | hailed. I          | die Van  |  |                                |       | 1     | 1    | 1    | 1     | 1       | 1     |       | T PH                                | -                |                                |  |  |                      |                         |                     |                                   | 1                             |                            |  |
| Standard<br>Rush   |                   | en@ensolum.com     |  | +  |                                | 1     | 1     | 1    | 1    |       | 1       | 1     | 4     | BTEX                                |                  |                                | _  | -  |                      | -                       |                     | -                                 |                               |                            |  |
|  |                   | vide Ema           |  | ł  |                                |       |       |      |      |       | 1       |       | †     |                                     | 1                |                                |  |  | -                    | -                       | -                   | 19                                | -                             | AN                         |  |
| Bacteria (only)<br>Cool Intact<br>□Yes □Yes                      |                   | en@ensolum.com     |  | -  |                                |       |       |      |      |       |         |       | -     |                                     | -                |                                |  |  |                      |                         |                     |                                   |                               | ANALYSIS                   |  |
| (0)  |                   |                    |  |  |                                |       |       |      |      |       |         |       | t     |                                     | -                |                                |  |  |                      | -                       |                     | 2                                 | NEWOL                         | REDIFST                    |  |
| Bacteria (only) Sample Condition<br>Cool Infact Observed Temp. ℃ |                   |                    |  |  |                                |       | -     |      |      |       |         |       |       |                                     |                  |                                |  |  |                      |                         |                     |                                   | -                             | T                          |  |

- Released to Imaging: 10/24/2023 10:13:28 AM

Page 33 of 33

Page 357 of 369



# APPENDIX D

**NMOCD** Notifications

### **Hadlie Green**

| From:    | Wells, Shelly, EMNRD <shelly.wells@emnrd.nm.gov></shelly.wells@emnrd.nm.gov> |
|----------|--|
| Sent:    | Thursday, August 10, 2023 3:58 PM  |
| То:      | Hadlie Green   |
| Cc:      | Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD; Maxwell, Ashley, EMNRD    |
| Subject: | RE: [EXTERNAL] BTA - Sampling Notification - Week of 08/14/2023              |

#### [\*\*EXTERNAL EMAIL\*\*]

Good afternoon Hadlie,

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells \* Environmental Specialist-Advanced Environmental Bureau EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520<u>|Shelly.Wells@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Hadlie Green <hgreen@ensolum.com>
Sent: Thursday, August 10, 2023 2:26 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Kelton Beaird <KBeaird@btaoil.com>; Peter Van Patten <pvanpatten@ensolum.com>
Subject: [EXTERNAL] BTA - Sampling Notification - Week of 08/14/2023

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA anticipates collecting confirmation samples at the following locations the week of August 14, 2023.

- Gem 4, 5, 7, 10 Battery, 8705 JV-P / NCH1903263128
  - Sampling Date: 8/14/2023 @ 9:00 AM MST
- Rojo AE 7811 JV-P Fed 001H / nCH1836251271

   Sampling Date: 8/14-18/2023 @ 9:00 AM MST

Thank you,

.



Hadlie Green Project Geologist 432-557-8895 hgreen@ensolum.com Ensolum, LLC in f ♥



# APPENDIX E

Final C-141

.

Released to Imaging: 10/24/2023 10:13:28 AM

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

Page 362 of 369

| Incident ID    | NCH1836251271 |
|----------------|---------------|
| District RP    | 1RP-5295      |
| Facility ID    |               |
| Application ID | pCH1836251636 |

# **Release Notification**

## **Responsible Party**

| Responsible Party   | BTA Oil Producers                  | OGRID 260297                               |
|---------------------|------------------------------------|--|
| Contact Name        | Ben Grimes                         | Contact Telephone (432) 682-3753           |
| Contact email       | bgrimes@btaoil.com                 | Incident # NCH1836251271 ROJO AE 7811 JV-P |
| Contact mailing add | dress 104 S. Pecos St., Midland, T | X 79701 FED 001H @ 30-025-43476            |

## **Location of Release Source**

Latitude 32.107610

Longitude -103.56410 (NAD 83 in decimal degrees to 5 decimal places)

| Site Name Rojo AE 7811 JV-P Fed 001H (closest well) | Site Type Tank Battery            |
|---|-----------------------------------|
| Date Release Discovered 12/02/2018                  | API# (if applicable) 30-025-43476 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| D           | 27      | 25S      | 33E   | Lea    |

Surface Owner: State Federal Tribal Private (Name:

## Nature and Volume of Release

| Crude Oil        | Volume Released (bbls) 350 BBL   | Volume Recovered (bbls) 200 BBL         |
|------------------|--|---|
| Produced Water   | Volume Released (bbls) 35 BBL  | Volume Recovered (bbls) 20 BBL          |
|                  | 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

A dump valve froze into a closed position on the separator, causing the vessel to pressure up and the high pressure relief valve (pop-off) to open to prevent rupture of the vessel and the incoming lines.

Received by OCD: 10/13/2023 3:55:22 PM

| orm C-141  | State of New Mexico                                | Incident ID                                      |  |  |
|--|--|--|--|--|
| ge 2   | Oil Conservation Division                          | District RP                                      |  |  |
|  |  | Facility ID                                      |  |  |
|  |  | Application ID                                   |  |  |
| Was this a major<br>release as defined by<br>19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible pa | party consider this a major release?             |  |  |
| Yes 🗌 No   | The spill volume was greater than 25 BBL.          | which the NMOCD Rules define as a major release. |  |  |

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email sent to Shelly Tucker, BLM, and Christina Hernandez, NMOCD, by Michael Alves, Cajun Energy, on 12/2/2018 at 9:02 PM.

