ENSOLUM

January 12, 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: Closure Request
San Juan 29-6 Unit #086
Hilcorp Energy Company
NMOCD Incident No: nAPP2401932449

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Closure Request* for a release at the San Juan 29-6 Unit #086 natural gas production well (Site). The Site is located in on private surface at Unit N, Section 27, Township 29 North, Range 6 West, Rio Arriba 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 January 18, 2024, during routine Audio, Visual, and Olfactory (AVO) inspections, a Hilcorp operator observed localized snowmelt within the secondary containment area and identified a split dump line. The damage was attributed to freeze–thaw conditions. Upon discovery, the operator immediately bull-plugged the affected tank and shut off the dump line, effectively stopping the release. Based on a review of tank gauging data, the release is estimated to have consisted of approximately 17 barrels (bbls) of produced water and 16 bbls of condensate. At the time of discovery, no free liquids were available for recovery.

Hilcorp notified the New Mexico Oil Conservation Division (NMOCD) within 24 hours of discovery via email and submission of a Notification of Release (NOR) on January 19, 2024. An initial Form C-141 was subsequently submitted on January 29, 2024. NMOCD assigned the release incident identification number nAPP2401932449.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As presented in the May 15, 2025, *Remediation Work Plan*, the following Closure Criteria for constituents of concern (COCs) have been 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

Ensolum personnel conducted initial delineation activities using a hand auger on January 30, 2024. A notification of sampling activities was provided to the NMOCD prior to the delineation work and is attached as Appendix A. Sampling location HA01 was advanced within the central portion of the secondary containment berm to a depth of 1.5 feet below ground surface (bgs). To evaluate lateral extent, sampling locations HA02 through HA06 were advanced to a depth of 0.5 feet bgs in all cardinal directions surrounding the berm, as depicted on Figure 2. Hand auger refusal was encountered between 0.5 feet and 1-foot bgs at all locations. Throughout delineation activities, an Ensolum geologist field screened soils for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID). Soil composition observed during hand augering consisted of medium to coarse-grained sand interbedded with clay and fine sand.

One soil sample was collected from each hand auger location to evaluate the lateral extent of shallow soil impacts at the Site. No laboratory sample was submitted from hand auger location HA02, as field screening results were comparable to those observed at HA01, and it was therefore assumed that HA02 contained similar concentrations from ground surface to 0.5 feet bgs. All submitted samples were analyzed by Eurofins Environment Testing (Eurofins) in Albuquerque, New Mexico for TPH following United States Environmental Protection Agency (EPA) Method 8015M/D, BTEX following EPA Method 8021B, and chloride following EPA Method 300.0. Analytical results indicated concentrations of TPH in soil exceeded the applicable NMOCD Closure Criteria at depths of 1-foot to 1.5 feet bgs at sampling location HA01.

In response to the shallow hand auger refusal and exceedances identified at HA01, Ensolum and Hilcorp returned to the Site on February 5, 2024, with a backhoe to further evaluate the vertical extent of impacts. One pothole (PH01) was advanced to a depth of 17 feet bgs, which represented the maximum reach of the backhoe. Two soil samples were collected from PH01 using the methods described above and submitted to Eurofins for analysis of BTEX, TPH, and chloride. Analytical results from samples collected at PH01 exceeded the NMOCD Closure Criteria for TPH from ground surface to 17 feet bgs, indicating that vertical impacts had not yet been fully delineated.

Because impacts were not yet vertically delineated, Ensolum and Hilcorp returned to the Site on February 22, 2024, with a larger excavator to continue vertical delineation. Excavation refusal was encountered at approximately 19 feet bgs. One soil sample was collected from the terminus of pothole PH02 and submitted to Eurofins for analysis of BTEX, TPH, and chloride. Laboratory analytical results from this sample also exceeded the NMOCD Closure Criteria for TPH, with a concentration of 257 mg/kg, confirming that contamination extended beyond the depth achievable with excavation equipment.

Given that soil impacts were identified to a depth of 19 feet bgs during pothole advancement, Ensolum returned to the Site from April 8 through April 10, 2024, to complete additional vertical delineation using a hollow-stem auger drilling rig with split-spoon sampling capabilities operated by Enviro-Drill, Inc. (Enviro-Drill). Concurrent with delineation activities, and based on previously observed soil conditions and TPH concentrations, installation of soil vapor extraction (SVE) wells was proposed during drilling. Six boreholes (BH01 through BH06) were advanced to depths ranging from 24 feet to 35 feet bgs. During drilling activities, an Ensolum geologist logged lithology and field screened soils consistent with the methods described above. Borehole logs and detailed soil descriptions are provided in Appendix B. Multiple soil samples were collected from each borehole based on PID field screening, placed directly into laboratory-provided containers, and immediately stored on ice. Samples were submitted to Eurofins for analysis of BTEX, TPH, and chloride using the same analytical methods described above.

Based on observed field screening results and visual evidence of impacts, SVE wells were installed in boreholes BH01, BH03, BH04, BH05, and BH06. Screen intervals were selected to target zones of elevated PID response and visible staining. Photographs documenting delineation and well installation activities are provided in Appendix C. Soil sampling locations are shown on Figure 2, and sampling notifications submitted to the NMOCD are included in Appendix B.

TPH was detected above the NMOCD Closure Criteria only in borehole BH01 at a depth of 10 feet bgs, with a measured concentration of 1,580 mg/kg. BTEX, TPH, and chloride were either not detected above laboratory reporting limits or were detected at concentrations below applicable Closure Criteria in all remaining SVE well samples. Analytical results are summarized in Table 1. Complete laboratory analytical reports are included as Appendix D.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the soil sampling results described above and given the limited vertical and lateral extent of impacts observed following delineation and the absence of significant contamination in installed SVE wells aside from BH01, pilot testing of an SVE system was not conducted, and the installed SVE wells were subsequently abandoned.

As an alternative to SVE, Hilcorp initially proposed remediation through excavation of impacted soil with off-site treatment via land farming at a location on land managed by the Bureau of Land Management (BLM); however, BLM did not approve the use of BLM-managed surface lands for treatment of impacted soil originating from private surface. As a result, the *Remediation Work Plan* submitted on May 15, 2025, proposed remediation through excavation and off-site disposal of impacted soil at the Envirotech Landfarm in San Juan County, New Mexico.

Excavation activities commenced on June 13, 2025. During initial excavation efforts, previously unidentified lateral migration of impacted soil was encountered, requiring additional excavation phases and confirmatory assessment to fully address remaining impacts. Ensolum personnel conducted multiple Site visits throughout June, July, and August 2025 to support excavation oversight, assess excavation limits, and collect confirmation samples as excavation progressed. Following these activities, a temporary pause in fieldwork was implemented to evaluate excavation geometry, develop cross sections, and refine the excavation approach based on observed subsurface conditions.

Review of excavation data and cross sections indicated that residual impacts remained in the northwest portion of the excavation footprint. Ensolum subsequently returned to the Site in October 2025 to target this area through focused excavation and additional sampling.

Following completion of excavation activities, Ensolum submitted a sampling notification to the NMOCD (Appendix B) and returned to the Site on November 3 and 4, 2025, to collect confirmation soil samples from the excavation floor, sidewalls, and select discrete locations exhibiting staining. Five-point composite soil samples were collected from the excavation footprint at a frequency of one sample per 200 square feet. In total, confirmation sampling consisted of 50 excavation floor samples (FS01 through FS50), 53 excavation sidewall samples (SW01 through SW53), and four discrete grab samples (SS01 through SS04) collected from localized areas of potential concern. Analytical results demonstrated all confirmation samples met the applicable NMOCD Closure Criteria, with the exception of one excavation floor sample (FS28), which reported a TPH concentration of 131 mg/kg.

