



March 3, 2026

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 Report and Closure Request

San Juan 32-8 Unit 250
Hilcorp Energy Company
NMOCD Incident No: nAPP2535032185

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* for a release at the San Juan 32-8 Unit 250 natural gas production well (Site). The Site is located on and managed by a private landowner in Unit M, Section 33, Township 32 North, Range 8 West in San Juan County, New Mexico, (Figure 1). This report describes the excavation and confirmation soil sampling activities performed at the Site to remediate impacted soil originating from the release.

SITE BACKGROUND

On December 12, 2025, Hilcorp personnel identified a release of produced water during a routine Right-of-Way (ROW) leak survey along a waterline at the Site, where produced water was observed flowing from a valve can located along the ROW. The waterline valve was immediately closed to isolate the release, and remaining fluids were removed from the pipeline to prevent further discharge. Approximately 4 barrels (bbls) of produced water were recovered from within the valve can. Based on recovered volumes and field observations, the total estimated release volume was approximately 5.25 bbls, with a portion of the fluid migrating beyond the valve can. Released produced water migrated off-pad into a nearby low-lying water feature adjacent to the access road, resulting in impacts extending beyond the valve can structure and along the ROW. The cause of the release was unknown at the time of discovery, and Hilcorp documented that the valve can would be removed to further evaluate the source and determine the cause of the release.

Hilcorp notified the New Mexico Oil Conservation Division (NMOCD) of the release on December 12, 2025, and the Site was assigned Incident Number nAPP2535032185. Initial response actions successfully stopped the release and mitigated the potential for additional off-pad migration.

SITE CHARACTERIZATION

As part of the Site investigation, local geology/hydrogeology and nearby sensitive receptors were assessed in accordance with Title 19, Chapter 15, Part 29, Sections 11 and 12 (19.15.29.11

and 12) of the New Mexico Administrative Code (NMAC). This information is further discussed below.

GEOLOGY AND HYDROGEOLOGY

The Site is located within the Nacimiento Geologic Formation. In the report titled “*Hydrogeology and Water Resources of San Juan Basin, New Mexico*” (Stone, et. al., 1983), the Nacimiento Formation is characterized by interbedded black carbonaceous mudstones and white, coarse-grained sandstones, which ranges in thickness from 418 feet to 2,232 feet. The hydrogeologic properties of the Nacimiento Formation display variable hydrogeologic properties dependent on location. Where sufficient yield is present, the primary use of water from this formation is for domestic and/or livestock supply. The Nacimiento Formation is underlain by the Ojo Alamo sandstone (Stone et. al., 1983).

POTENTIAL SENSITIVE RECEPTORS

Potential nearby receptors were assessed through desktop reviews of United States Geological Survey (USGS) topographic maps, Federal Emergency Management Administration (FEMA) Geographic Information System (GIS) maps, New Mexico Office of the State Engineer (NMOSE) database, aerial photographs, and Site-specific observations.

The nearest fresh water well is NMOSE permitted well SJ-03259 (Appendix A), located approximately 6,630 feet northwest of the Site with a recorded depth to water of 500 feet below ground surface (bgs). Well SJ-03126 is located at an elevation of approximately 6,631 feet above mean sea level, which is approximately 101 feet higher in elevation than the Site. As such, depth to groundwater is estimated to be greater than 100 feet bgs.

The nearest significant watercourse to the Site is a playa lake and wetland located approximately 80 feet east of the well pad (Figure 1). No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site (Figure 1). The Site is not within a 100-year floodplain, overlying a subsurface mine, or located within an area underlain by unstable geology (area designated as low potential karst by the Bureau of Land Management). Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site. A Site receptor map is shown on Figure 1.

SITE CLOSURE CRITERIA

Based on the information presented above and in accordance with the *Table I, Closure Criteria for Soils Impacted by a Release* (19.15.29.12 NMAC), the following Closure Criteria for constituents of concern (COCs) should be applied to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH) as a combination of gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO):
100 mg/kg
- Chloride: 600 mg/kg

DELINEATION AND SOIL SAMPLING ACTIVITIES

Upon discovery of the release, Hilcorp retained Ensolum to conduct delineation activities between December 18, 2025 and January 14, 2026. In total, six hand auger borings (HA01 through HA05)

were advanced to depths up to 6 feet bgs and 15 surface samples (SS01 through SS15) were taken from the ground surface to a depth of 0.5 feet bgs at the Site (Figure 2). Hand auger borings and surface samples were collected from near the valve can (source of the release) and from within the release extent in order to assess the soil with the greatest potential impacts resulting from the release. Surface samples were collected laterally outside the release extent in order to horizontally delineate the potential impacts resulting from the release.

During delineation activities, Ensolum personnel logged soil lithology and field screened for the presence of volatile organic compounds (VOCs) with a calibrated photoionization detector (PID) and chloride using Hach® QuanTab® chloride test strips. Soil descriptions and field screening results were noted in the field book. Photographs taken during delineation activities are also provided in Appendix B.

Two to three soil samples were collected from each hand-auger boring to delineate the vertical extent of impacts at the Site. Samples were collected at approximately 1-foot bgs, 2 feet bgs, and, where warranted based on field observations, 3 feet bgs. Soil samples were collected directly into laboratory-provided containers, immediately placed on ice, and submitted to Green Analytical Laboratories for analysis of BTEX following U.S. Environmental Protection Agency (EPA) Method 8021B, TPH following EPA Method 8015M/D, and chloride following EPA Method 300.0.

In general, Site lithology consisted of sand, silty sand, and clayey sand from the ground surface to depths up to 6 feet bgs. Based on the laboratory analytical results, chloride concentrations exceeding the NMOCD Closure Criteria were encountered in four surface soil samples collected from the ground surface to a depth of 0.5 feet bgs. BTEX, TPH, and/or chloride were either not detected above laboratory reporting limits or were not detected above the applicable Closure Criteria in all other delineation soil samples analyzed. A summary of analytical results is summarized in Table 1 and Figure 2, with complete laboratory reports attached in Appendix C.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the delineation sampling activities described above, Hilcorp performed remediation through excavation and off-Site soil disposal at the Envirotech Landfarm in San Juan County, New Mexico. Excavation activities were conducted in January 2026 with confirmation sampling occurring on January 16, 2026. Notification to the NMOCD was provided at least two business days prior to conducting remediation and sampling work, with correspondence also attached in Appendix C. To direct excavation activities, Ensolum personnel field screened soil for chloride.

Once field screening indicated impacted soil had been removed, five-point composite soil samples were collected from the floor (FS01 through FS20) at a frequency not exceeding one sample per 200 square feet. All floor samples were collected at a depth of 0.5-foot bgs with the shallow sidewalls being included in the composite floor samples. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples were placed into laboratory provided containers, immediately placed on ice, and transported under proper chain of custody procedures to Green Analytical for analysis of TPH, BTEX, and chloride using the methods described above.

Analytical results from the excavation indicated concentrations of all COCs were compliant with NMOCD Table I Closure Criteria and the reclamation requirement in all confirmation samples. In total, approximately 150 cubic yards of impacted soil was removed and transported to the Envirotech Landfarm. Soil sample results are summarized in Table 2, soil sample locations are presented in Figure 3, and complete laboratory analytical reports are attached as Appendix B. Photographs taken by Ensolum during the excavation work are presented in Appendix D.

CLOSURE REQUEST

Site excavation and sampling activities were conducted at the Site to address the release discovered on December 12, 2025, at the Site. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2535032185.

We appreciate the opportunity to provide this work plan to the NMOCD. If you should have any questions or comments regarding this document, please contact the undersigned.

Sincerely,
Ensolum, LLC



Osgood Froelich
Staff Scientist
(415) 747-9186
ofroelich@ensolum.com



Wes Weichert, PG (licensed in WY & TX)
Senior Geologist
(816) 266-8732
wweichert@ensolum.com

Attachments:

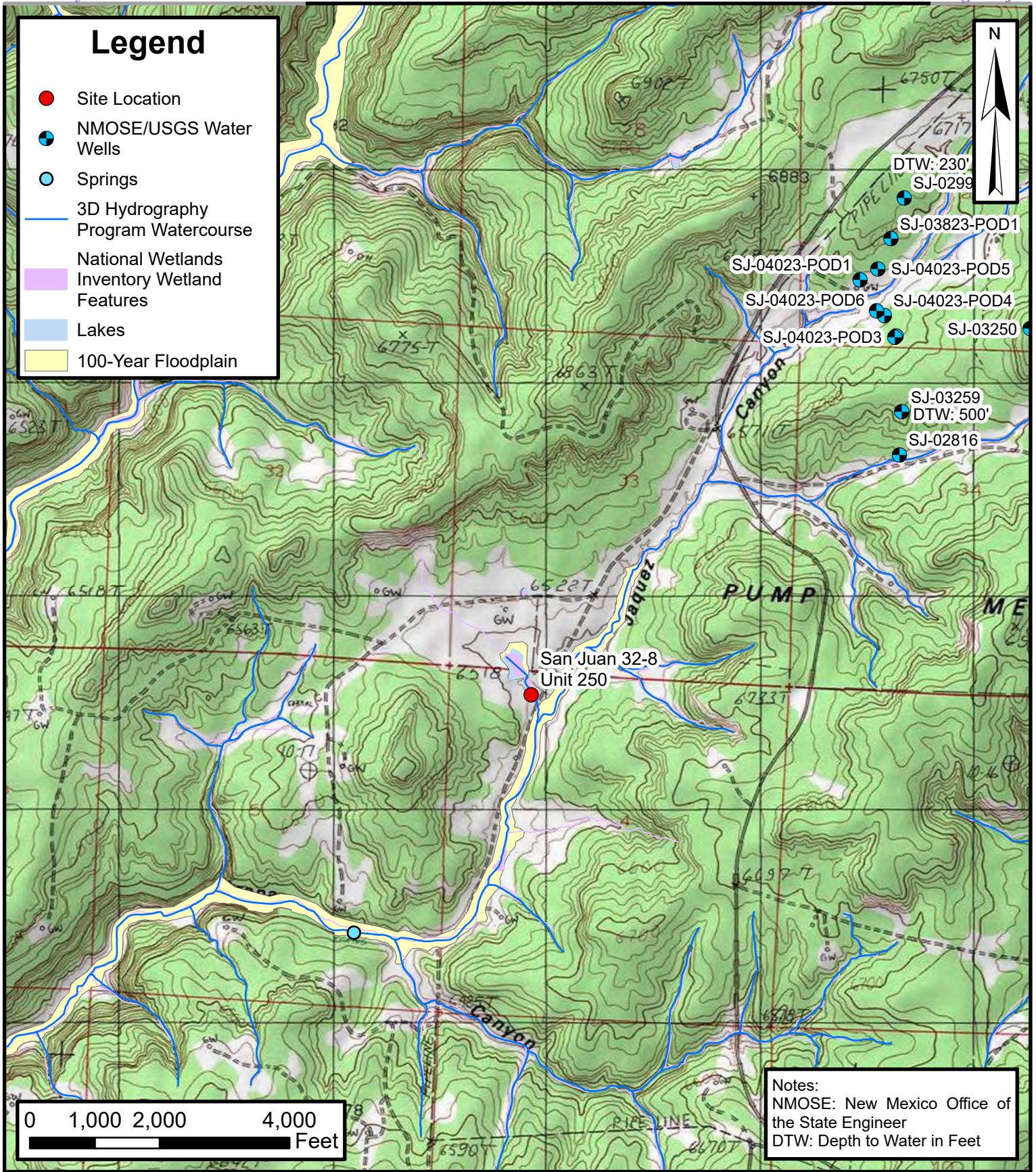
- Figure 1: Site Receptor Map
- Figure 2: Delineation Soil Sample Locations
- Figure 3: Excavation Soil Sample Locations

- Table 1: Delineation Soil Sample Analytical Results
- Table 2: Excavation Soil Sample Analytical Results

- Appendix A: Depth to Water Determination
- Appendix B: Laboratory Analytical Reports
- Appendix C: Agency Correspondence
- Appendix D: Photographic Log



FIGURES



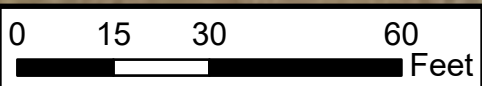
Site Location Map

San Juan 32-8 Unit 250
 Hilcorp Energy Company
 36.932337, -107.684805
 San Juan County, New Mexico

FIGURE
1

Legend

- Delineation Soil Sample in Compliance with NMOCD Closure Criteria
- Delineation Soil Sample Exceeding NMOCD Closure Criteria
- Release Extent



Notes:
 Cl: Chloride in Milligrams per Kilogram (mg/Kg)
Bold: Indicates Results Exceed NMOCD Closure Criteria
 NMOCD: New Mexico Oil Conservation Division

Default Folder: C:\Users\Wes.Weichert\OneDrive - ENSOLUM, LLC\Ensolium GIS\0 - Projects\Hilcorp\San Juan 32-8 #250

Delineation Sample Locations

San Juan 32-8 #250
 Hilcorp Energy Company
 36.932337, -107.684805
 San Juan County, New Mexico

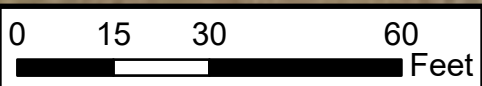
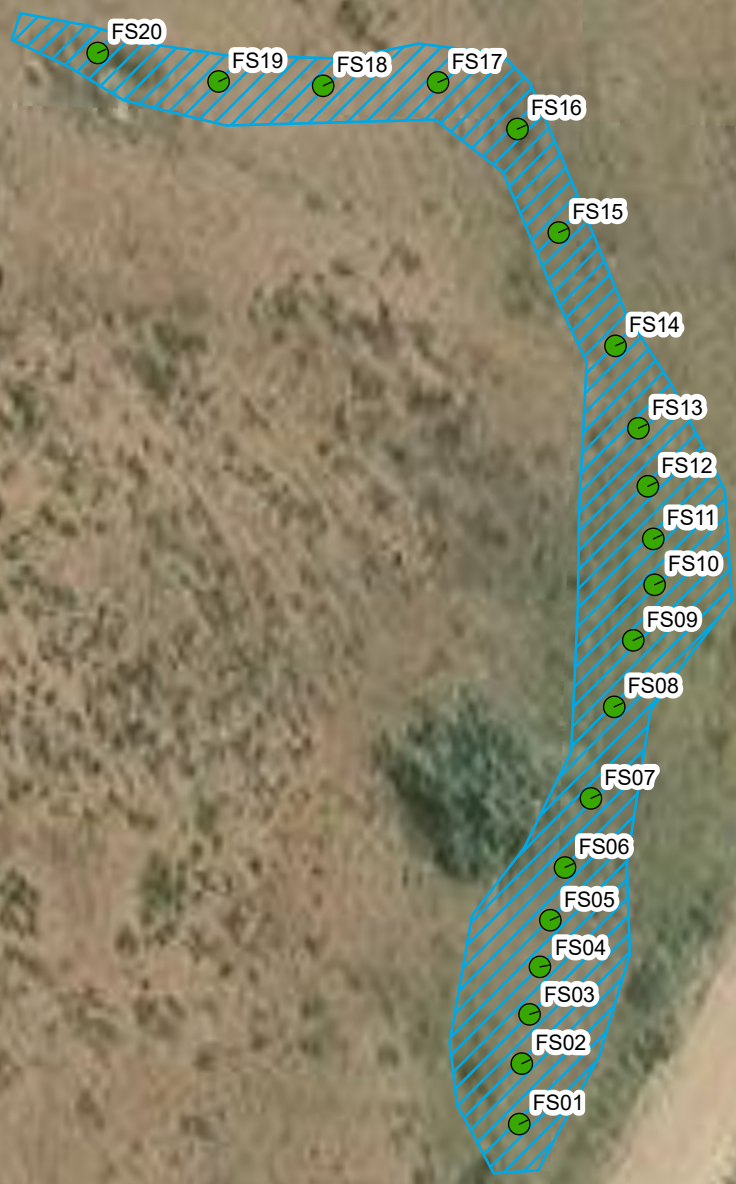
FIGURE
2