## **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.

I 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.

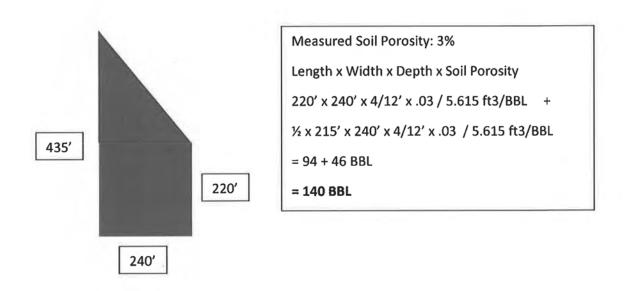
A A

| Title: Production Manager |
|---------------------------|
| Date: 12/4/ 18            |
| Telephone:(432) 682-3753  |
| Date:                     |
|                           |

## Release Notification for 12/2/2018 Incident

Calculations for Rojo AE 7811 JV-P Federal 001H (nearest well)

• The impacted area outside of the tank battery containment was calculated as follows:



- Plus: 220 BBL was contained and recovered from the tank battery secondary containment area.
- Plus: Estimated 25 BBL fluid remains inside secondary containment spread across the top of the tanks, vessels and piping.

Total volume reported: 385 BBL

At 10% Water Cut, Volumes in this Release Notification estimate are:

Crude Oil: 350 BBL

Produced Water: 35 BBL

Oil Conservation Division

|             | Page 365 of 369 |
|-------------|-----------------|
| Incident ID | NCH1836251271   |
| District RP | 1RP-5295        |
| Facility ID |                 |

pCH1836251636

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?   | >60 (ft bgs) |
|---|--------------|
| Did this release impact groundwater or surface water?   | Yes X 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 X 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 X No     |
| Are the lateral extents of the release overlying a subsurface mine?   | Yes X No     |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | Yes X No     |
| Are the lateral extents of the release within a 100-year floodplain?  | Yes X No     |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | X 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.
- Tield data
- $\mathbf{X}$  Data table of soil contaminant concentration data
- $\overline{\mathbf{X}}$  Depth to water determination
- X Determination of water sources and significant watercourses within  $\frac{1}{2}$ -mile of the lateral extents of the release
- $\underline{X}$  Boring or excavation logs
- Photographs including date and GIS information
- X Topographic/Aerial maps
- X 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.

Received by OCD: 10/13/2023 3:55:22 PM

.

| Form C-141  | State of New Mexico       |  | ĵ   | Incident ID   | NCH1836251271   |
|---|---------------------------|--|---|---|---|
| Page 4  | Oil Conservation Division |  |   | District RP   | 1RP-5295  |
|   |                           |  | 1   | Facility ID   | 11(1-52)5   |
|   |                           |  |   | Application ID  | pCH1836251636   |
| regulations all operators as<br>public health or the enviro<br>failed to adequately invest<br>addition, OCD acceptance<br>and/or regulations.<br>Printed Name: Kelton<br>Signature: | lk D                      | tifications<br>OCD doe:<br>reat to gro<br>f responsi<br> | and perform constructions not relieve the undwater, surface | rrective actions for relea<br>operator of liability sho<br>se water, human health<br>iance with any other fed<br>al Manater | ases which may endanger<br>ould their operations have<br>or the environment. In |
| OCD Only<br>Received by:JC  | ocelyn Harimon            |  | Date:06   | /08/2023  |   |

Received by OCD: 10/13/2023 3:55:22 PM

| Form C-141<br>Page 5 | State of New Mexico<br>Oil Conservation Division | Incident ID<br>District RP<br>Facility ID<br>Application ID | NCH1836251271<br>1RP-5295<br>pCH1836251636 |
|----------------------|--|---|--|
|                      | <b>Remediation Plan</b>                          |   |  |

-----

Detailed description of proposed remediation technique
 Scaled sitemap with GPS coordinates showing delineation points

Estimated volume of material to be remediated

X Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

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

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: Kelton Beaird                     | Title: Environmental Manager      |
|---|-----------------------------------|
| Signature: ////                                 | Date: 6-6-73                      |
| email: kbeaird@btaoil.com                       | Telephone: 432-312-2203           |
|   |                                   |
| OCD Only  |                                   |
| Received by: Jocelyn Harimon                    | Date: 06/8/2023                   |
| Approved Approved with Attached Conditions of A | Approval Denied Deferral Approved |
| Signature: Ashley Maxwell                       | Date: 06/22/2023                  |

Variance request to sample every 700 square feet is <u>denied</u>. OCD approves a sampling variance of collecting samples every 500 square feet, this includes sidewall and base samples.

Oil Conservation Division

| Incident ID    | NCH1836251271 |
|----------------|---------------|
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

Page 368 of 369

# 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. **Environmental Manager** Printed Name: Kelton Beaird\_\_\_\_\_ Title: 10-12-23 Date: Signature: email: kbeaird@btaoil.com Telephone: 432-31-2203 **OCD Only** Received by: Date: 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:
 Ashley Maywell
 Date:
 10/24/2023

 Printed Name:
 Ashley Maxwell
 Title:
 Environme

 **Environmental Specialist** 

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

| Operator:              | OGRID:                                    |
|------------------------|---|
| BTA OIL PRODUCERS, LLC | 260297                                    |
| 104 S Pecos            | Action Number:                            |
| Midland, TX 79701      | 275567                                    |
|                        | Action Type:                              |
|                        | [C-141] Release Corrective Action (C-141) |
| CONDITIONS             |   |

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| amaxwell   | None      | 10/24/2023     |

CONDITIONS

Page 369 of 369

Action 275567

.