To address this isolated exceedance, Ensolum returned to the Site on December 5, 2025, to excavate the remaining impacted material within composite sample FS28 footprint. A confirmation sample (FS28A) was subsequently collected from the base of the excavation and submitted to Envirotech for laboratory analysis. Analytical results for FS28A indicated concentrations of TPH,

BTEX, and chloride were below the laboratory reporting limit, confirming the removal of all remaining impacts.

In total, excavation activities encompassed approximately 10,000 square feet, with an estimated 8,500 cubic yards of impacted soil excavated and transported off-site for disposal. Analytical results from excavation confirmation sampling are summarized in Table 2, with the complete excavation extent and confirmation sample locations depicted on Figure 3. Complete laboratory analytical reports are provided in Appendix D.

CLOSURE REQUEST

Site excavation and confirmation soil sampling activities were completed to address the release discovered on January 18, 2024. Laboratory analytical results from confirmation soil samples collected from the final excavation limits indicate that all COCs were compliant with applicable Site Closure Criteria and reclamation requirements. Based on these results, no further remediation is warranted.

The excavation and off-site disposal of impacted soil have effectively mitigated release-related impacts at the Site. These remedial actions are considered protective of human health, the environment, and groundwater. Accordingly, Hilcorp Energy Company respectfully requests regulatory closure for Incident Number nAPP2401932449.

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

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Attachments:

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

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

Appendix A: Agency Correspondence
Appendix B: Borehole Logs
Appendix C: Photographic Log
Appendix D: Laboratory Analytical Reports

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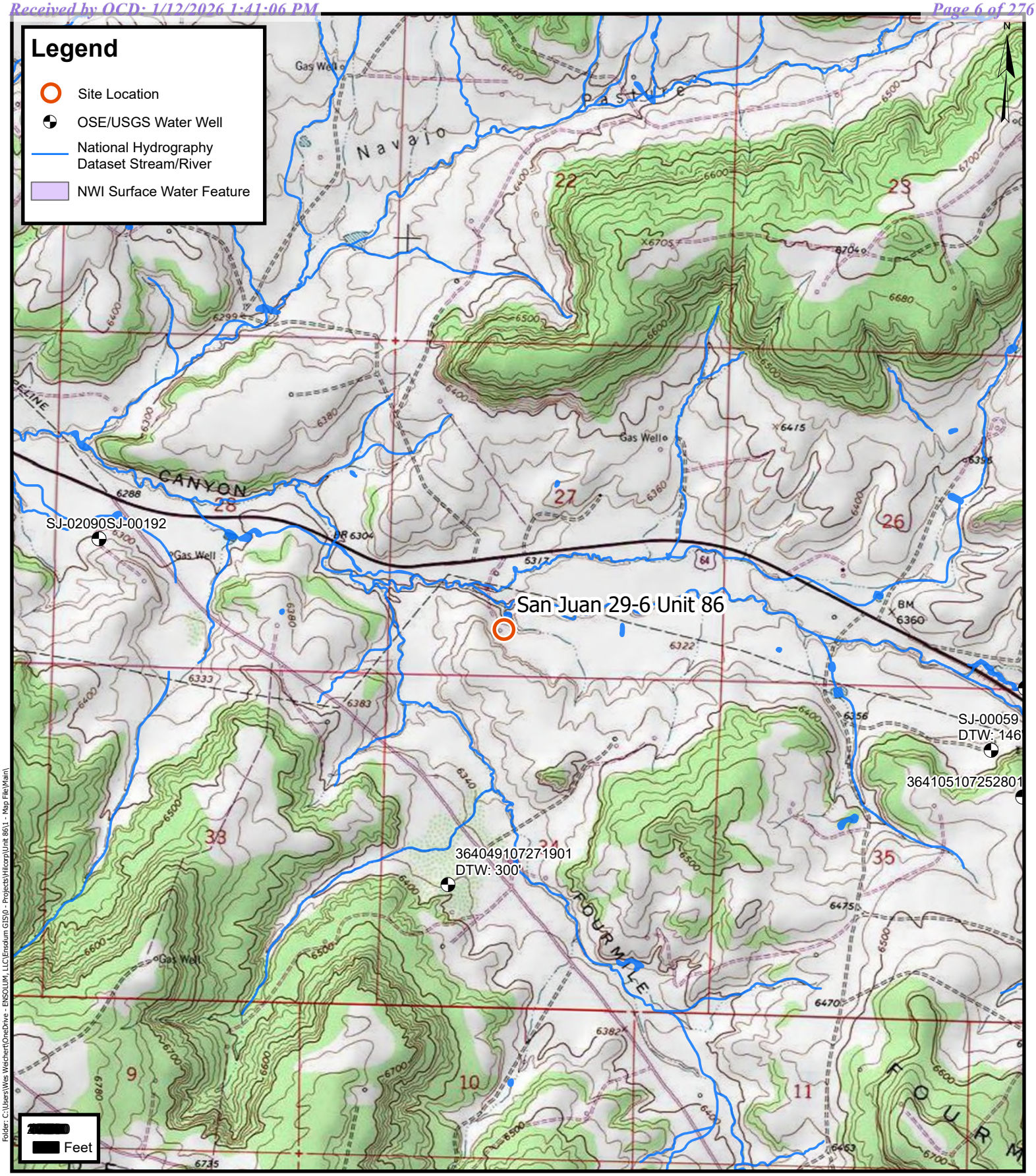
FIGURES



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Site Receptor Map

Hilcorp Energy Company
San Juan 29-6 Unit #086
Incident Number: nAPP2401932449
Unit N, Sec 27, T29N, R6W
Rio Arriba, New Mexico, United States