Legend

● Excavation Soil Sample in Compliance with NMOCD Closure Criteria

▨ Excavation Extent



Notes:
NMOCD: New Mexico Oil Conservation Division



Excavation Soil Sample Locations

San Juan 32-8 Unit 250
Hilcorp Energy Company
36.932337, -107.684805
San Juan County, New Mexico

FIGURE
3



TABLES



TABLE 1
DELINEATION SOIL SAMPLE ANALYTICAL RESULTS
 San Juan 32-3 #250
 Hilcorp Energy Company
 San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH MRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|------------|------------------|-----------------|-----------------|----------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCOD Closure Criteria for Soils Impacted by a Release | | | 10 | NE | NE | NE | 50 | NE | NE | NE | 100 | 600 |
| SS01 | 12/18/2025 | 0 - 0.5 | <0.050 | 0.109 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 944 |
| SS02 | 12/18/2025 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 1,120 |
| SS03 | 12/18/2025 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| SS04 | 12/18/2025 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 512 |
| SS05 | 12/18/2025 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 1,420 |
| SS06 | 12/18/2025 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 1,070 |
| SS07 | 12/18/2025 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| SS08 | 1/6/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <11.4 |
| SS09 | 1/6/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <12.5 |
| SS10 | 1/6/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <11.6 |
| SS11 | 1/6/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <12.2 |
| SS12 | 1/6/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <11.7 |
| SS13 | 1/7/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <11.9 |
| SS14 | 1/7/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 33.0 |
| SS15 | 1/7/2026 | 0 - 0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 22.4 |
| HA01 @ 1' | 1/6/2026 | 1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <10.9 |
| HA01 @ 2' | 1/6/2026 | 2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | <11.0 |
| HA02 @ 1' | 1/6/2026 | 1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 331 |
| HA02 @ 2' | 1/6/2026 | 2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 268 |
| HA03 @ 1' | 1/7/2026 | 1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 295 |
| HA03 @ 2' | 1/7/2026 | 2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 239 |
| HA04 @ 1' | 1/7/2026 | 1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 326 |
| HA04 @ 2' | 1/7/2026 | 2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 248 |
| HA05 @ 1' | 1/7/2026 | 1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 486 |
| HA05 @ 2' | 1/7/2026 | 2 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 368 |
| HA05 @ 3' | 1/7/2026 | 3 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 239 |
| Release Point @ 6' | 1/14/2026 | 6 | NA | NA | NA | NA | NA | NA | NA | NA | NA | 300 |

Notes:

bgs: Below ground surface
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
 mg/kg: Milligrams per kilogram
 NA: Not Analyzed
 NE: Not Established
 NMOCOD: New Mexico Oil Conservation Division

GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 MRO: Motor Oil/Lube Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 ': Feet

<: Indicates result less than the stated laboratory reporting limit (RL)

Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release



TABLE 2
EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS
 San Juan 32-3 #250
 Hilcorp Energy Company
 San Juan County, New Mexico

| Sample Identification | Date | Depth (feet bgs) | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylenes (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH MRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------------|-----------------|-----------------|----------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCDC Closure Criteria for Soils Impacted by a Release | | | 10 | NE | NE | NE | 50 | NE | NE | NE | 100 | 600 |
| FS01 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 316 |
| FS02 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 538 |
| FS03 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 457 |
| FS04 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 353 |
| FS05 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 229 |
| FS06 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 289 |
| FS07 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 449 |
| FS08 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 229 |
| FS09 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 95.2 |
| FS10 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 65.3 |
| FS11 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 347 |
| FS12 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 147 |
| FS13 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 240 |
| FS14 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 399 |
| FS15 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 274 |
| FS16 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 137 |
| FS17 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 194 |
| FS18 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 159 |
| FS19 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 196 |
| FS20 | 1/16/2026 | 0 - 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | 161 |

Notes:

bgs: Below ground surface
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
 mg/kg: Milligrams per kilogram
 NA: Not Analyzed
 NE: Not Established
 NMOCDC: New Mexico Oil Conservation Division

GRO: Gasoline Range Organics
 DRO: Diesel Range Organics
 MRO: Motor Oil/Lube Oil Range Organics
 TPH: Total Petroleum Hydrocarbon
 <: Indicates result less than the stated laboratory reporting limit (RL)



APPENDIX A

NMOSE Points of Diversion Summary

Revised June 1977

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Dewayne Albin Owner's Well No. SJ-3259
Street or Post Office Address 3921 Highland View
City and State Farmington, NM 87401

Well was drilled under Permit No. SJ-3259 and is located in the:

- a. SW $\frac{1}{4}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 34 Township 32N Range 8W N.M.P.M.
- b. Tract No. _____ of Map No. _____ of the _____
- c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Rio Arriba County.
- d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Mark Bailey - Bailey Drilling Co. License No. WD 1357

Address 4203 Terrace Dr., Farmington, NM 87402

Drilling Began 9-6-02 Completed 9-13-02 Type tools rotary air Size of hole 7 7/8 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 550 ft.

Completed well is shallow artesian. Depth to water upon completion of well 500 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

| Depth in Feet | | Thickness in Feet | Description of Water-Bearing Formation | Estimated Yield (gallons per minute) |
|---------------|-----|-------------------|--|--------------------------------------|
| From | To | | | |
| 520 | 530 | 10 | Sand Stone | 1 |
| | | | | 02 OCT - 7 AM 4 |
| | | | | |
| | | | | |

Section 3. RECORD OF CASING

| Diameter (inches) | Pounds per foot | Threads per in. | Depth in Feet | | Length (feet) | Type of Shoe | Perforations | |
|-------------------|-----------------|-----------------|---------------|--------|---------------|--------------|--------------|---------|
| | | | Top | Bottom | | | From | To |
| 5 | | | 0 | 550 | 550 | | | 510 550 |
| | | | | | | | | |
| | | | | | | | | |

Section 4. RECORD OF MUDDING AND CEMENTING

| Depth in Feet | | Hole Diameter | Sacks of Mud | Cubic Feet of Cement | Method of Placement |
|---------------|----|---------------|--------------|----------------------|---------------------|
| From | To | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO
02 SEP 19 11 4 00

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

| No. | Depth in Feet | | Cubic Feet of Cement |
|-----|---------------|--------|----------------------|
| | Top | Bottom | |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |

FOR USE OF STATE ENGINEER ONLY

Date Received 9-19-02

Quad _____ FWL _____ FSL _____

File No. SJ-3259

Use Dom Location No. 32N.8W.34.123



APPENDIX B

Laboratory Analytical Reports



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
jeremy.allen@greenanalytical.com

26 December 2025

Kate Kaufman
Hilcorp
382 CR 3100
Aztec, NM 87410
RE: San Juan 32-8 #250

Enclosed are the results of analyses for samples received by the laboratory on 12/18/25 12:50. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Jeremy D. Allen". The signature is written in a cursive style and is enclosed in a light blue rectangular box.

Reporting Station For Jeremy D Allen
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 12/26/25 10:20 |
|---|---|------------------------------------|

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| SS01 | 2512250-01 | Solid | 12/18/25 10:23 | 12/18/25 12:50 | |
| SS02 | 2512250-02 | Solid | 12/18/25 10:25 | 12/18/25 12:50 | |
| SS03 | 2512250-03 | Solid | 12/18/25 10:28 | 12/18/25 12:50 | |
| SS04 | 2512250-04 | Solid | 12/18/25 10:32 | 12/18/25 12:50 | |
| SS05 | 2512250-05 | Solid | 12/18/25 10:37 | 12/18/25 12:50 | |
| SS06 | 2512250-06 | Solid | 12/18/25 10:42 | 12/18/25 12:50 | |
| SS07 | 2512250-07 | Solid | 12/18/25 10:45 | 12/18/25 12:50 | |

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Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 12/26/25 10:20 |
|---|---|------------------------------------|

SS01

2512250-01 (Soil)

Sampled Date: 12/18/25 10:23

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Inorganic Compounds

| | | | | | | | | | |
|-----------------|------------|------|--|-------|---|----------------|-----------|--|----|
| Chloride | 944 | 16.0 | | mg/kg | 4 | 12/22/25 09:58 | 4500-Cl-B | | KH |
|-----------------|------------|------|--|-------|---|----------------|-----------|--|----|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|-----------------------|--------------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:09 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:09 | 8021B | | JH |
| Toluene* | 0.109 | 0.050 | 0.009 | mg/kg | 50 | 12/19/25 21:09 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 12/19/25 21:09 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 12/19/25 21:09 | 8021B | | JH |

| | | | | | | | | | |
|--|--|--|-------|----------|--|-------------------|-------|--|----|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 118 % | 70.4-141 | | 12/19/25 21:09 | 8021B | | JH |
|--|--|--|-------|----------|--|-------------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|----------------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 22:27 | 8015B | | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 22:27 | 8015B | | MS |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 12/19/25 22:27 | 8015B | | MS |

| | | | | | | | | | |
|--------------------------------------|--|--|-------|----------|--|-------------------|-------|--|----|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 103 % | 39.9-141 | | 12/19/25 22:27 | 8015B | | MS |
|--------------------------------------|--|--|-------|----------|--|-------------------|-------|--|----|

| | | | | | | | | | |
|----------------------------------|--|--|-------|----------|--|-------------------|-------|--|----|
| <i>Surrogate: 1-Chlorooctane</i> | | | 104 % | 52.4-130 | | 12/19/25 22:27 | 8015B | | MS |
|----------------------------------|--|--|-------|----------|--|-------------------|-------|--|----|

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 12/26/25 10:20 |
|---|---|-----------------------------|

SS02

2512250-02 (Soil)

Sampled Date: 12/18/25 10:25

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Inorganic Compounds

| | | | | | | | | | |
|----------|------|------|--|-------|---|----------------|-----------|--|----|
| Chloride | 1120 | 16.0 | | mg/kg | 4 | 12/22/25 09:58 | 4500-Cl-B | | KH |
|----------|------|------|--|-------|---|----------------|-----------|--|----|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:23 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:23 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 12/19/25 21:23 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 12/19/25 21:23 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 12/19/25 21:23 | 8021B | | JH |

| | | | | | | | | | |
|---------------------------------------|--|-------|----------|--|--|----------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene (PID) | | 112 % | 70.4-141 | | | 12/19/25 21:23 | 8021B | | JH |
|---------------------------------------|--|-------|----------|--|--|----------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 22:48 | 8015B | | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 22:48 | 8015B | | MS |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 12/19/25 22:48 | 8015B | | MS |

| | | | | | | | | | |
|-------------------------------|--|-------|----------|--|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane | | 102 % | 39.9-141 | | | 12/19/25 22:48 | 8015B | | MS |
|-------------------------------|--|-------|----------|--|--|----------------|-------|--|----|

| | | | | | | | | | |
|---------------------------|--|-------|----------|--|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctane | | 103 % | 52.4-130 | | | 12/19/25 22:48 | 8015B | | MS |
|---------------------------|--|-------|----------|--|--|----------------|-------|--|----|

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Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
12/26/25 10:20

SS03

2512250-03 (Soil)

Sampled Date: 12/18/25 10:28

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Inorganic Compounds

| | | | | | | | | | |
|----------|-------|------|--|-------|---|----------------|-----------|--|----|
| Chloride | <16.0 | 16.0 | | mg/kg | 4 | 12/22/25 09:58 | 4500-Cl-B | | KH |
|----------|-------|------|--|-------|---|----------------|-----------|--|----|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:38 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:38 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 12/19/25 21:38 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 12/19/25 21:38 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 12/19/25 21:38 | 8021B | | JH |

| | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|----------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 118 % | 70.4-141 | | 12/19/25 21:38 | 8021B | | JH |
|---------------------------------------|--|--|-------|----------|--|----------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 23:10 | 8015B | | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 23:10 | 8015B | | MS |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 12/19/25 23:10 | 8015B | | MS |

| | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane | | | 101 % | 39.9-141 | | 12/19/25 23:10 | 8015B | | MS |
|-------------------------------|--|--|-------|----------|--|----------------|-------|--|----|

| | | | | | | | | | |
|---------------------------|--|--|-------|----------|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctane | | | 103 % | 52.4-130 | | 12/19/25 23:10 | 8015B | | MS |
|---------------------------|--|--|-------|----------|--|----------------|-------|--|----|

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| | | |
|---|--|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolium) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 12/26/25 10:20 |
|---|--|------------------------------------|

SS04

2512250-04 (Soil)

Sampled Date: 12/18/25 10:32

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Inorganic Compounds

| | | | | | | | | | |
|-----------------|------------|------|--|-------|---|----------------|-----------|--|----|
| Chloride | 512 | 16.0 | | mg/kg | 4 | 12/22/25 09:58 | 4500-Cl-B | | KH |
|-----------------|------------|------|--|-------|---|----------------|-----------|--|----|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|-----------------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:53 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 21:53 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 12/19/25 21:53 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 12/19/25 21:53 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 12/19/25 21:53 | 8021B | | JH |

| | | | | | | | | | |
|--|--|--|-------|----------|--|-------------------|-------|--|----|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 112 % | 70.4-141 | | 12/19/25 21:53 | 8021B | | JH |
|--|--|--|-------|----------|--|-------------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|----------------------------|-------|------|------|-------|---|----------------|-------|------|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 23:32 | 8015B | S-04 | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 23:32 | 8015B | S-04 | MS |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 12/19/25 23:32 | 8015B | S-04 | MS |

| | | | | | | | | | |
|--------------------------------------|--|--|-------|----------|--|-------------------|-------|------|----|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 166 % | 39.9-141 | | 12/19/25 23:32 | 8015B | S-04 | MS |
|--------------------------------------|--|--|-------|----------|--|-------------------|-------|------|----|

| | | | | | | | | | |
|----------------------------------|--|--|-------|----------|--|-------------------|-------|------|----|
| <i>Surrogate: 1-Chlorooctane</i> | | | 166 % | 52.4-130 | | 12/19/25 23:32 | 8015B | S-04 | MS |
|----------------------------------|--|--|-------|----------|--|-------------------|-------|------|----|

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Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 12/26/25 10:20 |
|---|---|-----------------------------|

SS05

2512250-05 (Soil)