FIGURE 1

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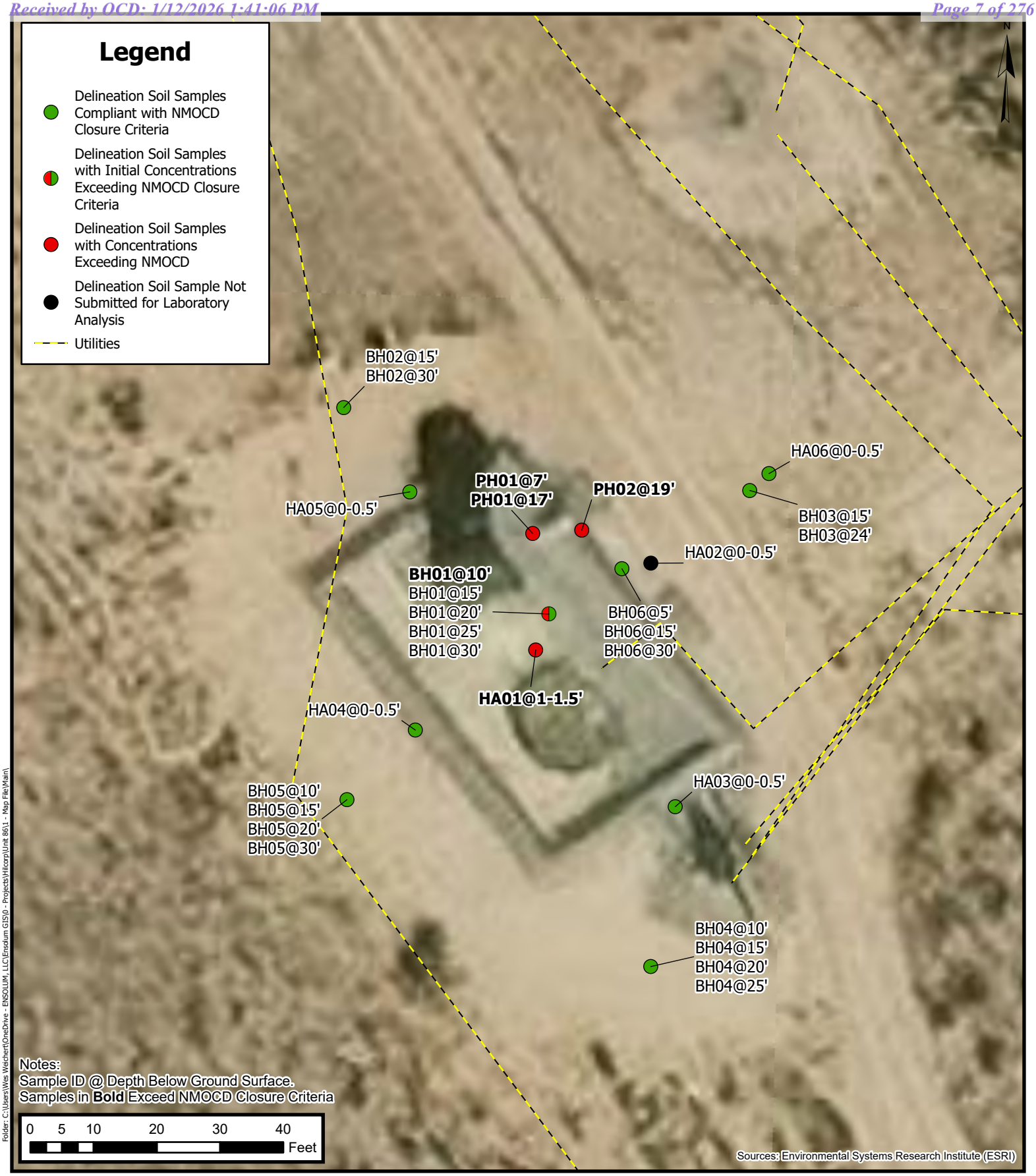

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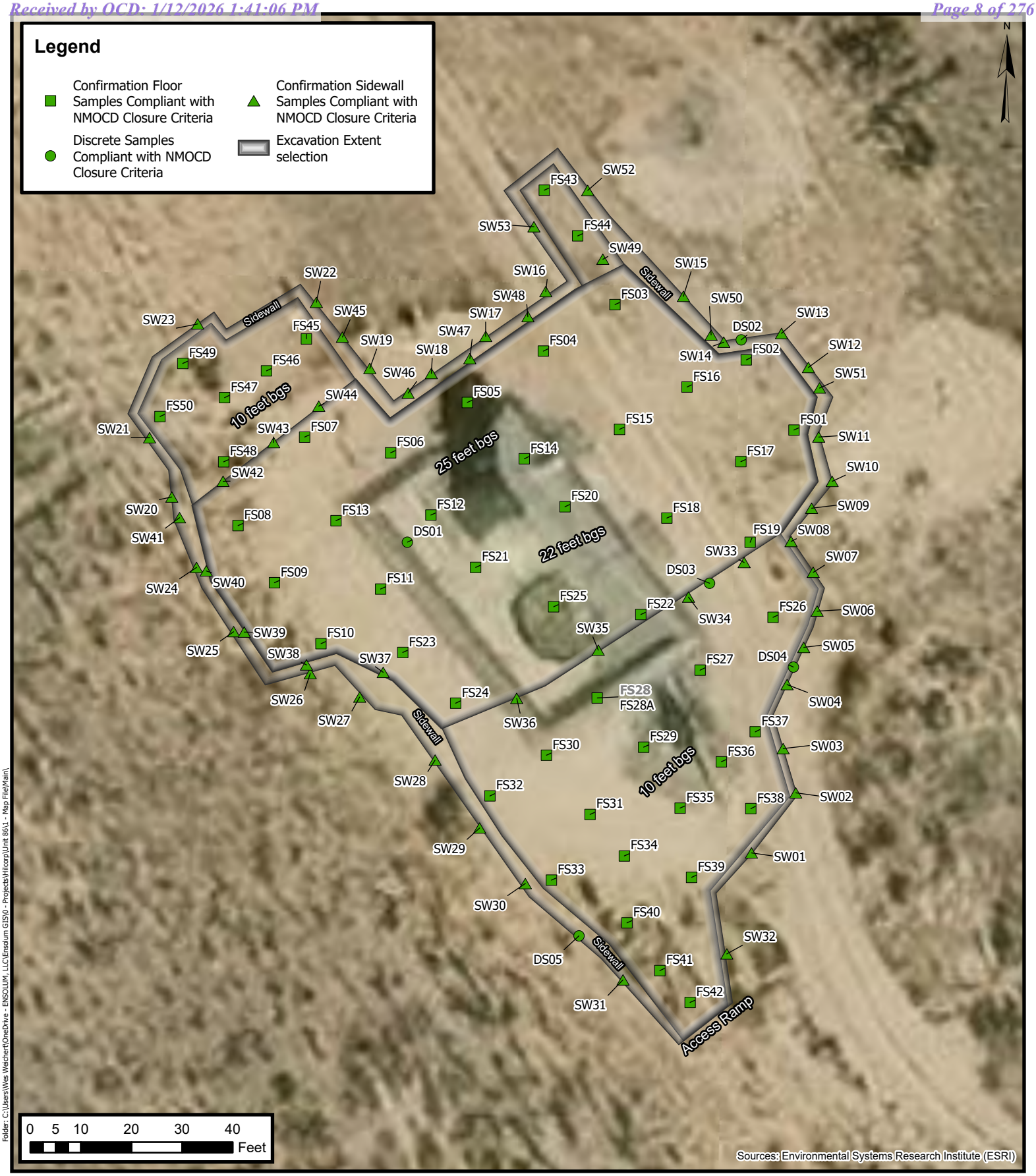
Delineation Soil Sample Locations

Hilcorp Energy Company
San Juan 29-6 Unit #086
Incident Number: nAPP2401932449
Unit N, Sec 27, T29N, R6W
Rio Arriba, New Mexico, United States

FIGURE 2



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Confirmation Soil Sample Locations

Hilcorp Energy Company
San Juan 29-6 Unit 86
Incident Number: nAPP2401932449
Unit N, Sec 27, T29N, R6W
Rio Arriba, New Mexico, United States

FIGURE 3

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TABLES

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TABLE 1
DELINEATION SOIL SAMPLE ANALYTICAL RESULTS
San Juan 29-6 Unit #086
Hilcorp Energy Company
Rio Arriba County, New Mexico