Sampled Date: 12/18/25 10:37

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Inorganic Compounds

| | | | | | | | | | |
|----------|------|------|--|-------|---|----------------|-----------|--|----|
| Chloride | 1420 | 16.0 | | mg/kg | 4 | 12/22/25 09:58 | 4500-Cl-B | | KH |
|----------|------|------|--|-------|---|----------------|-----------|--|----|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 22:08 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 22:08 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 12/19/25 22:08 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 12/19/25 22:08 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 12/19/25 22:08 | 8021B | | JH |

| | | | | | | | | | |
|---------------------------------------|--|-------|----------|--|--|----------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene (PID) | | 124 % | 70.4-141 | | | 12/19/25 22:08 | 8021B | | JH |
|---------------------------------------|--|-------|----------|--|--|----------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 23:54 | 8015B | | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/19/25 23:54 | 8015B | | MS |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 12/19/25 23:54 | 8015B | | MS |

| | | | | | | | | | |
|-------------------------------|--|-------|----------|--|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane | | 101 % | 39.9-141 | | | 12/19/25 23:54 | 8015B | | MS |
|-------------------------------|--|-------|----------|--|--|----------------|-------|--|----|

| | | | | | | | | | |
|---------------------------|--|-------|----------|--|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctane | | 100 % | 52.4-130 | | | 12/19/25 23:54 | 8015B | | MS |
|---------------------------|--|-------|----------|--|--|----------------|-------|--|----|

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 12/26/25 10:20 |
|---|---|-----------------------------|

SS06

2512250-06 (Soil)

Sampled Date: 12/18/25 10:42

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Inorganic Compounds

| | | | | | | | | | |
|-----------------|-------------|------|--|-------|---|----------------|-----------|--|----|
| Chloride | 1070 | 16.0 | | mg/kg | 4 | 12/22/25 09:58 | 4500-Cl-B | | KH |
|-----------------|-------------|------|--|-------|---|----------------|-----------|--|----|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|-----------------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 20:45 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 20:45 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 12/19/25 20:45 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 12/19/25 20:45 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 12/19/25 20:45 | 8021B | | JH |

| | | | | | | | | | |
|--|--|--|-------|----------|--|-------------------|-------|--|----|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 114 % | 70.4-141 | | 12/19/25 20:45 | 8021B | | JH |
|--|--|--|-------|----------|--|-------------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|----------------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/20/25 00:16 | 8015B | | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/20/25 00:16 | 8015B | | MS |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 12/20/25 00:16 | 8015B | | MS |

| | | | | | | | | | |
|--------------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 83.4 % | 39.9-141 | | 12/20/25 00:16 | 8015B | | MS |
|--------------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|

| | | | | | | | | | |
|----------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|
| <i>Surrogate: 1-Chlorooctane</i> | | | 85.3 % | 52.4-130 | | 12/20/25 00:16 | 8015B | | MS |
|----------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|

Green Analytical Laboratories

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
12/26/25 10:20

SS07

2512250-07 (Soil)

Sampled Date: 12/18/25 10:45

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Inorganic Compounds

| | | | | | | | | | |
|----------|-------|------|--|-------|---|----------------|-----------|--|----|
| Chloride | <16.0 | 16.0 | | mg/kg | 4 | 12/22/25 09:58 | 4500-Cl-B | | KH |
|----------|-------|------|--|-------|---|----------------|-----------|--|----|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 20:55 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 12/19/25 20:55 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 12/19/25 20:55 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 12/19/25 20:55 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 12/19/25 20:55 | 8021B | | JH |

| | | | | | | | | | |
|---------------------------------------|--|--|-------|----------|--|-------------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 115 % | 70.4-141 | | 12/19/25 20:55 | 8021B | | JH |
|---------------------------------------|--|--|-------|----------|--|-------------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/20/25 00:38 | 8015B | | MS |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 12/20/25 00:38 | 8015B | | MS |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 12/20/25 00:38 | 8015B | | MS |

| | | | | | | | | | |
|-------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane | | | 91.2 % | 39.9-141 | | 12/20/25 00:38 | 8015B | | MS |
|-------------------------------|--|--|--------|----------|--|-------------------|-------|--|----|

| | | | | | | | | | |
|---------------------------|--|--|--------|----------|--|-------------------|-------|--|----|
| Surrogate: 1-Chlorooctane | | | 94.4 % | 52.4-130 | | 12/20/25 00:38 | 8015B | | MS |
|---------------------------|--|--|--------|----------|--|-------------------|-------|--|----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
12/26/25 10:20

Inorganic Compounds - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| Batch 5121916 - 1:4 DI Water | | | | | | | | | | |
| Blank (5121916-BLK1) Prepared: 12/19/25 Analyzed: 12/22/25 | | | | | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| LCS (5121916-BS1) Prepared: 12/19/25 Analyzed: 12/22/25 | | | | | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (5121916-BSD1) Prepared: 12/19/25 Analyzed: 12/22/25 | | | | | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |

Volatile Organic Compounds by EPA Method 8021 - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| Batch 5121844 - Volatiles | | | | | | | | | | |
| Blank (5121844-BLK1) Prepared: 12/18/25 Analyzed: 12/19/25 | | | | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0578 | | mg/kg | 0.0500 | | 116 | 70.4-141 | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| LCS (5121844-BS1) Prepared: 12/18/25 Analyzed: 12/19/25 | | | | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0516 | | mg/kg | 0.0500 | | 103 | 70.4-141 | | | |
| Benzene | 1.92 | 0.050 | mg/kg | 2.00 | | 95.9 | 71-111 | | | |
| Ethylbenzene | 2.08 | 0.050 | mg/kg | 2.00 | | 104 | 74.2-119 | | | |
| m,p-Xylene | 4.22 | 0.100 | mg/kg | 4.00 | | 105 | 72.5-123 | | | |
| o-Xylene | 2.06 | 0.050 | mg/kg | 2.00 | | 103 | 70.5-124 | | | |
| Toluene | 2.09 | 0.050 | mg/kg | 2.00 | | 105 | 75-116 | | | |
| Total Xylenes | 6.28 | 0.150 | mg/kg | 6.00 | | 105 | 72.2-123 | | | |
| LCS Dup (5121844-BSD1) Prepared: 12/18/25 Analyzed: 12/19/25 | | | | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0518 | | mg/kg | 0.0500 | | 104 | 70.4-141 | | | |
| Benzene | 1.97 | 0.050 | mg/kg | 2.00 | | 98.5 | 71-111 | 2.66 | 17.6 | |
| Ethylbenzene | 2.12 | 0.050 | mg/kg | 2.00 | | 106 | 74.2-119 | 1.90 | 14.2 | |
| m,p-Xylene | 4.28 | 0.100 | mg/kg | 4.00 | | 107 | 72.5-123 | 1.53 | 13.6 | |

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Reporting Station For Jeremy D Allen, Laboratory Director



Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
12/26/25 10:20

**Volatile Organic Compounds by EPA Method 8021 - Quality Control
(Continued)**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 5121844 - Volatiles (Continued)

LCS Dup (5121844-BSD1) (Continued)

Prepared: 12/18/25 Analyzed: 12/19/25

| | | | | | | | | | | |
|---------------|------|-------|-------|------|-----|----------|-------|------|--|--|
| o-Xylene | 2.05 | 0.050 | mg/kg | 2.00 | 103 | 70.5-124 | 0.493 | 13.7 | | |
| Toluene | 2.17 | 0.050 | mg/kg | 2.00 | 108 | 75-116 | 3.31 | 14.8 | | |
| Total Xylenes | 6.33 | 0.150 | mg/kg | 6.00 | 106 | 72.2-123 | 0.871 | 13.3 | | |

Batch 5121851 - Volatiles

Blank (5121851-BLK1)

Prepared: 12/18/25 Analyzed: 12/19/25

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|-----|----------|--|--|--|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0556 | | mg/kg | 0.0500 | 111 | 70.4-141 | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |

LCS (5121851-BS1)

Prepared: 12/18/25 Analyzed: 12/19/25

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|------|----------|--|--|--|------|
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0563 | | mg/kg | 0.0500 | 113 | 70.4-141 | | | | |
| Benzene | 1.99 | 0.050 | mg/kg | 2.00 | 99.6 | 71-111 | | | | |
| Ethylbenzene | 2.45 | 0.050 | mg/kg | 2.00 | 122 | 74.2-119 | | | | BS-3 |
| m,p-Xylene | 4.95 | 0.100 | mg/kg | 4.00 | 124 | 72.5-123 | | | | BS-3 |
| o-Xylene | 2.47 | 0.050 | mg/kg | 2.00 | 124 | 70.5-124 | | | | |
| Toluene | 2.29 | 0.050 | mg/kg | 2.00 | 114 | 75-116 | | | | |
| Total Xylenes | 7.42 | 0.150 | mg/kg | 6.00 | 124 | 72.2-123 | | | | BS-3 |

LCS Dup (5121851-BSD1)

Prepared: 12/18/25 Analyzed: 12/19/25

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|------|----------|------|------|--|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0553 | | mg/kg | 0.0500 | 111 | 70.4-141 | | | | |
| Benzene | 1.93 | 0.050 | mg/kg | 2.00 | 96.4 | 71-111 | 3.27 | 17.6 | | |
| Ethylbenzene | 2.27 | 0.050 | mg/kg | 2.00 | 114 | 74.2-119 | 7.34 | 14.2 | | |
| m,p-Xylene | 4.59 | 0.100 | mg/kg | 4.00 | 115 | 72.5-123 | 7.53 | 13.6 | | |
| o-Xylene | 2.32 | 0.050 | mg/kg | 2.00 | 116 | 70.5-124 | 6.26 | 13.7 | | |
| Toluene | 2.20 | 0.050 | mg/kg | 2.00 | 110 | 75-116 | 3.96 | 14.8 | | |
| Total Xylenes | 6.91 | 0.150 | mg/kg | 6.00 | 115 | 72.2-123 | 7.11 | 13.3 | | |

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Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
12/26/25 10:20

Petroleum Hydrocarbons by GC FID - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 5121906 - General Prep - Organics

Blank (5121906-BLK1)

Prepared & Analyzed: 12/19/25

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 46.7 | | mg/kg | 50.0 | | 93.5 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 48.4 | | mg/kg | 50.0 | | 96.8 | 52.4-130 | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |

LCS (5121906-BS1)

Prepared & Analyzed: 12/19/25

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 55.5 | | mg/kg | 50.0 | | 111 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 55.9 | | mg/kg | 50.0 | | 112 | 52.4-130 | | | |
| DRO >C10-C28 | 185 | 10.0 | mg/kg | 200 | | 92.7 | 74.8-123 | | | |
| GRO C6-C10 | 196 | 10.0 | mg/kg | 200 | | 97.8 | 78.7-123 | | | |
| Total TPH C6-C28 | 381 | 10.0 | mg/kg | 400 | | 95.2 | 78.6-121 | | | |

LCS Dup (5121906-BSD1)

Prepared & Analyzed: 12/19/25

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|-------|------|--|
| Surrogate: 1-Chlorooctadecane | 54.6 | | mg/kg | 50.0 | | 109 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 55.5 | | mg/kg | 50.0 | | 111 | 52.4-130 | | | |
| DRO >C10-C28 | 184 | 10.0 | mg/kg | 200 | | 92.1 | 74.8-123 | 0.678 | 10.9 | |
| GRO C6-C10 | 194 | 10.0 | mg/kg | 200 | | 97.0 | 78.7-123 | 0.802 | 11.3 | |
| Total TPH C6-C28 | 378 | 10.0 | mg/kg | 400 | | 94.5 | 78.6-121 | 0.742 | 10.5 | |

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Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
12/26/25 10:20

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.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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75 Suttle Street
Durango, CO 81303
(970) 247-4220

Note: Write-Out™ or similar products cannot be used on the Chain of Custody

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
FORM-006, R. 8.0

Company or Client: Hilcorp Energy Company
Address: 1111 Travis St
City: Houston State: TX Zip: 346-237-2275
Phone #: 346-237-2275
Contact Person: Kate Kaufman
Email Report to: kkaufman@hilcorp.com, shyde@ensolum.com, aschermer@ensolum.com
Project Name(optional): San Juan 32-8 #250
P.O. #:
Rush? TAT Needed? **3-day**

| Lab I.D. 2512-250 Lab Use Only | Sample Name or Location | Collected | | Matrix (check one) | | | | | | | # of containers | OTHER: | |
|--------------------------------------|-------------------------|-----------|------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------------|--------|---|
| | | Date | Time | GROUNDWATER | SURFACE WATER | WASTEWATER | PRODUCED WATER | DRINKING WATER | SOIL | OTHER: | | | |
| 01 | 5501 | 12/19/25 | 1023 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | | X |
| 02 | 5502 | | 1025 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | | |
| 03 | 5503 | | 1028 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | | |
| 04 | 5504 | | 1032 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | | |
| 05 | 5505 | | 1037 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | | |
| 06 | 5506 | | 1042 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | | |
| 07 | 5507 | | 1045 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | | |
| 08 | | | | | | | | | | | | | |
| 09 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |

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

Relinquished By: [Signature] Date: 12/19/25 Time: 1250
Received By: [Signature] Date: 12-16-25 Time: 1250
Relinquished By: [Signature] Date: [] Time: []
Received By: [Signature] Date: [] Time: []

Temperature at receipt: 19.4 °C
Checked by: [Signature]
On Ice? Therm. used: [Signature]

† GAL cannot accept verbal changes. Please email changes to receiving@greanalytical.com
* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.

8021 MEN 12/18/25
Clarified via phone call by drop off person



Date/Initials of per examining contents: 12-18-25

Labeled by initials: _____

(if different than above)

SAMPLE CONDITION RECEIPT FORM

Client Name: Hilcorp

Work Order # 2512-250

Courier: Fed Ex UPS USPS Client Kangaroo Third Party Other

Custody Seals on Box/Cooler Present: Yes No Seals Intact: Yes No GAL Cooler #: _____

Thermometer Used: #12 Samples on ice, cooling process has begun: Yes No

Type of Ice: Wet Blue None Cooler Temp: Observed Temp: 19.4 °C Correction Factor: 0 °C Final Temp: 19.4 °C

Compliance: Yes No Temp: _____ °C *Temp should be above freezing 6°C, if multiple readings are taken the lowest temp is the final temp recorded.

| | | |
|---|--|-----------------|
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. |
| COC Signed when Relinquished and Received: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. |
| Sampler Name and Signature on COC: *Required for compliance | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 3. |
| Samples arrived within hold time: (Excluding pH) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 4. |
| Correct Containers Used & Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| Short Hold Time Analysis (<72hr): (Excluding pH) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 7. <u>3 day</u> |
| Sufficient Volume: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. |
| pH's acceptable upon receipt, where applicable: *Not including metals bottles | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9. |
| Dissolved Testing Needed: Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. |
| Sample Labels match COC: -Includes Date/Time/ID | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 11. |
| Matrix: | WT <input checked="" type="checkbox"/> SL <input type="checkbox"/> OT | |
| Trip Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| VOA's meet headspace requirement (<6mm bubbles) | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Non-Conformance(s): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. |

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
jeremy.allen@greenanalytical.com

09 January 2026

Kate Kaufman
Hilcorp
382 CR 3100
Aztec, NM 87410
RE: San Juan 32-8 #250

Enclosed are the results of analyses for samples received by the laboratory on 01/06/26 16:30. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Jeremy D. Allen". The signature is written in a cursive style and is enclosed in a light blue rectangular box.