Sample ID	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)
NMOCD Closure Criteria for Soils Impacted by a Release			**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
HA01@1-1.5'	1/30/2024	1-1.5	<0.47	6.7	4.3	81	**92.0**	1,300	1,100	<460	**2,400**	<60
HA03@0-0.5'	1/30/2024	0-0.5	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.7	<48	<48	<59
HA04@0-0.5'	1/30/2024	0-0.5	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.2	<46	<46	<60
HA05@0-0.5'	1/30/2024	0-0.5	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<46	<46	<59
HA06@0-0.5'	1/30/2024	0-0.5	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.2	<46	<46	<60
PH01@7'	2/5/2024	7	0.64	34	12	220	**266.64**	2,800	2,100	<490	**4,900**	<60
PH01@17'	2/5/2024	17	<0.025	<0.049	0.11	1.4	1.51	49	83	<48	**132**	<60
PH02@19'	2/22/2024	19	<0.024	0.15	0.24	4.7	5.09	97	160	<42	**257**	<60
BH01@10	4/8/2024	10	<0.040	<1.0	1.4	22	23.4	590	990	<49	**1,580**	<5.0
BH01@15	4/8/2024	15	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.1	<46	<46	<5.0
BH01@20	4/8/2024	20	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	11	<47	11	<5.0
BH01@25	4/8/2024	25	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.2	<46	<46	7.4
BH01@30	4/8/2024	30	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<9.1	<46	<46	5.1
BH02@15	4/8/2024	15	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.2	<46	<46	11
BH02@30	4/8/2024	30	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.5	<48	<48	<5.0
BH03@15	4/9/2024	15	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.2	<46	<46	<5.0
BH03@24	4/9/2024	24	<0.024	<0.049	<0.049	<0.098	<0.098	<4.9	<8.8	<44	<44	18
BH04@10	4/9/2024	10	<0.024	<0.049	0.051	<0.097	0.051	20	33	<48	53	17
BH04@15	4/9/2024	15	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<8.6	<43	<43	5.6
BH04@20	4/9/2024	20	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<9.2	<46	<46	5.1
BH04@25	4/9/2024	25	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.3	<46	<46	13
BH05@10	4/9/2024	10	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.2	<46	<46	<5.0
BH05@15	4/9/2024	15	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<8.8	<44	<44	<5.0
BH05@20	4/9/2024	20	<0.023	<0.047	<0.047	<0.094	<0.094	<4.7	<9.0	<45	<45	<5.0
BH05@30	4/9/2024	30	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<8.7	<43	<43	<5.0
BH06@5	4/10/2024	5	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<8.8	<44	<44	<5.1
BH06@15	4/10/2024	15	<0.025	<0.049	<0.049	<0.099	<0.099	11	18	<49	29	<5.1
BH06@30	4/10/2024	30	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.6	<48	<48	9.4

Notes:

bgs: below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
mg/kg: milligrams per kilogram
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
': feet
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)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*

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TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
San Juan 29-6 #086
Hilcorp Energy Company
Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	PID (ppm)	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)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	10	NE	NE	NE	50	NE	NE	NE	100	600
Excavation Sidewall Samples													
SW01	11/4/2025	0 - 8	0.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW02	11/4/2025	0- 8	1.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW03	11/4/2025	0 - 8	1.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW04	11/4/2025	0 - 10	0.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW05	11/4/2025	0 - 10	0.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW06	11/4/2025	0 - 10	2.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW07	11/4/2025	0 - 10	0.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW08	11/4/2025	0 - 20	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW09	11/4/2025	0 - 20	0.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW10	11/4/2025	0 - 20	0.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW11	11/4/2025	0 - 20	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW12	11/4/2025	0 - 20	1.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW13	11/4/2025	0 - 20	0.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW14	11/4/2025	0 - 20	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW15	11/4/2025	0 - 20	0.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW16	11/4/2025	0 - 18	3.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	73.3
SW17	11/4/2025	0 - 18	1.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW18	11/4/2025	0 - 18	2.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW19	11/4/2025	0 - 18	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW20	11/4/2025	0 - 10	0.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	121
SW21	11/4/2025	0 - 5	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW22	11/4/2025	0 - 8	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	60.6
SW23	11/4/2025	0 - 8	0.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW24	11/4/2025	0 - 15	1.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW25	11/4/2025	0 - 15	1.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW26	11/4/2025	0 - 15	1.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	150
SW27	11/4/2025	0 - 10	1.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW28	11/4/2025	0 - 10	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW29	11/4/2025	0 - 10	2.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW30	11/4/2025	0 - 10	2.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW31	11/4/2025	0 - 10	1.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW32	11/4/2025	0 - 10	1.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW33	11/4/2025	10 - 20	3.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW34	11/4/2025	10 - 20	2.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW35	11/4/2025	10 - 20	11.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW36	11/4/2025	10 - 20	16.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW37	11/4/2025	15 - 25	24.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW38	11/4/2025	15 - 25	10.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW39	11/4/2025	15 - 25	5.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW40	11/4/2025	15 - 25	4.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	43.4
SW41	11/4/2025	15 - 25	3.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	108
SW42	11/4/2025	10 - 22	6.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	71.2
SW43	11/4/2025	10 - 22	15.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	22.7
SW44	11/4/2025	10 - 22	50.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW45	11/4/2025	10 - 22	4.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	99.7
SW46	11/4/2025	18 - 25	90.5	<0.0250	<0.0250	<0.0250	0.197	0.197	<20.0	<25.0	<50.0	<50.0	35.2
SW47	11/4/2025	18 - 25	97.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW48	11/4/2025	18 - 25	124.4	<0.0250	<0.0250	<0.0250	0.377	0.377	<20.0	37.2	<50.0	37.2	<20.0
SW49	11/4/2025	10 - 22	8.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW50	11/4/2025	18 - 22	45.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW51	11/4/2025	18 - 22	6.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW52	11/4/2025	0 - 10	3.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	38.5
SW53	11/4/2025	0 - 10	3.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0

ENSOLUM

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
San Juan 29-6 #86
Hilcorp Energy Company
Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	PID (ppm)	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)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	10	NE	NE	NE	50	NE	NE	NE	100	600
Excavation Floor Samples													
FS01	11/3/2025	22	25.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS02	11/3/2025	22	24.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS03	11/3/2025	22	52.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS04	11/3/2025	22	3.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS05	11/3/2025	22	5.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS06	11/3/2025	22	9.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS07	11/3/2025	22	437.7	<0.0250	<0.0250	0.0256	0.348	0.374	<20.0	34.2	<50.0	34.2	<20.0
FS08	11/3/2025	25	137.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS09	11/3/2025	25	17.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS10	11/3/2025	25	60.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS11	11/3/2025	25	7.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS12	11/3/2025	25	5.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS13	11/3/2025	25	8.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS14	11/3/2025	25	4.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS15	11/3/2025	22	8.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS16	11/3/2025	22	7.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS17	11/3/2025	22	1.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS18	11/3/2025	22	2.9	<0.0250	0.0255	<0.0250	<0.0250	0.0255	<20.0	<25.0	<50.0	<50.0	<20.0
FS19	11/3/2025	22	9.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS20	11/3/2025	22	1.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS21	11/3/2025	22	1.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS22	11/3/2025	22	3.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS23	11/3/2025	22	5.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS24	11/3/2025	22	119.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS25	11/3/2025	22	5.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS26	11/3/2025	8	0.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS27	11/3/2025	10	0.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
~~FS28~~	~~11/3/2025~~	~~10~~	~~1.6~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~29.5~~	~~101~~	~~131~~	~~<20.0~~
FS28A	12/5/2025	11	2.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS29	11/3/2025	10	2.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS30	11/3/2025	11	11.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS31	11/3/2025	11	10.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS32	11/3/2025	12	2.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS33	11/3/2025	12	34.3	<0.0250	<0.0250	<0.0250	0.0265	0.0265	<20.0	30.2	<50.0	30.2	<20.0
FS34	11/3/2025	10	14.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS35	11/3/2025	10	9.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS36	11/3/2025	10	3.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS37	11/3/2025	8	1.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS38	11/3/2025	8	4.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS39	11/3/2025	8	3.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS40	11/3/2025	10	1.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS41	11/3/2025	5 - 10	0.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS42	11/3/2025	0 - 5	1.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS43	11/4/2025	0 - 5	0.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS44	11/4/2025	5 - 10	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS45	11/4/2025	10	1.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	159
FS46	11/4/2025	10	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS47	11/4/2025	10	0.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS48	11/4/2025	10	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	88
FS49	11/4/2025	0 - 10	0.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS50	11/4/2025	0 - 10	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0

ENSOLUM

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
San Juan 29-6 #86
Hilcorp Energy Company
Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	PID (ppm)	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)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
Discrete Grab Samples													
SS01	11/4/2025	25	3.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS02	11/4/2025	10	3.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS03	11/4/2025	18	3.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS04	11/4/2025	8	4.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS05	11/4/2025	10	3.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0

Notes:

bgs: Below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
mg/kg: Milligrams per kilogram
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
PID: Photoionization detector
ppm: Parts per million
~~*Grey*~~ *and strikethrough text represents samples that have been excavated*
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*

ENSOLUM

APPENDIX A

Agency Correspondence

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 306958
Date: Tuesday, January 23, 2024 2:55:56 PM

[**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#) nAPP2401932449.