Reporting Station For Jeremy D Allen
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|-----------------------------|

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| SS08 | 2601050-01 | Solid | 01/06/26 10:35 | 01/06/26 16:30 | |
| SS09 | 2601050-02 | Solid | 01/06/26 10:41 | 01/06/26 16:30 | |
| SS10 | 2601050-03 | Solid | 01/06/26 10:45 | 01/06/26 16:30 | |
| SS11 | 2601050-04 | Solid | 01/06/26 10:51 | 01/06/26 16:30 | |
| SS12 | 2601050-05 | Solid | 01/06/26 10:48 | 01/06/26 16:30 | |
| HA01 @ 1' | 2601050-06 | Solid | 01/06/26 13:07 | 01/06/26 16:30 | |
| HA01 @ 2' | 2601050-07 | Solid | 01/06/26 13:19 | 01/06/26 16:30 | |
| HA02 @ 1' | 2601050-08 | Solid | 01/06/26 13:26 | 01/06/26 16:30 | |
| HA02 @ 2' | 2601050-09 | Solid | 01/06/26 13:39 | 01/06/26 16:30 | |

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|------------------------------------|

SS08

2601050-01 (Soil)

Sampled Date: 01/06/26 10:35

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 87.8 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <11.4 | 11.4 | 5.66 | mg/kg dry | 10 | 01/07/26 17:30 | EPA 300.0 | | AWG |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|-----------------------------|

SS09

2601050-02 (Soil)

Sampled Date: 01/06/26 10:41

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 79.8 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <12.5 | 12.5 | 6.23 | mg/kg dry | 10 | 01/07/26 17:55 | EPA 300.0 | | AWG |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|------------------------------------|

SS10

2601050-03 (Soil)

Sampled Date: 01/06/26 10:45

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 86.3 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <11.6 | 11.6 | 5.76 | mg/kg dry | 10 | 01/07/26 18:19 | EPA 300.0 | | AWG |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|------------------------------------|

SS11

2601050-04 (Soil)

Sampled Date: 01/06/26 10:51

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 81.8 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <12.2 | 12.2 | 6.08 | mg/kg dry | 10 | 01/07/26 18:44 | EPA 300.0 | | AWG |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|

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Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|------------------------------------|

SS12

2601050-05 (Soil)

Sampled Date: 01/06/26 10:48

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 85.5 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <11.7 | 11.7 | 5.82 | mg/kg dry | 10 | 01/07/26 19:57 | EPA 300.0 | | AWG |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|-----------------------------|

HA01 @ 1'

2601050-06 (Soil)

Sampled Date: 01/06/26 13:07

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 91.5 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <10.9 | 10.9 | 5.43 | mg/kg dry | 10 | 01/07/26 20:21 | EPA 300.0 | | AWG |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|

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Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|------------------------------------|

HA01 @ 2'

2601050-07 (Soil)

Sampled Date: 01/06/26 13:19

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 91.0 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <11.0 | 11.0 | 5.46 | mg/kg dry | 10 | 01/07/26 20:46 | EPA 300.0 | | AWG |
|-----------|-------|------|------|-----------|----|----------------|-----------|--|-----|

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Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|------------------------------------|

HA02 @ 1'

2601050-08 (Soil)

Sampled Date: 01/06/26 13:26

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 83.2 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 331 | 12.0 | 5.98 | mg/kg dry | 10 | 01/07/26 21:10 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 09:44 |
|---|---|------------------------------------|

HA02 @ 2'

2601050-09 (Soil)

Sampled Date: 01/06/26 13:39

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 82.1 | | | % | 1 | 01/07/26 10:50 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 268 | 12.2 | 6.05 | mg/kg dry | 10 | 01/07/26 21:35 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/09/26 09:44

General Chemistry - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B260049 - General Prep - Wet Chem

Duplicate (B260049-DUP1) Source: 2512321-05 Prepared & Analyzed: 01/07/26

| | | | | | | | | | | |
|--------------|------|--|---|--|------|--|--|-------|----|--|
| % Dry Solids | 93.6 | | % | | 93.9 | | | 0.338 | 20 | |
|--------------|------|--|---|--|------|--|--|-------|----|--|

Soluble (DI Water Extraction) - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B260044 - IC- Ion Chromatograph

Blank (B260044-BLK1) Prepared: 01/06/26 Analyzed: 01/07/26

| | | | | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Chloride | ND | 10.0 | mg/kg wet | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|

LCS (B260044-BS1) Prepared: 01/06/26 Analyzed: 01/07/26

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 230 | 10.0 | mg/kg wet | 250 | | 91.9 | 85-115 | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

LCS Dup (B260044-BSD1) Prepared: 01/06/26 Analyzed: 01/07/26

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|------|----|--|
| Chloride | 227 | 10.0 | mg/kg wet | 250 | | 90.9 | 85-115 | 1.11 | 20 | |
|----------|-----|------|-----------|-----|--|------|--------|------|----|--|

Green Analytical Laboratories

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| | | |
|-----------------|---|------------------|
| Hilcorp | Project: NM Oil and Gas Tests (Ensolum) | |
| 382 CR 3100 | Project Name / Number: San Juan 32-8 #250 | Reported: |
| Aztec NM, 87410 | Project Manager: Kate Kaufman | 01/09/26 09:44 |

Notes and Definitions

- M2 Matrix spike recovery was below laboratory acceptance criteria. Recovery possibly affected by a matrix interference in the sample. The method blank spike recovery was acceptable.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Date/Initials of pers examining contents: _____

Table of Contents _____

Labeled by initials: _____
(if different than above)

SAMPLE CONDITION RECEIPT FORM

Client Name: Hilcorp Energy

Work Order # 2601-050

Courier: Fed Ex UPS USPS Client Kangaroo Third Party Other

Custody Seals on Box/Cooler Present: Yes No Seals Intact: Yes No GAL Cooler #: _____

Thermometer Used: #2 Samples on ice, cooling process has begun: Yes No

Type of Ice: Wet Blue None Cooler Temp: Observed Temp: 11.7 °C Correction Factor: 0 °C Final Temp: 11.7 °C

Temp: _____ °C *Temp should be above freezing 6°C, if multiple readings are taken the lowest temp is the final temp recorded.
Temp: _____ °C
Temp: _____ °C

Compliance: Yes No

| | | |
|---|--|-----------------|
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. |
| COC Signed when Relinquished and Received: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. |
| Sampler Name and Signature on COC: <i>*Required for compliance</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 3. |
| Samples arrived within hold time: <i>(Excluding pH)</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 4. |
| Correct Containers Used & Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| Short Hold Time Analysis (<72hr): <i>(Excluding pH)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 7. <u>2 day</u> |
| Sufficient Volume: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. |
| pH's acceptable upon receipt, where applicable: <i>*Not including metals bottles</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9. |
| Dissolved Testing Needed: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. |
| Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Sample Labels match COC: <i>-Includes Date/Time/ID</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 11. |
| Matrix: | WT <input checked="" type="checkbox"/> SL <input type="checkbox"/> OT | |
| Trip Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| VOA's meet headspace requirement (<6mm bubbles) | <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| Non-Conformance(s): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. |

Client Notification/Resolution:

Date/Time: _____

Person Contacted: _____

Comments/Resolution: _____



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
jeremy.allen@greenanalytical.com

09 January 2026

Kate Kaufman
Hilcorp
382 CR 3100
Aztec, NM 87410
RE: SJ 32-8 #250

Enclosed are the results of analyses for samples received by the laboratory on 01/07/26 14:05. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Reporting Station For Jeremy D Allen
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: SJ 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/09/26 14:45

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| SS13 | 2601067-01 | Solid | 01/07/26 09:51 | 01/07/26 14:05 | |
| SS14 | 2601067-02 | Solid | 01/07/26 09:54 | 01/07/26 14:05 | |
| SS15 | 2601067-03 | Solid | 01/07/26 09:56 | 01/07/26 14:05 | |
| HA03 @ 1' | 2601067-04 | Solid | 01/07/26 10:12 | 01/07/26 14:05 | |
| HA03 @ 2' | 2601067-05 | Solid | 01/07/26 10:19 | 01/07/26 14:05 | |
| HA04 @ 1' | 2601067-06 | Solid | 01/07/26 10:35 | 01/07/26 14:05 | |
| HA04 @ 2' | 2601067-07 | Solid | 01/07/26 10:42 | 01/07/26 14:05 | |
| HA05 @ 1' | 2601067-08 | Solid | 01/07/26 10:58 | 01/07/26 14:05 | |
| HA05 @ 2' | 2601067-09 | Solid | 01/07/26 11:05 | 01/07/26 14:05 | |
| HA05 @ 3' | 2601067-10 | Solid | 01/07/26 12:09 | 01/07/26 14:05 | |

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

SS13

2601067-01 (Soil)

Sampled Date: 01/07/26 09:51

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 84.2 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | <11.9 | 11.9 | 5.90 | mg/kg dry | 10 | 01/08/26 16:14 | EPA 300.0 | | AWG |
|------------------|-------|------|------|-----------|----|----------------|-----------|--|-----|

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

SS14

2601067-02 (Soil)

Sampled Date: 01/07/26 09:54

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 82.2 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 33.0 | 12.2 | 6.05 | mg/kg dry | 10 | 01/08/26 17:27 | EPA 300.0 | | AWG |
|-----------|------|------|------|-----------|----|----------------|-----------|--|-----|

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

SS15

2601067-03 (Soil)

Sampled Date: 01/07/26 09:56

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 80.5 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|------------------|-------------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 22.4 | 12.4 | 6.18 | mg/kg dry | 10 | 01/08/26 17:51 | EPA 300.0 | | AWG |
|------------------|-------------|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

HA03 @ 1'

2601067-04 (Soil)

Sampled Date: 01/07/26 10:12

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 85.4 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 295 | 11.7 | 5.82 | mg/kg dry | 10 | 01/08/26 18:16 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

HA03 @ 2'

2601067-05 (Soil)

Sampled Date: 01/07/26 10:19

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 86.5 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 239 | 11.6 | 5.75 | mg/kg dry | 10 | 01/08/26 18:40 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|-----------------------------|

HA04 @ 1'

2601067-06 (Soil)

Sampled Date: 01/07/26 10:35

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 82.6 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 326 | 12.1 | 6.01 | mg/kg dry | 10 | 01/08/26 19:54 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

HA04 @ 2'

2601067-07 (Soil)

Sampled Date: 01/07/26 10:42

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 82.4 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 248 | 12.1 | 6.03 | mg/kg dry | 10 | 01/08/26 20:18 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

HA05 @ 1'

2601067-08 (Soil)

Sampled Date: 01/07/26 10:58

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 79.5 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 486 | 12.6 | 6.25 | mg/kg dry | 10 | 01/08/26 20:42 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

HA05 @ 2'

2601067-09 (Soil)

Sampled Date: 01/07/26 11:05

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 84.6 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|------------------|------------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 368 | 11.8 | 5.87 | mg/kg dry | 10 | 01/08/26 21:07 | EPA 300.0 | | AWG |
|------------------|------------|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: SJ 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/09/26 14:45 |
|---|---|------------------------------------|

HA05 @ 3'

2601067-10 (Soil)

Sampled Date: 01/07/26 12:09

Sampled By: Ari Schermer & Grace Swanson

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 80.6 | | | % | 1 | 01/08/26 10:25 | EPA 160.3/1684 | | SCE |
|---------------------|-------------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|------------------|------------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 239 | 12.4 | 6.17 | mg/kg dry | 10 | 01/08/26 21:31 | EPA 300.0 | | AWG |
|------------------|------------|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: SJ 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/09/26 14:45

General Chemistry - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch B260061 - General Prep - Wet Chem | | | | | | | | | | |
| Duplicate (B260061-DUP1) Source: 2601066-01 Prepared & Analyzed: 01/08/26 | | | | | | | | | | |
| % Dry Solids | 77.1 | | % | | 76.8 | | | 0.387 | 20 | |
| Duplicate (B260061-DUP2) Source: 2601066-02 Prepared & Analyzed: 01/08/26 | | | | | | | | | | |
| % Dry Solids | 82.7 | | % | | 83.1 | | | 0.454 | 20 | |

Soluble (DI Water Extraction) - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|-----------------|-----------|-------------|---------------|------|-------------|-------|-----------|-------|
| Batch B260060 - IC- Ion Chromatograph | | | | | | | | | | |
| Blank (B260060-BLK1) Prepared: 01/07/26 Analyzed: 01/08/26 | | | | | | | | | | |
| Chloride | ND | 10.0 | mg/kg wet | | | | | | | |
| LCS (B260060-BS1) Prepared: 01/07/26 Analyzed: 01/08/26 | | | | | | | | | | |
| Chloride | 231 | 10.0 | mg/kg wet | 250 | | 92.6 | 85-115 | | | |
| LCS Dup (B260060-BSD1) Prepared: 01/07/26 Analyzed: 01/08/26 | | | | | | | | | | |
| Chloride | 234 | 10.0 | mg/kg wet | 250 | | 93.4 | 85-115 | 0.955 | 20 | |

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: SJ 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/09/26 14:45

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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SAMPLE CONDITION RECEIPT FORM

| | |
|---|-------------------|
| Date/Initials of pers examining contents. | Table of Contents |
| Labeled by initials: (if different than above) | |

Client Name: Hilcorp

Work Order # 2601-067

Courier: Fed Ex UPS USPS Client Kangaroo Third Party Other

Custody Seals on Box/Cooler Present: Yes No Seals Intact: Yes No GAL Cooler #: _____

Thermometer Used: #2 Samples on ice, cooling process has begun: Yes No

Type of Ice: Wet Blue None Cooler Temp: Observed Temp: 5.0 °C Correction Factor: 0.6 °C Final Temp: 4.4 °C

Temp: _____ °C *Temp should be above freezing 6°C, if multiple readings are taken the lowest temp is the final temp recorded.

Temp: _____ °C

Temp: _____ °C

Compliance: Yes No

| | | |
|--|--|-----------------|
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. |
| COC Signed when Relinquished and Received: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. |
| Sampler Name and Signature on COC: *Required for compliance | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 3. |
| Samples arrived within hold time: (Excluding pH) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 4. |
| Correct Containers Used & Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| Short Hold Time Analysis (<72hr): (Excluding pH) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 7. <u>2 day</u> |
| Sufficient Volume: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. |
| pH's acceptable upon receipt, where applicable: *Not including metals bottles | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9. |
| Dissolved Testing Needed: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. |
| Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Sample Labels match COC: -Includes Date/Time/ID | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 11. |
| Matrix: | <input checked="" type="checkbox"/> WT <input type="checkbox"/> SL <input type="checkbox"/> OT | |
| Trip Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| VOA's meet headspace requirement (<6mm bubbles) | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Non-Conformance(s): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. |

Client Notification/Resolution:

Date/Time: _____

Person Contacted: _____

Comments/Resolution: _____



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
jeremy.allen@greenanalytical.com

15 January 2026

Kate Kaufman
Hilcorp
382 CR 3100
Aztec, NM 87410
RE: San Juan 32-8 #250

Enclosed are the results of analyses for samples received by the laboratory on 01/14/26 16:00. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Jeremy D. Allen". The signature is written in a cursive style and is enclosed in a light blue rectangular box.

Reporting Station For Jeremy D Allen
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/15/26 16:24

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received | Notes |
|--------------------|---------------|--------|----------------|----------------|-------|
| Release Point @ 6' | 2601148-01 | Solid | 01/14/26 13:09 | 01/14/26 16:00 | |

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/15/26 16:24 |
|---|---|------------------------------------|

Release Point @ 6'

2601148-01 (Soil)

Sampled Date: 01/14/26 13:09

Sampled By: Ari Schermer

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 86.5 | | | % | 1 | 01/15/26 08:36 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 300 | 11.6 | 5.75 | mg/kg dry | 10 | 01/15/26 13:17 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/15/26 16:24

General Chemistry - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B260133 - General Prep - Wet Chem

Duplicate (B260133-DUP1) Source: 2601148-01 Prepared & Analyzed: 01/15/26

| | | | | | | | | | | |
|--------------|------|--|---|--|------|--|--|-------|----|--|
| % Dry Solids | 86.2 | | % | | 86.5 | | | 0.384 | 20 | |
|--------------|------|--|---|--|------|--|--|-------|----|--|

Soluble (DI Water Extraction) - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B260119 - IC- Ion Chromatograph

Blank (B260119-BLK1) Prepared & Analyzed: 01/15/26

| | | | | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|
| Chloride | ND | 10.0 | mg/kg wet | | | | | | | |
|----------|----|------|-----------|--|--|--|--|--|--|--|

LCS (B260119-BS1) Prepared & Analyzed: 01/15/26

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|
| Chloride | 237 | 10.0 | mg/kg wet | 250 | | 94.7 | 85-115 | | | |
|----------|-----|------|-----------|-----|--|------|--------|--|--|--|

LCS Dup (B260119-BSD1) Prepared & Analyzed: 01/15/26

| | | | | | | | | | | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|
| Chloride | 238 | 10.0 | mg/kg wet | 250 | | 95.0 | 85-115 | 0.409 | 20 | |
|----------|-----|------|-----------|-----|--|------|--------|-------|----|--|

Notes and Definitions

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

Green Analytical Laboratories

Reporting Station For Jeremy D Allen, Laboratory Director

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75 Suttle Street
Durango, CO 81303
(970) 247-4220

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

FORM-006, R 8.0

Note: Wite-Out™ or similar products cannot be used on the Chain of Custody

| | | | | | |
|---|--|--|--|--|--|
| Company or Client: <u>Hilcorp Energy Company</u> | | Bill to (if different): | | ANALYSIS REQUEST | |
| Address: _____ | | State: _____ Zip: _____ | | | |
| City: _____ | | | | | |
| Phone #: _____ | | | | | |
| Contact Person: <u>Kate Kaufman</u> | | | | | |
| Email Report to: <u>kkaufman@hilcorp.com</u> | | | | | |
| Project Name(optional): <u>San Juan 32-8 #250</u> | | P.O. #: _____ | | TAT Needed? _____ | |
| Sampler Name (Print): <u>Art Schaner</u> | | Rush? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | | Matrix (check one) | |
| Lab I.D. <u>2601-148</u> | | Sample Name or Location | | <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> SURFACE WATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> PRODUCED WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> SOIL <input type="checkbox"/> OTHER: _____ | |
| Lab Use Only | | Collected | | # of containers | |
| | | Date | | Time | |
| 1) <u>RELEASE POINT#6</u> | | 1/4/2026 | | 1309 | |
| 2) _____ | | _____ | | _____ | |
| 3) _____ | | _____ | | _____ | |
| 4) _____ | | _____ | | _____ | |
| 5) _____ | | _____ | | _____ | |
| 6) _____ | | _____ | | _____ | |
| 7) _____ | | _____ | | _____ | |
| 8) _____ | | _____ | | _____ | |
| 9) _____ | | _____ | | _____ | |
| 10) _____ | | _____ | | _____ | |

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

| | | | | | |
|------------------------|-----------------------|--------------------|----------------------|----------------------------------|---|
| Relinquished By: _____ | Date: <u>1/4/2026</u> | Received By: _____ | Date: <u>1/14/26</u> | ADDITIONAL REMARKS: | |
| Relinquished By: _____ | Date: <u>16:00</u> | Received By: _____ | Date: <u>16:00</u> | Temperature at receipt: _____ °C | |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | Checked by: _____ | On Ice? <input checked="" type="checkbox"/> N |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | Therm. used: _____ | |

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.



SAMPLE CONDITION RECEIPT FORM

| | |
|---|-------------------------|
| Date/Initials of person examining contents: | 11/14/26 [Signature] |
| Labeled by initials: | _____ |
| (if different than above) | |

Client Name: Hilcorp

Work Order # 2601-148

Courier: Fed Ex UPS USPS Client Kangaroo Third Party Other

Custody Seals on Box/Cooler Present: Yes No Seals Intact: Yes No GAL Cooler #: _____

Thermometer Used: [Signature] Samples on ice, cooling process has begun: Yes No

Type of Ice: Wet Blue None Cooler Temp: Observed Temp: 2.4 °C Correction Factor: 0 °C Final Temp: 2.4 °C

Temp: _____ °C *Temp should be above freezing 6°C, if multiple readings are taken the lowest temp is the final temp recorded.

Temp: _____ °C

Temp: _____ °C

Compliance: Yes No

| | | |
|---|--|----------------|
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. |
| COC Signed when Relinquished and Received: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. |
| Sampler Name and Signature on COC: *Required for compliance | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 3. |
| Samples arrived within hold time: (Excluding pH) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 4. |
| Correct Containers Used & Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| Short Hold Time Analysis (<72hr): (Excluding pH) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 7. <u>ASAP</u> |
| Sufficient Volume: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. |
| pH's acceptable upon receipt, where applicable: *Not including metals bottles | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9. |
| Dissolved Testing Needed: Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. |
| Sample Labels match COC: -Includes Date/Time/ID Matrix: WT <u>SL</u> OT | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 11. |
| Trip Blank Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| VOA's meet headspace requirement (<6mm bubbles) | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Non-Conformance(s): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. |

Client Notification/Resolution:

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____



75 Suttle Street
Durango, CO 81303
970.247.4220 Phone
jeremy.allen@greenanalytical.com

22 January 2026

Kate Kaufman
Hilcorp
382 CR 3100
Aztec, NM 87410
RE: San Juan 32-8 #250

Enclosed are the results of analyses for samples received by the laboratory on 01/16/26 16:40. The data to follow was performed, in whole or in part, by Green Analytical Laboratories. Any data that was performed by a subcontract laboratory is included within the GAL report, or with an additional report attached.

If you need any further assistance, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads 'Jeremy D. Allen'.

Jeremy D Allen
Laboratory Director

All accredited analytes contained in this report are denoted by an asterisk (*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at <http://greenanalytical.com/certifications/>

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water. TNI Certificate Number: TX-C25-00079

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8. TNI Certificate Number: TX-C25-00101

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received | Notes |
|-----------|---------------|--------|----------------|----------------|-------|
| FS01 | 2601173-01 | Solid | 01/16/26 11:13 | 01/16/26 16:40 | |
| FS02 | 2601173-02 | Solid | 01/16/26 11:16 | 01/16/26 16:40 | |
| FS03 | 2601173-03 | Solid | 01/16/26 11:18 | 01/16/26 16:40 | |
| FS04 | 2601173-04 | Solid | 01/16/26 11:21 | 01/16/26 16:40 | |
| FS05 | 2601173-05 | Solid | 01/16/26 11:24 | 01/16/26 16:40 | |
| FS06 | 2601173-06 | Solid | 01/16/26 11:36 | 01/16/26 16:40 | |
| FS07 | 2601173-07 | Solid | 01/16/26 11:38 | 01/16/26 16:40 | |
| FS08 | 2601173-08 | Solid | 01/16/26 11:42 | 01/16/26 16:40 | |
| FS09 | 2601173-09 | Solid | 01/16/26 11:45 | 01/16/26 16:40 | |
| FS10 | 2601173-10 | Solid | 01/16/26 11:49 | 01/16/26 16:40 | |
| FS11 | 2601173-11 | Solid | 01/16/26 11:58 | 01/16/26 16:40 | |
| FS12 | 2601173-12 | Solid | 01/16/26 12:00 | 01/16/26 16:40 | |
| FS13 | 2601173-13 | Solid | 01/16/26 12:03 | 01/16/26 16:40 | |
| FS14 | 2601173-14 | Solid | 01/16/26 12:04 | 01/16/26 16:40 | |
| FS15 | 2601173-15 | Solid | 01/16/26 12:06 | 01/16/26 16:40 | |
| FS16 | 2601173-16 | Solid | 01/16/26 12:07 | 01/16/26 16:40 | |
| FS17 | 2601173-17 | Solid | 01/16/26 12:09 | 01/16/26 16:40 | |
| FS18 | 2601173-18 | Solid | 01/16/26 12:11 | 01/16/26 16:40 | |
| FS19 | 2601173-19 | Solid | 01/16/26 12:12 | 01/16/26 16:40 | |
| FS20 | 2601173-20 | Solid | 01/16/26 12:13 | 01/16/26 16:40 | |

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS01

2601173-01 (Soil)

Sampled Date: 01/16/26 11:13

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 85.6 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|----|-----|
| Chloride* | 316 | 11.7 | 5.81 | mg/kg dry | 10 | 01/20/26 13:47 | EPA 300.0 | M5 | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|----|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 17:51 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 17:51 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 17:51 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 17:51 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 17:51 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 70.4-141 01/20/26 17:51 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:01 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:01 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 20:01 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 128 % 39.9-141 01/20/26 20:01 8015B JF

Surrogate: 1-Chlorooctane 120 % 52.4-130 01/20/26 20:01 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS02

2601173-02 (Soil)

Sampled Date: 01/16/26 11:16

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 75.7 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 538 | 13.2 | 6.57 | mg/kg dry | 10 | 01/20/26 15:00 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:03 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:03 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 18:03 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 18:03 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 18:03 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.4-141 01/20/26 18:03 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:23 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:23 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 20:23 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 107 % 39.9-141 01/20/26 20:23 8015B JF

Surrogate: 1-Chlorooctane 101 % 52.4-130 01/20/26 20:23 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS03

2601173-03 (Soil)

Sampled Date: 01/16/26 11:18

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 78.6 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 457 | 12.7 | 6.32 | mg/kg dry | 10 | 01/20/26 15:24 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:14 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:14 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 18:14 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 18:14 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 18:14 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 70.4-141 01/20/26 18:14 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:44 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:44 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 20:44 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 106 % 39.9-141 01/20/26 20:44 8015B JF

Surrogate: 1-Chlorooctane 100 % 52.4-130 01/20/26 20:44 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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| | | |
|---|--|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolium) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/22/26 08:52 |
|---|--|-----------------------------|

FS04

2601173-04 (Soil)

Sampled Date: 01/16/26 11:21

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 83.9 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 353 | 11.9 | 5.92 | mg/kg dry | 10 | 01/20/26 15:49 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:25 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:25 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 18:25 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 18:25 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 18:25 | 8021B | | JH |

| | | | | | | | | | |
|---------------------------------------|--|--------|----------|--|--|----------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene (PID) | | 95.9 % | 70.4-141 | | | 01/20/26 18:25 | 8021B | | JH |
|---------------------------------------|--|--------|----------|--|--|----------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 21:06 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 21:06 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 21:06 | 8015B | | JF |

| | | | | | | | | | |
|-------------------------------|--|--------|----------|--|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane | | 97.2 % | 39.9-141 | | | 01/20/26 21:06 | 8015B | | JF |
|-------------------------------|--|--------|----------|--|--|----------------|-------|--|----|

| | | | | | | | | | |
|---------------------------|--|--------|----------|--|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctane | | 90.3 % | 52.4-130 | | | 01/20/26 21:06 | 8015B | | JF |
|---------------------------|--|--------|----------|--|--|----------------|-------|--|----|

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS05

2601173-05 (Soil)

Sampled Date: 01/16/26 11:24

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 83.1 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 229 | 12.0 | 5.98 | mg/kg dry | 10 | 01/20/26 16:13 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:36 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:36 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 18:36 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 18:36 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 18:36 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.4-141 01/20/26 18:36 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 21:27 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 21:27 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 21:27 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 88.6 % 39.9-141 01/20/26 21:27 8015B JF

Surrogate: 1-Chlorooctane 84.9 % 52.4-130 01/20/26 21:27 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS06

2601173-06 (Soil)

Sampled Date: 01/16/26 11:36

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 85.6 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 289 | 11.7 | 5.81 | mg/kg dry | 10 | 01/20/26 17:26 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:47 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:47 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 18:47 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 18:47 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 18:47 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 70.4-141 01/20/26 18:47 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 21:48 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 21:48 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 21:48 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 90.5 % 39.9-141 01/20/26 21:48 8015B JF

Surrogate: 1-Chlorooctane 86.1 % 52.4-130 01/20/26 21:48 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS07

2601173-07 (Soil)

Sampled Date: 01/16/26 11:38

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 79.7 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 449 | 12.5 | 6.24 | mg/kg dry | 10 | 01/20/26 17:51 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:58 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 18:58 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 18:58 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 18:58 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 18:58 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 70.4-141 01/20/26 18:58 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 22:09 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 22:09 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 22:09 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 92.0 % 39.9-141 01/20/26 22:09 8015B JF

Surrogate: 1-Chlorooctane 87.6 % 52.4-130 01/20/26 22:09 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS08

2601173-08 (Soil)

Sampled Date: 01/16/26 11:42

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 84.6 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 229 | 11.8 | 5.87 | mg/kg dry | 10 | 01/20/26 18:15 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:09 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:09 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 19:09 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 19:09 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 19:09 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 70.4-141 01/20/26 19:09 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 22:31 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 22:31 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 22:31 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 107 % 39.9-141 01/20/26 22:31 8015B JF

Surrogate: 1-Chlorooctane 101 % 52.4-130 01/20/26 22:31 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS09

2601173-09 (Soil)

Sampled Date: 01/16/26 11:45

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 85.7 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 95.2 | 11.7 | 5.80 | mg/kg dry | 10 | 01/20/26 18:40 | EPA 300.0 | | AWG |
|-----------|------|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:21 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:21 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 19:21 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 19:21 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 19:21 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 70.4-141 01/20/26 19:21 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 22:52 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 22:52 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 22:52 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 105 % 39.9-141 01/20/26 22:52 8015B JF

Surrogate: 1-Chlorooctane 99.2 % 52.4-130 01/20/26 22:52 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS10

2601173-10 (Soil)

Sampled Date: 01/16/26 11:49

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 86.5 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|------|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 65.3 | 11.6 | 5.75 | mg/kg dry | 10 | 01/20/26 19:04 | EPA 300.0 | | AWG |
|-----------|------|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:32 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:32 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 19:32 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 19:32 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 19:32 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.4-141 01/20/26 19:32 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 23:13 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 23:13 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 23:13 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 106 % 39.9-141 01/20/26 23:13 8015B JF

Surrogate: 1-Chlorooctane 101 % 52.4-130 01/20/26 23:13 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS11

2601173-11 (Soil)

Sampled Date: 01/16/26 11:58

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 83.1 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 347 | 12.0 | 5.98 | mg/kg dry | 10 | 01/20/26 19:28 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:43 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:43 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 19:43 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 19:43 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 19:43 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.4-141 01/20/26 19:43 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 23:36 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 23:36 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 23:36 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 98.6 % 39.9-141 01/20/26 23:36 8015B JF