The sampling event is expected to take place:

When: 01/30/2024 @ 08:30
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Stuart Hyde 970-903-1607 delineation sampling, sampling surface area not representative of release extent.

Additional Instructions: API #: 30-039-07516 (36.691501, -107.45259)

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 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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 310112
Date: Wednesday, January 31, 2024 3:24:25 PM

[**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#) nAPP2401932449.

The sampling event is expected to take place:

When: 02/05/2024 @ 08:30
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Stuart Hyde (970) 903-1607
Delineation sampling, the sampling surface area maybe less than 30,000 sq ft

Additional Instructions: 36.6916161,-107.4531784

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 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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 315250
Date: Friday, February 16, 2024 1:42:11 PM

[**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#) nAPP2401932449.

The sampling event is expected to take place:

When: 02/22/2024 @ 08:30
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Stuart Hyde
970-903-1607
Delineation sampling only. Sampling surface area and number of samples may be less than 30,000 sq ft and 20 samples.

Additional Instructions: San Juan 29-6 Unit 86 (API: 30-039-07516) in Rio Arriba County (36.6916161,-107.4531784)

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 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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 328715
Date: Tuesday, April 2, 2024 8:12:11 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#) nAPP2401932449.

The sampling event is expected to take place:

When: 04/08/2024 @ 08:30
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Contact PM Stuart Hyde; 970-903-1607; delineation drilling, sampling surface area is based one call utility locate area where drilling will occur. Five boreholes proposed with 2 samples each.

Additional Instructions: San Juan 29-6 Unit 86 (API: 30-039-07516) in Rio Arriba County (36.6916161,-107.4531784).

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 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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 328718
Date: Tuesday, April 2, 2024 8:13:26 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#) nAPP2401932449.

The sampling event is expected to take place:

When: 04/09/2024 @ 08:30
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Contact PM Stuart Hyde; 970-903-1607; delineation drilling, sampling surface area is based one call utility locate area where drilling will occur. Five boreholes proposed with 2 samples each.

Additional Instructions: San Juan 29-6 Unit 86 (API: 30-039-07516) in Rio Arriba County (36.6916161,-107.4531784).

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 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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 328723
Date: Tuesday, April 2, 2024 8:14:55 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#) nAPP2401932449.

The sampling event is expected to take place:

When: 04/10/2024 @ 08:30
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Contact PM Stuart Hyde; 970-903-1607; delineation drilling, sampling surface area is based one call utility locate area where drilling will occur. Five boreholes proposed with 2 samples each.

Additional Instructions: San Juan 29-6 Unit 86 (API: 30-039-07516) in Rio Arriba County (36.6916161,-107.4531784).

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 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

From: Velez, Nelson, EMNRD
To: Stuart Hyde
Cc: Kate Kaufman; Wes Weichert
Subject: Re: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request
Date: Tuesday, May 13, 2025 7:28:59 AM
Attachments: image001.png
image002.png
image003.png
Outlook-qzkduccc.png

[**EXTERNAL EMAIL**]
Good morning Stuart,

Thanks for the correspondence. My apology for the late response.

Your 30-day time extension is approved. Remediation Due date has been updated to June 4, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Stuart Hyde <shyde@ensolum.com>
Sent: Friday, May 2, 2025 10:46 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Kate Kaufman <kkaufman@hilcorp.com>; Wes Weichert <wweichert@ensolum.com>
Subject: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,

On behalf of Hilcorp Energy Company, we are submitting this extension request for the San Juan 29-6 Unit 86 site located in Rio Arriba County. At this time, we have received a denial from the BLM to construct a small landfarm on BLM surface. As such, we are working with the landowner on the proposed remediation technique before finalizing the remediation work plan.

We request a 30-day extension to the reporting deadline of May 5, 2025, with a new reporting deadline of June 4, 2025.

Please let us know if you have any questions.

Thanks,

Stuart Hyde, PG
(Licensed in TX, WA, & WY)
Senior Managing Geologist
970-903-1607
Ensolum, LLC

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

From: Velez, Nelson, EMNRD
To: Wes Weichert
Cc: Stuart Hyde; Kate Kaufman; Samantha Grabert
Subject: Re: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request
Date: Friday, January 31, 2025 10:28:07 AM
Attachments: image001.png
image002.png
image003.png
image004.png
Outlook-h5cfhlfi.png

[**EXTERNAL EMAIL**]
Good morning Wes,

Thank you for the correspondence. Your 90-day time extension is approved. Remediation Due date has been updated to May 5, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The below link is a deadline calculator most OCD personnel utilize. Please feel free to use yourself.

New Mexico Deadline Calculator | Legal Calculators

> New Mexico Deadline Calculator | Legal Calculators
>
> New 2022 New Mexico Deadline Calculator. This New Mexico legal deadline calculator makes filing date and service date deadline calculations.
>
> calculators.law

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Wes Weichert <wweichert@ensolum.com>
Sent: Friday, January 31, 2025 10:08 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Stuart Hyde <shyde@ensolum.com>; Kate Kaufman <kkaufman@hilcorp.com>; Samantha Grabert <Samantha.Grabert@hilcorp.com>
Subject: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request

Nelson,

On behalf of Hilcorp Energy Company, we are submitting this extension request for the San Juan 29-6 Unit 86 site located in Rio Arriba County. At this time, we are still awaiting BLM approval for the proposed small landfarm. We have been in continuous communication with the BLM regarding the request but have not yet received final approval.

We request a 90-day extension to the reporting deadline of February 3, 2025, with a new reporting deadline of May 4, 2025.

Please let us know if you have any questions.

Thanks,

Wes Weichert, PG*
**Licensed in Wyoming*
Project Geologist
816-266-8732
Ensolum, LLC

From: Velez, Nelson, EMNRD
To: Stuart Hyde
Cc: Wes Weichert; Osgood Froelich; Kate Kaufman
Subject: Re: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request
Date: Friday, November 21, 2025 3:02:42 PM
Attachments: image001.png
image002.png
image003.png
image005.png
Outlook-uejwuu0k.png

[**EXTERNAL EMAIL**]
Stuart,

Thank you for responding to my inquiry.

Your 60-day time extension request is approved. Remediation Due date has been updated to January 23, 2026.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Senior Environmental Scientist
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Stuart Hyde <shyde@ensolum.com>
Sent: Friday, November 21, 2025 2:19 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Wes Weichert <wweichert@ensolum.com>; Osgood Froelich <ofroelich@ensolum.com>; Kate Kaufman <kkaufman@hilcorp.com>
Subject: RE: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request

Nelson,

At this time, the contractor will need to re-mobilize to the site to complete the additional soil removal work. With the contractor schedules and upcoming holidays, we anticipate work to begin the week of December 1st but is dependent on their schedule. Assuming we are able to conduct the excavation and sampling that week, we should receive analytical results within one week of submittal. Finalizing the report, including table and figure updates, generally takes about 2 weeks following receipt of analytical results.