Surrogate: 1-Chlorooctane 93.8 % 52.4-130 01/20/26 23:36 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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| | | |
|---|--|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolium) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/22/26 08:52 |
|---|--|-----------------------------|

FS12

2601173-12 (Soil)

Sampled Date: 01/16/26 12:00

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 89.0 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 147 | 11.2 | 5.58 | mg/kg dry | 10 | 01/20/26 20:42 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:54 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 19:54 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 19:54 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 19:54 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 19:54 | 8021B | | JH |

| | | | | | | | | | |
|---------------------------------------|--|--|--------|----------|--|----------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 99.5 % | 70.4-141 | | 01/20/26 19:54 | 8021B | | JH |
|---------------------------------------|--|--|--------|----------|--|----------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 23:57 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 23:57 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 23:57 | 8015B | | JF |

| | | | | | | | | | |
|-------------------------------|--|--|-------|----------|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane | | | 101 % | 39.9-141 | | 01/20/26 23:57 | 8015B | | JF |
|-------------------------------|--|--|-------|----------|--|----------------|-------|--|----|

| | | | | | | | | | |
|---------------------------|--|--|--------|----------|--|----------------|-------|--|----|
| Surrogate: 1-Chlorooctane | | | 96.5 % | 52.4-130 | | 01/20/26 23:57 | 8015B | | JF |
|---------------------------|--|--|--------|----------|--|----------------|-------|--|----|

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS13

2601173-13 (Soil)

Sampled Date: 01/16/26 12:03

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 83.0 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 240 | 12.0 | 5.99 | mg/kg dry | 10 | 01/20/26 21:06 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:05 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:05 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 20:05 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 20:05 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 20:05 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 70.4-141 01/20/26 20:05 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/21/26 00:19 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/21/26 00:19 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/21/26 00:19 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 101 % 39.9-141 01/21/26 00:19 8015B JF

Surrogate: 1-Chlorooctane 96.4 % 52.4-130 01/21/26 00:19 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS14

2601173-14 (Soil)

Sampled Date: 01/16/26 12:04

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 73.8 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 399 | 13.6 | 6.74 | mg/kg dry | 10 | 01/20/26 22:20 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:16 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:16 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 20:16 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 20:16 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 20:16 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.4-141 01/20/26 20:16 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 18:45 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 18:45 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 18:45 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 93.4 % 39.9-141 01/20/26 18:45 8015B JF

Surrogate: 1-Chlorooctane 92.5 % 52.4-130 01/20/26 18:45 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS15

2601173-15 (Soil)

Sampled Date: 01/16/26 12:06

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 83.1 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 274 | 12.0 | 5.98 | mg/kg dry | 10 | 01/20/26 22:44 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:27 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:27 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 20:27 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 20:27 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 20:27 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 70.4-141 01/20/26 20:27 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:03 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:03 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 19:03 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 92.2 % 39.9-141 01/20/26 19:03 8015B JF

Surrogate: 1-Chlorooctane 90.8 % 52.4-130 01/20/26 19:03 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS16

2601173-16 (Soil)

Sampled Date: 01/16/26 12:07

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 80.9 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 137 | 12.4 | 6.15 | mg/kg dry | 10 | 01/20/26 23:09 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:38 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:38 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 20:38 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 20:38 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 20:38 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.4-141 01/20/26 20:38 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:20 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:20 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 19:20 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 91.5 % 39.9-141 01/20/26 19:20 8015B JF

Surrogate: 1-Chlorooctane 89.8 % 52.4-130 01/20/26 19:20 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolium)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

FS17

2601173-17 (Soil)

Sampled Date: 01/16/26 12:09

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 88.6 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 194 | 11.3 | 5.61 | mg/kg dry | 10 | 01/20/26 23:33 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:49 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 20:49 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 20:49 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 20:49 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 20:49 | 8021B | | JH |

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.4-141 01/20/26 20:49 8021B JH

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:38 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:38 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 19:38 | 8015B | | JF |

Surrogate: 1-Chlorooctadecane 91.4 % 39.9-141 01/20/26 19:38 8015B JF

Surrogate: 1-Chlorooctane 90.4 % 52.4-130 01/20/26 19:38 8015B JF

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

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| | | |
|---|---|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/22/26 08:52 |
|---|---|-----------------------------|

FS18

2601173-18 (Soil)

Sampled Date: 01/16/26 12:11

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 89.1 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 159 | 11.2 | 5.58 | mg/kg dry | 10 | 01/20/26 23:58 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|---------------------------------------|--------|-------|--------|----------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 21:00 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 21:00 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 21:00 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 21:00 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 21:00 | 8021B | | JH |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.2 % | 70.4-141 | | 01/20/26 21:00 | 8021B | | JH |

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|-------------------------------|-------|------|--------|----------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:55 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 19:55 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 19:55 | 8015B | | JF |
| Surrogate: 1-Chlorooctadecane | | | 93.5 % | 39.9-141 | | 01/20/26 19:55 | 8015B | | JF |
| Surrogate: 1-Chlorooctane | | | 92.4 % | 52.4-130 | | 01/20/26 19:55 | 8015B | | JF |

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| | | |
|---|--|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolium) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/22/26 08:52 |
|---|--|-----------------------------|

FS19

2601173-19 (Soil)

Sampled Date: 01/16/26 12:12

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 88.8 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 196 | 11.3 | 5.60 | mg/kg dry | 10 | 01/21/26 00:22 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|-----------------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 21:11 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/20/26 21:11 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/20/26 21:11 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/20/26 21:11 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/20/26 21:11 | 8021B | | JH |

| | | | | | | |
|---------------------------------------|--------|----------|--|-------------------|-------|----|
| Surrogate: 4-Bromofluorobenzene (PID) | 95.2 % | 70.4-141 | | 01/20/26 21:11 | 8021B | JH |
|---------------------------------------|--------|----------|--|-------------------|-------|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:13 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:13 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 20:13 | 8015B | | JF |

| | | | | | | |
|-------------------------------|--------|----------|--|-------------------|-------|----|
| Surrogate: 1-Chlorooctadecane | 91.6 % | 39.9-141 | | 01/20/26 20:13 | 8015B | JF |
|-------------------------------|--------|----------|--|-------------------|-------|----|

| | | | | | | |
|---------------------------|--------|----------|--|-------------------|-------|----|
| Surrogate: 1-Chlorooctane | 90.6 % | 52.4-130 | | 01/20/26 20:13 | 8015B | JF |
|---------------------------|--------|----------|--|-------------------|-------|----|

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| | | |
|---|--|-----------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolium) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/22/26 08:52 |
|---|--|-----------------------------|

FS20

2601173-20 (Soil)

Sampled Date: 01/16/26 12:13

Sampled By:

| Analyte | Result | RL | MDL | Units | Dilution | Analyzed | Method | Notes | Analyst |
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|
|---------|--------|----|-----|-------|----------|----------|--------|-------|---------|

General Chemistry

| | | | | | | | | | |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|
| % Dry Solids | 88.2 | | | % | 1 | 01/19/26 09:59 | EPA 160.3/1684 | | SCE |
|--------------|------|--|--|---|---|----------------|----------------|--|-----|

Soluble (DI Water Extraction)

| | | | | | | | | | |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|
| Chloride* | 161 | 11.3 | 5.64 | mg/kg dry | 10 | 01/21/26 00:46 | EPA 300.0 | | AWG |
|-----------|-----|------|------|-----------|----|----------------|-----------|--|-----|

Subcontracted -- Cardinal Laboratories 101 East Marland Hobbs, NM 88240

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|-------|----|----------------|-------|--|----|
| Benzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/21/26 10:02 | 8021B | | JH |
| Ethylbenzene* | <0.050 | 0.050 | 0.011 | mg/kg | 50 | 01/21/26 10:02 | 8021B | | JH |
| Toluene* | <0.050 | 0.050 | 0.009 | mg/kg | 50 | 01/21/26 10:02 | 8021B | | JH |
| Total BTEX | <0.300 | 0.300 | 0.062 | mg/kg | 50 | 01/21/26 10:02 | 8021B | | JH |
| Total Xylenes* | <0.150 | 0.150 | 0.032 | mg/kg | 50 | 01/21/26 10:02 | 8021B | | JH |

| | | | | | | | | | |
|---------------------------------------|--|-------|----------|--|--|-------------------|-------|--|----|
| Surrogate: 4-Bromofluorobenzene (PID) | | 107 % | 70.4-141 | | | 01/21/26 10:02 | 8021B | | JH |
|---------------------------------------|--|-------|----------|--|--|-------------------|-------|--|----|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|------|-------|---|----------------|-------|--|----|
| DRO >C10-C28* | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:31 | 8015B | | JF |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 4.26 | mg/kg | 1 | 01/20/26 20:31 | 8015B | | JF |
| GRO C6-C10* | <10.0 | 10.0 | 6.25 | mg/kg | 1 | 01/20/26 20:31 | 8015B | | JF |

| | | | | | | | | | |
|-------------------------------|--|--------|----------|--|--|-------------------|-------|--|----|
| Surrogate: 1-Chlorooctadecane | | 85.2 % | 39.9-141 | | | 01/20/26 20:31 | 8015B | | JF |
|-------------------------------|--|--------|----------|--|--|-------------------|-------|--|----|

| | | | | | | | | | |
|---------------------------|--|--------|----------|--|--|-------------------|-------|--|----|
| Surrogate: 1-Chlorooctane | | 85.2 % | 52.4-130 | | | 01/20/26 20:31 | 8015B | | JF |
|---------------------------|--|--------|----------|--|--|-------------------|-------|--|----|

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| | | |
|---|---|------------------------------------|
| Hilcorp 382 CR 3100 Aztec NM, 87410 | Project: NM Oil and Gas Tests (Ensolum) Project Name / Number: San Juan 32-8 #250 Project Manager: Kate Kaufman | Reported: 01/22/26 08:52 |
|---|---|------------------------------------|

General Chemistry - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B260151 - General Prep - Wet Chem

| | | | | | | | | | | |
|---------------------------------|------|---------------------------|---|-------------------------------|------|--|--|------|----|--|
| Duplicate (B260151-DUP1) | | Source: 2601173-01 | | Prepared & Analyzed: 01/19/26 | | | | | | |
| % Dry Solids | 84.5 | | % | | 85.6 | | | 1.23 | 20 | |
| Duplicate (B260151-DUP2) | | Source: 2601173-02 | | Prepared & Analyzed: 01/19/26 | | | | | | |
| % Dry Solids | 77.0 | | % | | 75.7 | | | 1.68 | 20 | |

Soluble (DI Water Extraction) - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B260156 - IC- Ion Chromatograph

| | | | | | | | | | | |
|-------------------------------|-----|---------------------------------------|-----------|-----|--|------|--------|------|----|--|
| Blank (B260156-BLK1) | | Prepared: 01/19/26 Analyzed: 01/20/26 | | | | | | | | |
| Chloride | ND | 10.0 | mg/kg wet | | | | | | | |
| LCS (B260156-BS1) | | Prepared: 01/19/26 Analyzed: 01/20/26 | | | | | | | | |
| Chloride | 228 | 10.0 | mg/kg wet | 250 | | 91.1 | 85-115 | | | |
| LCS Dup (B260156-BSD1) | | Prepared: 01/19/26 Analyzed: 01/20/26 | | | | | | | | |
| Chloride | 235 | 10.0 | mg/kg wet | 250 | | 94.0 | 85-115 | 3.18 | 20 | |

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

Volatile Organic Compounds by EPA Method 8021 - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6012017 - Volatiles

Blank (6012017-BLK1)

Prepared & Analyzed: 01/20/26

| | | | | | | | | | | |
|---------------------------------------|----|-------|-------|--------|--|------|----------|--|--|--|
| Surrogate: 4-Bromofluorobenzene (PID) | ND | | mg/kg | 0.0500 | | 96.1 | 70.4-141 | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |

LCS (6012017-BS1)

Prepared & Analyzed: 01/20/26

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|--|--|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0470 | | mg/kg | 0.0500 | | 93.9 | 70.4-141 | | | |
| Benzene | 1.78 | 0.050 | mg/kg | 2.00 | | 89.0 | 71-111 | | | |
| Ethylbenzene | 1.83 | 0.050 | mg/kg | 2.00 | | 91.4 | 74.2-119 | | | |
| m,p-Xylene | 3.61 | 0.100 | mg/kg | 4.00 | | 90.2 | 72.5-123 | | | |
| o-Xylene | 1.82 | 0.050 | mg/kg | 2.00 | | 90.9 | 70.5-124 | | | |
| Toluene | 1.84 | 0.050 | mg/kg | 2.00 | | 92.1 | 75-116 | | | |
| Total Xylenes | 5.43 | 0.150 | mg/kg | 6.00 | | 90.4 | 72.2-123 | | | |

LCS Dup (6012017-BSD1)

Prepared & Analyzed: 01/20/26

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|------|------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0467 | | mg/kg | 0.0500 | | 93.4 | 70.4-141 | | | |
| Benzene | 1.83 | 0.050 | mg/kg | 2.00 | | 91.3 | 71-111 | 2.45 | 17.6 | |
| Ethylbenzene | 1.86 | 0.050 | mg/kg | 2.00 | | 92.8 | 74.2-119 | 1.51 | 14.2 | |
| m,p-Xylene | 3.66 | 0.100 | mg/kg | 4.00 | | 91.6 | 72.5-123 | 1.51 | 13.6 | |
| o-Xylene | 1.85 | 0.050 | mg/kg | 2.00 | | 92.3 | 70.5-124 | 1.54 | 13.7 | |
| Toluene | 1.86 | 0.050 | mg/kg | 2.00 | | 93.2 | 75-116 | 1.19 | 14.8 | |
| Total Xylenes | 5.51 | 0.150 | mg/kg | 6.00 | | 91.8 | 72.2-123 | 1.52 | 13.3 | |

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

Petroleum Hydrocarbons by GC FID - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6011916 - General Prep - Organics

Blank (6011916-BLK1)

Prepared: 01/19/26 Analyzed: 01/20/26

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 47.9 | | mg/kg | 50.0 | | 95.8 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 45.3 | | mg/kg | 50.0 | | 90.5 | 52.4-130 | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |

LCS (6011916-BS1)

Prepared: 01/19/26 Analyzed: 01/20/26

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 55.5 | | mg/kg | 50.0 | | 111 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 52.2 | | mg/kg | 50.0 | | 104 | 52.4-130 | | | |
| DRO >C10-C28 | 182 | 10.0 | mg/kg | 200 | | 90.8 | 74.8-123 | | | |
| GRO C6-C10 | 187 | 10.0 | mg/kg | 200 | | 93.5 | 78.7-123 | | | |
| Total TPH C6-C28 | 369 | 10.0 | mg/kg | 400 | | 92.2 | 78.6-121 | | | |

LCS Dup (6011916-BSD1)

Prepared: 01/19/26 Analyzed: 01/20/26

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|-------|------|--|
| Surrogate: 1-Chlorooctadecane | 52.5 | | mg/kg | 50.0 | | 105 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 49.8 | | mg/kg | 50.0 | | 99.6 | 52.4-130 | | | |
| DRO >C10-C28 | 179 | 10.0 | mg/kg | 200 | | 89.7 | 74.8-123 | 1.22 | 10.9 | |
| GRO C6-C10 | 188 | 10.0 | mg/kg | 200 | | 94.0 | 78.7-123 | 0.487 | 11.3 | |
| Total TPH C6-C28 | 367 | 10.0 | mg/kg | 400 | | 91.8 | 78.6-121 | 0.350 | 10.5 | |

Batch 6012020 - General Prep - Organics

Blank (6012020-BLK1)

Prepared & Analyzed: 01/20/26

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 43.2 | | mg/kg | 50.0 | | 86.4 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 42.2 | | mg/kg | 50.0 | | 84.4 | 52.4-130 | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |

LCS (6012020-BS1)

Prepared & Analyzed: 01/20/26

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 50.8 | | mg/kg | 50.0 | | 102 | 39.9-141 | | | |
| Surrogate: 1-Chlorooctane | 49.9 | | mg/kg | 50.0 | | 99.7 | 52.4-130 | | | |
| DRO >C10-C28 | 188 | 10.0 | mg/kg | 200 | | 94.2 | 74.8-123 | | | |
| GRO C6-C10 | 200 | 10.0 | mg/kg | 200 | | 100 | 78.7-123 | | | |
| Total TPH C6-C28 | 389 | 10.0 | mg/kg | 400 | | 97.2 | 78.6-121 | | | |

LCS Dup (6012020-BSD1)

Prepared & Analyzed: 01/20/26

| | | | | | | | | | | |
|-------------------------------|------|--|-------|------|--|------|----------|--|--|--|
| Surrogate: 1-Chlorooctadecane | 48.7 | | mg/kg | 50.0 | | 97.5 | 39.9-141 | | | |
|-------------------------------|------|--|-------|------|--|------|----------|--|--|--|

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Jeremy D Allen, Laboratory Director

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Hilcorp
382 CR 3100
Aztec NM, 87410

Project: NM Oil and Gas Tests (Ensolum)
Project Name / Number: San Juan 32-8 #250
Project Manager: Kate Kaufman

Reported:
01/22/26 08:52

**Petroleum Hydrocarbons by GC FID - Quality Control
(Continued)**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch 6012020 - General Prep - Organics (Continued)

LCS Dup (6012020-BSD1) (Continued)

Prepared & Analyzed: 01/20/26

| | | | | | | | | | | |
|---------------------------|------|------|-------|------|--|------|----------|------|------|--|
| Surrogate: 1-Chlorooctane | 47.2 | | mg/kg | 50.0 | | 94.4 | 52.4-130 | | | |
| DRO >C10-C28 | 194 | 10.0 | mg/kg | 200 | | 97.2 | 74.8-123 | 3.11 | 10.9 | |
| GRO C6-C10 | 203 | 10.0 | mg/kg | 200 | | 102 | 78.7-123 | 1.61 | 11.3 | |
| Total TPH C6-C28 | 398 | 10.0 | mg/kg | 400 | | 99.5 | 78.6-121 | 2.34 | 10.5 | |

Notes and Definitions

- M5 Sample was chosen for matrix spike. Spike recovery did not meet laboratory acceptance criteria, possible matrix interference in sample.
- M2 Matrix spike recovery was below laboratory acceptance criteria. Recovery possibly affected by a matrix interference in the sample. The method blank spike recovery was acceptable.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
*Results reported on as received basis unless designated as dry.
- RPD Relative Percent Difference
- LCS Laboratory Control Sample (Blank Spike)
- RL Report Limit
- MDL Method Detection Limit

Green Analytical Laboratories

Jeremy D Allen, Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. In no event shall Green Analytical Laboratories be liable for incidental or consequential damages. GALs liability, and clients exclusive remedy for any claim arising, 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 within thirty days after completion of the applicable service.



75 Suttle Street
Durango, CO 81303
(970) 247-4220

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
FORM-006, R 8.0

Note: Write-Out™ or similar products cannot be used on the Chain of Custody

Company or Client: Alkorp Energy Company
 Address: _____ State: _____ Zip: _____
 City: _____

Phone #: _____
 Contact Person: Kate Kaufman
 Email Report to: kkaufman@alkorp.com
 Project Name(optional): San Juan 32-8 #280

Sampler Name (Print): _____
 P.O. #: _____
 Rush? Y N
 TAT Needed? 2 DAY

| Lab I.D. Lab Use Only | Sample Name or Location | Collected | | Matrix (check one) | | | | | | | # of containers | ANALYSIS REQUEST | |
|--------------------------|-------------------------|----------------|-------------|-------------------------------------|---------------|------------|----------------|----------------|------|--------|-----------------|------------------|--|
| | | Date | Time | GROUNDWATER | SURFACE WATER | WASTEWATER | PRODUCED WATER | DRINKING WATER | SOIL | OTHER: | | | |
| <u>2601-173</u> | | | | | | | | | | | | | |
| <u>01</u> | <u>FS01</u> | <u>1/16/26</u> | <u>1113</u> | <input checked="" type="checkbox"/> | | | | | | | <u>2</u> | | |
| <u>02</u> | <u>FS02</u> | <u>1/16/26</u> | <u>1116</u> | | | | | | | | <u>2</u> | | |
| <u>03</u> | <u>FS03</u> | <u>1/16/26</u> | <u>1118</u> | | | | | | | | <u>2</u> | | |
| <u>04</u> | <u>FS04</u> | <u>1/16/26</u> | <u>1121</u> | | | | | | | | <u>2</u> | | |
| <u>05</u> | <u>FS05</u> | <u>1/16/26</u> | <u>1124</u> | | | | | | | | <u>2</u> | | |
| <u>06</u> | <u>FS06</u> | <u>1/16/26</u> | <u>1136</u> | | | | | | | | <u>2</u> | | |
| <u>07</u> | <u>FS07</u> | <u>1/16/26</u> | <u>1138</u> | | | | | | | | <u>2</u> | | |
| <u>08</u> | <u>FS08</u> | <u>1/16/26</u> | <u>1142</u> | | | | | | | | <u>2</u> | | |
| <u>09</u> | <u>FS09</u> | <u>1/16/26</u> | <u>1145</u> | | | | | | | | <u>2</u> | | |
| <u>10</u> | <u>FS10</u> | <u>1/16/26</u> | <u>1149</u> | | | | | | | | <u>2</u> | | |

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| | | | | |
|-------------------------------------|----------------------|---------------------------------|----------------------|--|
| Relinquished By: <u>[Signature]</u> | Date: <u>1/16/26</u> | Received By: <u>[Signature]</u> | Date: <u>1/16/26</u> | ADDITIONAL REMARKS: <u>cc: shyde@ensolum.com</u> |
| Relinquished By: _____ | Date: <u>1/16/26</u> | Received By: _____ | Date: <u>1/16/26</u> | <u>aschermer@ensolum.com</u> |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | Temperature at receipt: <u>6.9</u> °C |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | Checked by: <u>[Signature]</u> |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | Therm. used: <u>[Signature]</u> |

* GAL cannot accept verbal changes. Please email changes to receiving@greenanalytical.com
 † Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.



75 Suttle Street
Durango, CO 81303
(970) 247-4220

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
FORM-006, R 8.0

Note: Wite-Out™ or similar products cannot be used on the Chain of Custody

| | | | | | | | | | | | | | | | |
|---|--|---|--|-------------------------------------|--|-------------------------------------|--|-------------------------------------|--|--|--|--|--|-----------------------------|--|
| Company or Client: <u>Wite-Out Energy Company</u> | | Address: <u>Wite-Out Energy Company</u> | | City: _____ State: _____ Zip: _____ | | Phone #: _____ | | Contact Person: <u>Kate Kaufman</u> | | Email Report to: <u>kkaufman@witeout.com</u> | | Project Name(Optional): <u>San Juan 328 #750</u> | | Sampler Name (Print): _____ | |
| Lab I.D. <u>2601-173</u> | | Sample Name or Location | | Collected | | Matrix (check one) | | # of containers | | P.O. #: _____ | | Rush? <input checked="" type="radio"/> Y <input type="radio"/> N | | TAT Needed? <u>2 DAY</u> | |
| 1) FS11 | | Date: <u>1/6/26</u> Time: <u>1158</u> | | GROUNDWATER | | <input checked="" type="checkbox"/> | | No preservation | | TPH, BTEX, CI- | | | | | |
| 2) FS12 | | Date: <u>1/6/26</u> Time: <u>1200</u> | | SURFACE WATER | | <input type="checkbox"/> | | Nitric Acid | | | | | | | |
| 3) FS13 | | Date: <u>1/6/26</u> Time: <u>1203</u> | | WASTEWATER | | <input type="checkbox"/> | | Hydrochloric Acid | | | | | | | |
| 4) FS14 | | Date: <u>1/6/26</u> Time: <u>1204</u> | | PRODUCED WATER | | <input type="checkbox"/> | | Sulfuric Acid | | | | | | | |
| 5) FS15 | | Date: <u>1/6/26</u> Time: <u>1206</u> | | DRINKING WATER | | <input type="checkbox"/> | | Sodium Hydroxide | | | | | | | |
| 6) FS16 | | Date: <u>1/6/26</u> Time: <u>1207</u> | | OTHER: | | <input type="checkbox"/> | | OTHER: | | | | | | | |
| 7) FS17 | | Date: <u>1/6/26</u> Time: <u>1209</u> | | OTHER: | | <input type="checkbox"/> | | | | | | | | | |
| 8) FS18 | | Date: <u>1/6/26</u> Time: <u>1211</u> | | OTHER: | | <input type="checkbox"/> | | | | | | | | | |
| 9) FS19 | | Date: <u>1/6/26</u> Time: <u>1212</u> | | OTHER: | | <input type="checkbox"/> | | | | | | | | | |
| 10) FS20 | | Date: <u>1/6/26</u> Time: <u>1213</u> | | OTHER: | | <input type="checkbox"/> | | | | | | | | | |

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| | | | | | |
|-------------------------------------|---------------------|---------------------------------|---------------------|--|--|
| Relinquished By: <u>[Signature]</u> | Date: <u>1/6/26</u> | Received By: <u>[Signature]</u> | Date: <u>1/6/26</u> | ADDITIONAL REMARKS: <u>cc: shyde@ensolum.com</u> | |
| Relinquished By: <u>[Signature]</u> | Date: <u>1/6/26</u> | Received By: <u>[Signature]</u> | Date: <u>1/6/26</u> | Temperature at receipt: <u>6.9</u> °C | |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | Checked by: <u>[Signature]</u> | On Ice? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| Relinquished By: _____ | Date: _____ | Received By: _____ | Date: _____ | Therm. used: <u>[Signature]</u> | |

* Chain of Custody must be signed in "Relinquished By:" as an acceptance of services and all applicable charges.



Date/Initials of person examining contents: MKL 1-16-26
Labeled by initials: _____
(if different than above)

SAMPLE CONDITION RECEIPT FORM

Client Name: Hilcorp

Work Order # 2601-173

Courier: Fed Ex UPS USPS Client Kangaroo Third Party Other

Custody Seals on Box/Cooler Present: Yes No Seals Intact: Yes No GAL Cooler #: _____

Thermometer Used: #2 Samples on ice, cooling process has begun: Yes No

Type of Ice: Wet Blue None Cooler Temp: Observed Temp 6.9 °C Correction Factor: 0.0 °C Final Temp: 6.9 °C

Temp: _____ °C *Temp should be above freezing 6°C, if multiple readings are taken the lowest temp is the final temp recorded.
Temp: _____ °C
Temp: _____ °C

Compliance: Yes No

| | | |
|---|--|-----------------|
| Chain of Custody Filled Out: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 1. |
| COC Signed when Relinquished and Received: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. |
| Sampler Name and Signature on COC: <i>*Required for compliance</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 3. |
| Samples arrived within hold time: <i>(Excluding pH)</i> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 4. |
| Correct Containers Used & Intact: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 5. |
| Short Hold Time Analysis (<72hr): <i>(Excluding pH)</i> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 6. |
| Rush Turn Around Time Requested: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 7. <u>2 day</u> |
| Sufficient Volume: | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 8. |
| pH's acceptable upon receipt, where applicable: <i>*Not including metals bottles</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | 9. |
| Dissolved Testing Needed: Field Filtered: <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 10. |
| Sample Labels match COC: -Includes Date/Time/ID Matrix: WT SL OT | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 11. |
| Trip Blank Present: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | 12. |
| Trip Blank Custody Seals Present: | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | |
| VOA's meet headspace requirement (<6mm bubbles) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | |
| Non-Conformance(s): | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 13. |

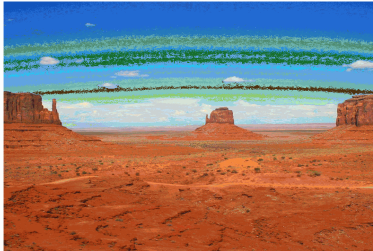
Client Notification/Resolution:

Person Contacted: _____

Date/Time: _____

Comments/Resolution: _____

Report to:
Kate Kaufman



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: San Juan 32-8 #250

Work Order: E601285

Job Number: 17051-0002

Received: 1/30/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/3/26

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 2/3/26

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 32-8 #250
Workorder: E601285
Date Received: 1/30/2026 12:59:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/30/2026 12:59:00PM, under the Project Name: San Juan 32-8 #250.