Based on this schedule and if all goes well, we would have a report ready for submittal by December 26th. However, in the case that results still exceed the applicable NMOCD standards, I would like to have an additional time buffer in order to remove additional soil without submitting another extension request, which is why I had originally requested a 60-day extension to the reporting deadline.

Let me know if you have any additional questions or concerns. Thanks for you assistance on this project and talk to you soon.

Stuart Hyde, PG
(Licensed in TX, WA, & WY)
Senior Managing Geologist
970-903-1607
Ensolum, LLC

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

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From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Friday, November 21, 2025 1:42 PM
To: Stuart Hyde <shyde@ensolum.com>
Cc: Wes Weichert <wweichert@ensolum.com>; Osgood Froelich <ofroelich@ensolum.com>; Kate Kaufman <kkaufman@hilcorp.com>
Subject: Re: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request

[**EXTERNAL EMAIL**]
Good afternoon Stuart,

Thank you for the request. This is not an approval or denial, but an inquiry. Please elaborate on the statement made "We plan to remove additional soil in this area and resample and hopefully get favorable results" and point out an estimate on when this may occur, whether a contractor needs to mobilize or it currently on-site, and the typical turnaround time for the laboratory analysis. The report writing should not consume a substantial amount of time, but provide an estimated timeline for it completion as well.

If you have any questions or concerns, contact me at your earliest convenience.

Regards,

Nelson Velez ● Senior Environmental Scientist
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Stuart Hyde <shyde@ensolum.com>
Sent: Thursday, November 20, 2025 10:50 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Wes Weichert <wweichert@ensolum.com>; Osgood Froelich <ofroelich@ensolum.com>; Kate Kaufman <kkaufman@hilcorp.com>
Subject: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request

Nelson,

On behalf of Hilcorp Energy Company, we are submitting this extension request for the San Juan 29-6 Unit 86 site located in Rio Arriba, County. After months and months of digging through hard bedrock, we've finally (almost) reached the end. Final confirmation sampling was conducted on 11/3 and 11/4 and included the collection of 53 sidewall, 50 floor, and 5 discrete samples. Of these, only one floor sample contained TPH at a concentration of 131 mg/kg. We plan to remove additional soil in this area and resample and hopefully get favorable results. In order to accomplish this, we are requesting a 60-day extension to the reporting deadline of November 24, 2025, with a new reporting deadline of Friday January 23, 2026.

Please reach out with any questions. Thanks.

Stuart Hyde, PG
(Licensed in TX, WA, & WY)
Senior Managing Geologist
970-903-1607
Ensolum, LLC

“If you want to go fast, go alone. If you want to go far, go together.” – African Proverb

From: Velez, Nelson, EMNRD
To: Stuart Hyde
Cc: Kate Kaufman; Enviro, OCD, EMNRD; Wes Weichert
Subject: Re: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request
Date: Friday, August 22, 2025 9:42:30 AM
Attachments: image001.png
image002.png
image003.png
Outlook-jdz4fxzt.png

[**EXTERNAL EMAIL**]
Good morning Stuart,

Thank you for the correspondence. Your 90-day time extension is approved. Remediation Due date has been updated to November 24, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Stuart Hyde <shyde@ensolum.com>
Sent: Friday, August 22, 2025 9:04 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Kate Kaufman <kkaufman@hilcorp.com>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Wes Weichert <wweichert@ensolum.com>
Subject: [EXTERNAL] nAPP2401932449 - Hilcorp Energy Company San Juan 29-6 Unit 86 Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,

On behalf of Hilcorp Energy Company, we are submitting this extension request for the San Juan 29-

6 Unit 86 site located in Rio Arriba, County. At this time, we have removed over 8,000 cubic yards of impacted soil. We have conducted extensive performance sampling and are continuing to remove impacted material from the site. We are requesting a 90-day extension to the reporting deadline of August 26, 2025, with a new reporting deadline of Monday November 24, 2025.

Please reach out with any questions. Thanks.

Stuart Hyde, PG
(Licensed in TX, WA, & WY)
Senior Managing Geologist
970-903-1607
Ensolum, LLC

"If you want to go fast, go alone. If you want to go far, go together." – African Proverb

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 521095
Date: Wednesday, October 29, 2025 11:08:11 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#) nAPP2401932449.

The sampling event is expected to take place:

When: 11/03/2025 @ 09:00
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: San Juan 29-6 Unit 86 (30-039-07516) GPS: 36.69158, -107.45256

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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 521099
Date: Wednesday, October 29, 2025 11:13:40 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#) nAPP2401932449.

The sampling event is expected to take place:

When: 11/04/2025 @ 09:00
Where: N-27-29N-06W 790 FSL 1800 FWL (36.6916161,-107.4531784)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: San Juan 29-6 Unit 86 (30-039-07516) GPS: 36.69158, -107.45256

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

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 531177

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531177
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2401932449**
Incident Name	**NAPP2401932449 SAN JUAN 29-6 UNIT 86 @ 30-039-07516**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-039-07516] SAN JUAN 29 6 UNIT #086**

Location of Release Source	
Site Name	**SAN JUAN 29-6 UNIT 86**
Date Release Discovered	**01/18/2024**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	400
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/05/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 970-903-1607 or Wes Weichert 816-266-8732
Please provide any information necessary for navigation to sampling site	San Juan 29-6 Unit 86 (30-039-07516) 36.69158, -107.45256

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531177
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
shyde	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.	12/2/2025
shyde	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.	12/2/2025

ENSOLUM

APPENDIX B

Borehole Logs

Nested

ENSOLUM

Client: Hilcorp
Project Name: San Juan 29-6 U 86
Project Location: "
Project Manager: S. Hyde

BORING LOG NUMBER: BH 02
Project No.:

Date Sampled: 4-8-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: AT

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: Hollow Stem

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
6		50/5	30%	>5000	SW	loose Tan, well graded sand, moist, massive, strong odor, no stain	
10				SAA2			
11		50/5	60%	7[illegible]K	SW	SAA, sharp contact @ 11'	
12					CL	grayish brown, lean clay, dry massive, med-plasticity, slight odor	
16		22 50/6	50%	1755	CL	SAA, ~~tan~~ AT Gray, slight odor	
21		50/1	20%	258	CL	stiff, gray, lean clay, dry, massive cohesive siltstone?	

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 Unit 86
Project Location: "
Project Manager: S. Hyde

BORING LOG NUMBER: BH01
Project No:

Date Sampled: 4-8-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25							
26	X	50/2	20%	70	SW	tan, well graded sand, dense, moist, no odor	S
27							
28							S
29							
30							
31	X	50/1	20%	140	SW	SAA	
32							
33							cuttings
34							
35							
36	X	50/6	20%	33	SC	loose, well graded sand w/ clay moist, no odor	
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 U86
Project Location: 11
Project Manager: S. Hyde

BORING LOG NUMBER: BH02
Project No.:

Date Sampled: 4-8-24
Drilled By: Enviodrill
Driller: Ryan
Logged By: AT

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
0–5							No Well
6		50/6	25%	4.0	SW	loose, tan, well graded sand, moist, massive, no odor no stain	
11		19 50/4	30%	9	CL	grayish brown, lean clay, dry, massive, med-plasticity ~~stiff~~ No HC odor, No stain med-stiff	
16		9, 19, 36	65%	41	CL	SAA, gray, moist, stiff	
21		50/1	10%	37	CL	AT ~~Stiff~~ very stiff, SAA cohesive	