The analytical test results summarized in this report with the Project Name: San Juan 32-8 #250 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|--|---|------------------------------------|
| Hilcorp Energy Co PO Box 61529 Houston TX, 77208 | Project Name: San Juan 32-8 #250 Project Number: 17051-0002 Project Manager: Kate Kaufman | Reported: 02/03/26 09:49 |
|--|---|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SP Composite | E601285-01A | Soil | 01/23/26 | 01/30/26 | Glass Jar, 4 oz. |



Sample Data

| | | |
|--|---|--|
| Hilcorp Energy Co PO Box 61529 Houston TX, 77208 | Project Name: San Juan 32-8 #250 Project Number: 17051-0002 Project Manager: Kate Kaufman | Reported: 2/3/2026 9:49:36AM |
|--|---|--|

SP Composite
E601285-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2605117 |
| Benzene | ND | 0.0250 | 1 | 01/30/26 | 01/31/26 | |
| Ethylbenzene | ND | 0.0250 | 1 | 01/30/26 | 01/31/26 | |
| Toluene | ND | 0.0250 | 1 | 01/30/26 | 01/31/26 | |
| o-Xylene | ND | 0.0250 | 1 | 01/30/26 | 01/31/26 | |
| p,m-Xylene | ND | 0.0500 | 1 | 01/30/26 | 01/31/26 | |
| Total Xylenes | ND | 0.0250 | 1 | 01/30/26 | 01/31/26 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 99.0 % | 70-130 | 01/30/26 | 01/31/26 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: MB | | Batch: 2605117 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 01/30/26 | 01/31/26 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 123 % | 70-130 | 01/30/26 | 01/31/26 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2606003 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/02/26 | 02/02/26 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/02/26 | 02/02/26 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 97.3 % | 61-141 | 02/02/26 | 02/02/26 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: TP | | Batch: 2605118 |
| Chloride | 22.8 | 20.0 | 1 | 01/30/26 | 01/30/26 | |



QC Summary Data

| | | |
|--|---|--|
| Hilcorp Energy Co PO Box 61529 Houston TX, 77208 | Project Name: San Juan 32-8 #250 Project Number: 17051-0002 Project Manager: Kate Kaufman | Reported: 2/3/2026 9:49:36AM |
|--|---|--|

Volatile Organics by EPA 8021B

Analyst: MB

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2605117-BLK1)

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.89 | | 8.00 | | 98.7 | 70-130 | | | |

LCS (2605117-BS1)

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 3.68 | 0.0250 | 5.00 | | 73.7 | 70-130 | | | |
| Ethylbenzene | 3.69 | 0.0250 | 5.00 | | 73.8 | 70-130 | | | |
| Toluene | 3.78 | 0.0250 | 5.00 | | 75.7 | 70-130 | | | |
| o-Xylene | 3.73 | 0.0250 | 5.00 | | 74.6 | 70-130 | | | |
| p,m-Xylene | 7.57 | 0.0500 | 10.0 | | 75.7 | 70-130 | | | |
| Total Xylenes | 11.3 | 0.0250 | 15.0 | | 75.3 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.65 | | 8.00 | | 95.6 | 70-130 | | | |

Matrix Spike (2605117-MS1)

Source: E601280-04

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 3.67 | 0.0250 | 5.00 | ND | 73.4 | 70-130 | | | |
| Ethylbenzene | 3.67 | 0.0250 | 5.00 | ND | 73.3 | 70-130 | | | |
| Toluene | 3.77 | 0.0250 | 5.00 | ND | 75.4 | 70-130 | | | |
| o-Xylene | 3.72 | 0.0250 | 5.00 | ND | 74.5 | 70-130 | | | |
| p,m-Xylene | 7.52 | 0.0500 | 10.0 | ND | 75.2 | 70-130 | | | |
| Total Xylenes | 11.2 | 0.0250 | 15.0 | ND | 75.0 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.63 | | 8.00 | | 95.4 | 70-130 | | | |

Matrix Spike Dup (2605117-MSD1)

Source: E601280-04

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.09 | 0.0250 | 5.00 | ND | 81.8 | 70-130 | 10.8 | 27 | |
| Ethylbenzene | 4.08 | 0.0250 | 5.00 | ND | 81.6 | 70-130 | 10.6 | 26 | |
| Toluene | 4.20 | 0.0250 | 5.00 | ND | 84.0 | 70-130 | 10.8 | 20 | |
| o-Xylene | 4.14 | 0.0250 | 5.00 | ND | 82.8 | 70-130 | 10.6 | 25 | |
| p,m-Xylene | 8.34 | 0.0500 | 10.0 | ND | 83.4 | 70-130 | 10.3 | 23 | |
| Total Xylenes | 12.5 | 0.0250 | 15.0 | ND | 83.2 | 70-130 | 10.4 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.56 | | 8.00 | | 94.6 | 70-130 | | | |



QC Summary Data

| | | |
|--|---|--|
| Hilcorp Energy Co PO Box 61529 Houston TX, 77208 | Project Name: San Juan 32-8 #250 Project Number: 17051-0002 Project Manager: Kate Kaufman | Reported: 2/3/2026 9:49:36AM |
|--|---|--|

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2605117-BLK1)

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 9.91 | | 8.00 | | 124 | 70-130 | | | |

LCS (2605117-BS2)

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 42.2 | 20.0 | 50.0 | | 84.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 10.0 | | 8.00 | | 126 | 70-130 | | | |

Matrix Spike (2605117-MS2)

Source: E601280-04

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.3 | 20.0 | 50.0 | ND | 92.7 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 9.96 | | 8.00 | | 125 | 70-130 | | | |

Matrix Spike Dup (2605117-MSD2)

Source: E601280-04

Prepared: 01/30/26 Analyzed: 01/31/26

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 47.4 | 20.0 | 50.0 | ND | 94.9 | 70-130 | 2.34 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 9.97 | | 8.00 | | 125 | 70-130 | | | |



QC Summary Data

| | | |
|--|---|--|
| Hilcorp Energy Co PO Box 61529 Houston TX, 77208 | Project Name: San Juan 32-8 #250 Project Number: 17051-0002 Project Manager: Kate Kaufman | Reported: 2/3/2026 9:49:36AM |
|--|---|--|

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2606003-BLK1)

Prepared: 02/02/26 Analyzed: 02/02/26

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n</i> -Nonane | 47.8 | | 50.0 | | 95.7 | 61-141 | | | |

LCS (2606003-BS1)

Prepared: 02/02/26 Analyzed: 02/02/26

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 247 | 25.0 | 250 | | 98.9 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 48.1 | | 50.0 | | 96.2 | 61-141 | | | |

Matrix Spike (2606003-MS1)

Source: E601292-15

Prepared: 02/02/26 Analyzed: 02/02/26

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 269 | 25.0 | 250 | ND | 107 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 51.7 | | 50.0 | | 103 | 61-141 | | | |

Matrix Spike Dup (2606003-MSD1)

Source: E601292-15

Prepared: 02/02/26 Analyzed: 02/02/26

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--------|----|--|
| Diesel Range Organics (C10-C28) | 269 | 25.0 | 250 | ND | 107 | 56-156 | 0.0542 | 20 | |
| Surrogate: <i>n</i> -Nonane | 52.4 | | 50.0 | | 105 | 61-141 | | | |



QC Summary Data

| | | |
|--|---|--|
| Hilcorp Energy Co PO Box 61529 Houston TX, 77208 | Project Name: San Juan 32-8 #250 Project Number: 17051-0002 Project Manager: Kate Kaufman | Reported: 2/3/2026 9:49:36AM |
|--|---|--|

Anions by EPA 300.0/9056A

Analyst: TP

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2605118-BLK1)

Prepared: 01/30/26 Analyzed: 01/30/26

Chloride ND 20.0

LCS (2605118-BS1)

Prepared: 01/30/26 Analyzed: 01/30/26

Chloride 253 20.0 250 101 90-110

Matrix Spike (2605118-MS1)

Source: E601271-01

Prepared: 01/30/26 Analyzed: 01/30/26

Chloride 268 20.0 250 ND 107 80-120

Matrix Spike Dup (2605118-MSD1)

Source: E601271-01

Prepared: 01/30/26 Analyzed: 01/30/26

Chloride 271 20.0 250 ND 108 80-120 0.932 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

| | | | |
|-------------------|------------------|--------------------|------------------|
| Hilcorp Energy Co | Project Name: | San Juan 32-8 #250 | |
| PO Box 61529 | Project Number: | 17051-0002 | Reported: |
| Houston TX, 77208 | Project Manager: | Kate Kaufman | 02/03/26 09:49 |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Chain of Custody

| Client Information | | | | Invoice Information | | | | Lab Use Only | | | | TAT | | | | State | | | | | | | | | | | | | |
|---|----------------|-------------|-------------------|-------------------------|--------------|-------------------|-----------------|---|--------------|------------------------------|----------------|---------------------|---------------|--|------------|--|-----|-------------|------------|----|----|----|------------|-------------|---------|----|--|--|--|
| Client: <u>Hilcorp Energy</u> | | | | Company: _____ | | | | Lab WO# <u>EA0285</u> | | Job Number <u>17051-0002</u> | | 1D | | 2D | | 3D | | Std | | NM | | CO | | UT | | TX | | | |
| Project Name: <u>San Juan 32-8 #250</u> | | | | Address: _____ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Kate Kaufman</u> | | | | City, State, Zip: _____ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: _____ | | | | Phone: _____ | | | | | | | | | | | | | | | | | | | | | | | | | |
| City, State, Zip: _____ | | | | Email: _____ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone: _____ | | | | Miscellaneous: _____ | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email: <u>Kkaufman@hilcorp.com</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | Analysis and Method | | | | | | | | EPA Program | | | | | | | | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | TEEQ 1005-TX | RCRA 8 Metals | BGDOC - NM | BGDOC - TX | SDWA | CWA | RCRA | Compliance | Y | or | N | PWSID # | Sample Temp | Remarks | | | | |
| <u>1417</u> | <u>1-23-20</u> | <u>Soil</u> | <u>1</u> | <u>SP composite</u> | | <u>1</u> | <u>X</u> | <u>X</u> | <u>X</u> | <u>X</u> | | | | | | | | | | | | | <u>2.1</u> | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Additional Instructions: <u>CC: shyde@ensolum.com</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampled by: <u>Grace Swanson</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <u>[Signature]</u> | | | | Date <u>1-30-20</u> | | Time <u>12:59</u> | | Received by: (Signature) <u>[Signature]</u> | | | | Date <u>1-30-20</u> | | Time <u>12:59</u> | | Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | | | | Date | | Time | | Received by: (Signature) | | | | Date | | Time | | | | | | | | | | | | | | | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ | | | | | | | | | | | | | | Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA | | | | | | | | | | | | | | | |
| Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Printed: 1/30/2026 1:07:43PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

| | | |
|-----------------------------|--------------------------------------|----------------------------|
| Client: Hilcorp Energy Co | Date Received: 01/30/26 12:59 | Work Order ID: E601285 |
| Phone: 505-599-3400 | Date Logged In: 01/30/26 13:02 | Logged In By: Caitlin Mars |
| Email: kkaufman@hilcorp.com | Due Date: 02/06/26 17:00 (5 day TAT) | |

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Eric Carroll

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

- 13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



APPENDIX C

Agency Correspondence

From: OCDOnline@emnrd.nm.gov
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 542653
Date: Tuesday, January 13, 2026 11:42:42 AM

[**EXTERNAL EMAIL**]

To whom it may concern (c/o Stuart Hyde for HILCORP ENERGY COMPANY),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2535032185.

The sampling event is expected to take place:

When: 01/16/2026 @ 10:00

Where: M-33-32N-08W 1276 FSL 868 FWL (36.93687,-107.6857)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Hilcorp San Juan 32-8 #250 well pad, coordinates 36.93687, -107.6857

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**
- **If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505



APPENDIX D

Photographic Log



Photographic Log
Hilcorp Energy Company
Sam Juan 32-8 Unit 250
San Juan County, New Mexico



Photograph: 1 Date: 01/06/2026
Description: Hand auger boring, HA01, advanced adjacent to the valve can (source of release).
View: North



Photograph: 2 Date: 01/06/2026
Description: Hand auger boring, HA02, advanced within the release footprint.
View: West



Photograph: 3 Date: 01/07/2026
Description: Hand auger boring, HA03, advanced within the release footprint.
View: South



Photograph: 4 Date: 01/07/2026
Description: Surface soil sample, SS15, taken laterally outside the release footprint.
View: East



Photographic Log
Hilcorp Energy Company
Sam Juan 32-8 Unit 250
San Juan County, New Mexico



Photograph: 5 Date: 01/16/2026
Description: Final excavation extent.
View: West

Photograph: 6 Date: 01/16/2026
Description: Final excavation extent.
View: South



Photograph: 7 Date: 01/16/2026
Description: Final excavation extent.
View: North

Photograph: 8 Date: 01/16/2026
Description: Final Excavation extent.
View: North

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 559540

QUESTIONS

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 559540 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2535032185 |
| Incident Name | NAPP2535032185 SAN JUAN 32-8 #250 @ 30-045-28307 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-045-28307] SAN JUAN 32 8 UNIT #250 |

| | |
|---|--------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | San Juan 32-8 #250 |
| Date Release Discovered | 12/12/2025 |
| Surface Owner | Private |

| | |
|--|------------------------|
| Incident Details | |
| <i>Please answer all the questions in this group.</i> | |
| Incident Type | Produced Water Release |
| Did this release result in a fire or is the result of a fire | No |
| Did this release result in any injuries | No |
| Has this release reached or does it have a reasonable probability of reaching a watercourse | Yes |
| Has this release endangered or does it have a reasonable probability of endangering public health | No |
| Has this release substantially damaged or will it substantially damage property or the environment | No |
| Is this release of a volume that is or may with reasonable probability be detrimental to fresh water | No |

| | |
|---|--|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Pipeline (Any) Produced Water Released: 5 BBL Recovered: 4 BBL Lost: 1 BBL. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Released produced water entered a livestock watering hole/depression that appears as a water feature on NWI mapping. The water was removed from the watering hole via vac truck. |

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

QUESTIONS, Page 2

Action 559540

QUESTIONS (continued)

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 559540 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | More info needed to determine if this will be treated as a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (b) may with reasonable probability reach a watercourse. |
| <i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i> | |

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 | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | <i>Not answered.</i> |

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 03/03/2026 |
|--|--|

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Phone: (505) 476-3441

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

QUESTIONS, Page 3

Action 559540

QUESTIONS (continued)

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 559540 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 500 and 1000 (ft.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between 1 and 100 (ft.) |
| An occupied permanent residence, school, hospital, institution, or church | Between 1 and 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between 1 and 100 (ft.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | None |
| A 100-year floodplain | Between 500 and 1000 (ft.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|-----|
| Requesting a remediation plan approval with this submission | Yes |
| <i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i> | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

| | |
|---|------|
| Chloride (EPA 300.0 or SM4500 Cl B) | 1420 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 0 |
| GRO+DRO (EPA SW-846 Method 8015M) | 0 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

| | |
|---|------------|
| On what estimated date will the remediation commence | 12/18/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 01/16/2026 |
| On what date will (or was) the remediation complete(d) | 01/16/2026 |
| What is the estimated surface area (in square feet) that will be reclaimed | 0 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 0 |
| What is the estimated surface area (in square feet) that will be remediated | 3800 |
| What is the estimated volume (in cubic yards) that will be remediated | 150 |

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 559540

QUESTIONS (continued)

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 559540 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

| | |
|---|--------------------------|
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | fSC0000000048 ENVIROTECH |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | No |
| (In Situ) Soil Vapor Extraction | No |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | No |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | No |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | No |
| Ground Water Abatement pursuant to 19.15.30 NMAC | No |
| OTHER (Non-listed remedial process) | No |

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 03/03/2026 |
|--|--|

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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QUESTIONS, Page 5

Action 559540

QUESTIONS (continued)

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
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| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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|---|----|
| Deferral Requests Only | |
| <i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i> | |
| Requesting a deferral of the remediation closure due date with the approval of this submission | No |

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QUESTIONS, Page 6

Action 559540

QUESTIONS (continued)

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 559540 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|-------------------|
| Last sampling notification (C-141N) recorded | 542653 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 01/16/2026 |
| What was the (estimated) number of samples that were to be gathered | 20 |
| What was the sampling surface area in square feet | 3800 |

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

| | |
|--|--|
| Requesting a remediation closure approval with this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion | Yes |
| What was the total surface area (in square feet) remediated | 3800 |
| What was the total volume (cubic yards) remediated | 150 |
| All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene | Yes |
| What was the total surface area (in square feet) reclaimed | 0 |
| What was the total volume (in cubic yards) reclaimed | 0 |
| Summarize any additional remediation activities not included by answers (above) | . Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. |

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 (in .pdf format) 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.

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.

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 03/03/2026 |
|--|--|

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QUESTIONS, Page 7

Action 559540

QUESTIONS (continued)

| | |
|--|---|
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| | Action Number: 559540 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|----|
| Reclamation Report | |
| <i>Only answer the questions in this group if all reclamation steps have been completed.</i> | |
| Requesting a reclamation approval with this submission | No |

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CONDITIONS

Action 559540

CONDITIONS

| | |
|--|---|
| Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002 | OGRID: 372171 |
| | Action Number: 559540 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| rhamlet | We have received your Remediation Closure Report for Incident #nAPP2535032185 San Juan 32-8 #250, thank you. This Remediation Closure Report is approved. | 3/4/2026 |