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 v 86
Project Location: "
Project Manager: S. Hyde

BORING LOG NUMBER: BH02
Project No.:

Date Sampled: 4-8-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25							
26	X	50/4	40%	21	CL	SAA, sharp contact @ 26'	
27					SW	med-dense, light tan well graded S moist, no odor	
28							NO well
29							
30							
31	X	50/3	15%	15	SW	med-dense, gray, well graded sand, moist, no odor	
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 U86
Project Location: SJ 29-6 U86
Project Manager: S. Hyde

BORING LOG NUMBER: BH03
Project No.:

Date Sampled: 4-9-24
Drilled By: Enviodrill
Driller: Ryan
Logged By: AT

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
0–4							G / G
5–7	X	50/2	10%	2	SW	med-dense, reddish brown well graded sand, moist, massive, few fines, No odor, no stain some FeO_3	
8–9							
10–12	X	50/5	20%	1	CL	medium, light brown/olive, lean clay, dry, massive No odor, No stain	Grout / Grout
13–14							
15–17	X	15, 28, 50/5	100%	3	CL	SAA, light gray No odor, No stain	
18–19							G / G
20–22	X	50/3	15%	3	CL	SAA	B / B
23–24						Dense, gray, well graded sand, moist, No odor, no stain	S / S
25	X	50/4	15%	5	SW	Refusal @ 24.5' AT	

ENSOLUM

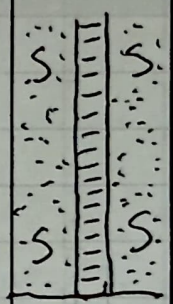
Client: Hilcorp
Project Name: SJ 29-6 U86
Project Location: ''
Project Manager: S. Hyde

BORING LOG NUMBER: BH03
Project No.:

Date Sampled: 4-9-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4''
Casing Diameter: 2''
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25–50						Re-drilled BH03, initially refusal @24'. Re-drill got all the way to 30' but no additional samples.	

ENSOLUM

Client: HEC
Project Name: SJ 29-6 U 86
Project Location: SJ 29-6 U86
Project Manager: S. Hyde

BORING LOG NUMBER: BH04
Project No.:

Date Sampled: 4-9-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION
6		50/5	10%	6	SW	Loose, tan/brown well graded sand, moist, massive, No odor, No stain
11		18, 50/5	20%	2550	SW	SAA, sharp contact @ 11'
12					CL	soft, brown lean clay, moist, massive, ~~No~~ odor, No stain strong
16		18, 32, 50/5	50%	420	CL	stiff gray lean clay, dry, massive, some FeO_3 strong odor
21		50/6	10%	320	CL	SAA, light gray, cohesive slight odor

BORING/WELL COMPLETION: B, S, Sand, Bentonite, B, clean backfill

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 U 86
Project Location: "
Project Manager: S. Hyde

BORING LOG NUMBER: BH04
Project No.:

Date Sampled: 4-9-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25							
26	X	50/2	15%	75	CL	SAA, sharp contact @ 26'	Clean Backfill
27					SW	tan well graded sand, dense, moist, massive, no odor/stain	
28							
29							
30							
31	X	50/3	20%	31	SW	Gray well graded sand, dense moist, massive, no odor/stain	
32							
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50							

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 U 86
Project Location: 11
Project Manager: S. Hyde

BORING LOG NUMBER: BH05
Project No.:

Date Sampled: 4-9-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thonson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION
5	X	50/5	15%	4	SW	Tan/brown, loose, well graded sand moist, massive, few gravel, no odor, no stain
11	X	19, 22, 29	85%	685	CL	Dark brown, soft, lean clay moist, massive, med-plasticity slight odor, no stain
16	X	22, 21, 29	80%	2040	CL	SAA, light brown, dry
21	X	50/3	10%	37	CL	Stiff, gray lean clay, dry massive cohesive slight odor

BORING/WELL COMPLETION: Grout; Grout; Bentonite; Sand; Backfill

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 U86
Project Location: "
Project Manager: S. Hyde

BORING LOG NUMBER: BH05
Project No.:

Date Sampled: 4-9-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25–27		50/1	5%	105	CL	stiff, gray lean clay massive, cohesive, dry slight odor	clean cuttings
28–29							
30–32		50/1	10%	147	SW	med-dense, gray well graded sand, moist, No odor	
33–50							

B 30-24, S 24-21, Screen

Nested

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 U86
Project Location: ''
Project Manager: S. Hyde

BORING LOG NUMBER: BH06
Project No.:

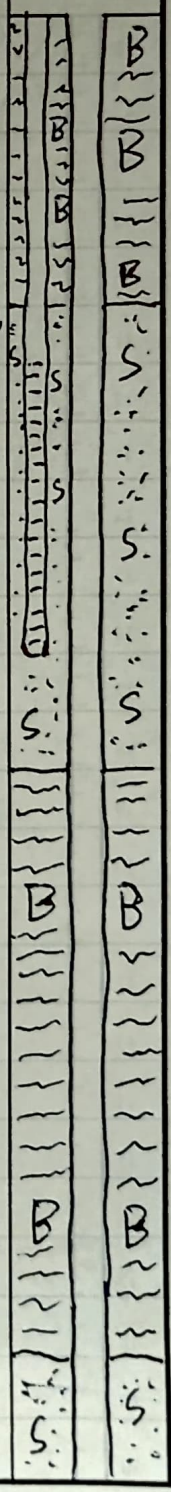
Date Sampled: 4-10-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4''
Casing Diameter: 2''
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION
5–7	X	50/5	15%	325	SW	red-dense, tan well graded Sand, moist, massive, slight odor, no stain
10–12	X	18, 50	40%	195	CL	~~soft~~ stiff, brown lean clay, moist massive mod odor
15–17	X	17, 22, 28	70%	2900	CL	medium, gray lean clay, moist, massive Strong odor
20–22	X	40, 50/4	50%	795	CL	SAA Mod odor

BORING/WELL COMPLETION



5 ft screen bottom, 6-11

ENSOLUM

Client: Hilcorp
Project Name: SJ 29-6 U 86
Project Location: "
Project Manager: S. Hyde

BORING LOG NUMBER: BH06
Project No:

Date Sampled: 4-10-24
Drilled By: Envirodrill
Driller: Ryan
Logged By: Al Thomson

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion: Flush
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25							
26	X	50/2	10%	388	CL	SAA, sharp contact @26'	
27					SW	tan, well graded sand, dense, moist, mod odor	S
28							
29							S
30	X	50/1	10%	108	SW	SAA, No odor	
31							
32							
33							
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APPENDIX C

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
San Juan 29-6 #86
Rio Arriba, New Mexico

Photograph: 1 Date: 8/19/2025
Description: NW Sidewall
View: SS21 directly below the lower bench.

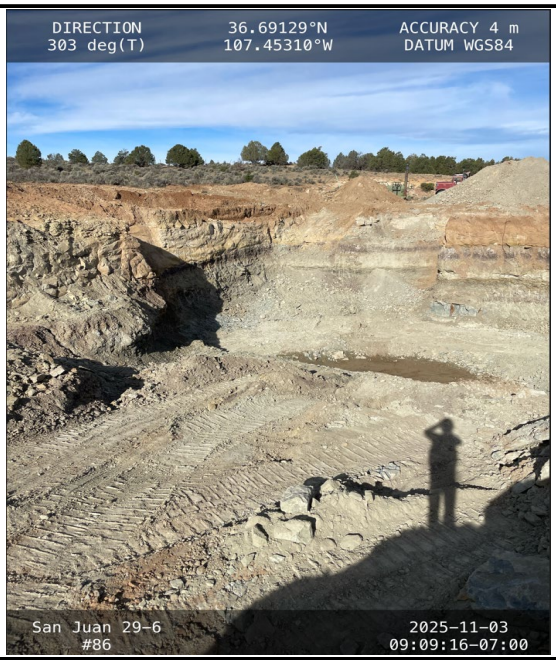
Photograph: 2 Date: 7/22/2025
Description: Previous exctent.
View: East

Photograph: 3 Date: 8/11/2025
Description: SS20 (removed) from stained layer.
View: North

Photograph: 4 Date: 8/19/2025
Description: Stained layer @ ~25' bgs.
View: Northwest.

ENSOLUM

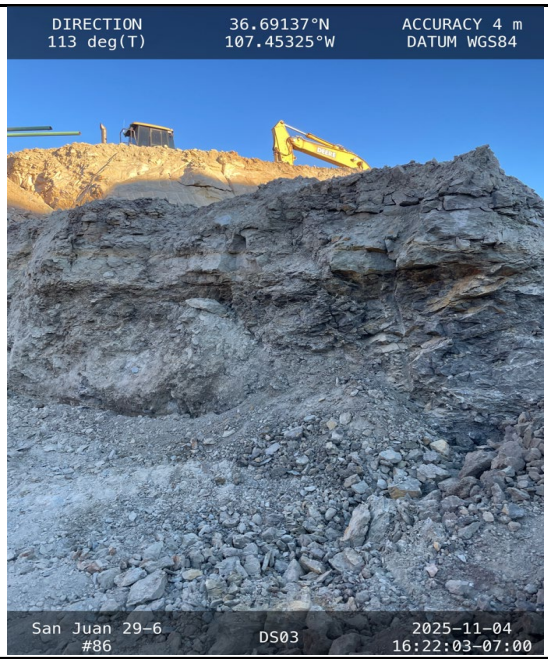
Photographic Log
Hilcorp Energy Company
San Juan 29-6 #86
Rio Arriba, New Mexico



Photograph: 1 Date: 11/3/2025
Description: Deep side of excavation
View: Northwest

Photograph: 2 Date: 11/3/2025
Description: Shallow side of excavation
View: East

Photograph: 3 Date: 11/4/2025
Description: Final Excavation Extent
View: Northeast



Photograph: 4 Date: 11/4/2025
Description: Staining and DS03 sample location
View: East-southeast

ENSOLUM

APPENDIX D

Laboratory Analytical Results

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

February 13, 2024

Samantha Grabert
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499
TEL: (505) 564-0733
FAX:

RE: SJ 29 6 Unit 86 OrderNo.: 2401B92

Dear Samantha Grabert:

Eurofins Environment Testing South Central, LLC received 6 sample(s) on 1/31/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2401B92**
Date Reported: **2/13/2024**

CLIENT: HILCORP ENERGY
Client Sample ID: HA01@1-1.5'
Project: SJ 29 6 Unit 86
Collection Date: 1/30/2024 9:18:00 AM
Lab ID: 2401B92-001 **Matrix:** SOIL
Received Date: 1/31/2024 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JKU**
Diesel Range Organics (DRO)	1100	92		mg/Kg	10	2/5/2024 11:52:00 AM
Motor Oil Range Organics (MRO)	ND	460	D	mg/Kg	10	2/5/2024 11:52:00 AM
Surr: DNOP	0	61.2-134	S	%Rec	10	2/5/2024 11:52:00 AM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	1300	94		mg/Kg	20	2/5/2024 3:25:09 PM
Surr: BFB	448	15-244	S	%Rec	20	2/5/2024 3:25:09 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.47		mg/Kg	20	2/5/2024 3:25:09 PM
Toluene	6.7	0.94		mg/Kg	20	2/5/2024 3:25:09 PM
Ethylbenzene	4.3	0.94		mg/Kg	20	2/5/2024 3:25:09 PM
Xylenes, Total	81	1.9		mg/Kg	20	2/5/2024 3:25:09 PM
Surr: 4-Bromofluorobenzene	109	39.1-146		%Rec	20	2/5/2024 3:25:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	2/3/2024 12:25:44 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2401B92**
Date Reported: **2/13/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY
Client Sample ID: HA03@0-0.5'
Project: SJ 29 6 Unit 86
Collection Date: 1/30/2024 10:07:00 AM
Lab ID: 2401B92-003 **Matrix:** SOIL **Received Date:** 1/31/2024 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.7		mg/Kg	1	2/2/2024 5:04:26 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/2/2024 5:04:26 PM
Surr: DNOP	108	61.2-134		%Rec	1	2/2/2024 5:04:26 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.6		mg/Kg	1	2/5/2024 1:01:15 PM
Surr: BFB	104	15-244		%Rec	1	2/5/2024 1:01:15 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	2/5/2024 1:01:15 PM
Toluene	ND	0.046		mg/Kg	1	2/5/2024 1:01:15 PM
Ethylbenzene	ND	0.046		mg/Kg	1	2/5/2024 1:01:15 PM
Xylenes, Total	ND	0.092		mg/Kg	1	2/5/2024 1:01:15 PM
Surr: 4-Bromofluorobenzene	91.4	39.1-146		%Rec	1	2/5/2024 1:01:15 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	59		mg/Kg	20	2/3/2024 12:38:37 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2401B92**
Date Reported: **2/13/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY
Client Sample ID: HA04@0-0.5'
Project: SJ 29 6 Unit 86
Collection Date: 1/30/2024 10:21:00 AM
Lab ID: 2401B92-004 **Matrix:** SOIL **Received Date:** 1/31/2024 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	2/2/2024 5:28:04 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/2/2024 5:28:04 PM
Surr: DNOP	105	61.2-134		%Rec	1	2/2/2024 5:28:04 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.8		mg/Kg	1	2/5/2024 1:25:06 PM
Surr: BFB	106	15-244		%Rec	1	2/5/2024 1:25:06 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	2/5/2024 1:25:06 PM
Toluene	ND	0.048		mg/Kg	1	2/5/2024 1:25:06 PM
Ethylbenzene	ND	0.048		mg/Kg	1	2/5/2024 1:25:06 PM
Xylenes, Total	ND	0.097		mg/Kg	1	2/5/2024 1:25:06 PM
Surr: 4-Bromofluorobenzene	91.4	39.1-146		%Rec	1	2/5/2024 1:25:06 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	2/3/2024 1:17:14 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

Analytical Report
Lab Order **2401B92**
Date Reported: **2/13/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY
Client Sample ID: HA05@0-0.5'
Project: SJ 29 6 Unit 86
Collection Date: 1/30/2024 10:30:00 AM
Lab ID: 2401B92-005 **Matrix:** SOIL **Received Date:** 1/31/2024 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.3		mg/Kg	1	2/2/2024 5:51:44 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/2/2024 5:51:44 PM
Surr: DNOP	108	61.2-134		%Rec	1	2/2/2024 5:51:44 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.9		mg/Kg	1	2/5/2024 1:49:01 PM
Surr: BFB	106	15-244		%Rec	1	2/5/2024 1:49:01 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	2/5/2024 1:49:01 PM
Toluene	ND	0.049		mg/Kg	1	2/5/2024 1:49:01 PM
Ethylbenzene	ND	0.049		mg/Kg	1	2/5/2024 1:49:01 PM
Xylenes, Total	ND	0.098		mg/Kg	1	2/5/2024 1:49:01 PM
Surr: 4-Bromofluorobenzene	92.0	39.1-146		%Rec	1	2/5/2024 1:49:01 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	59		mg/Kg	20	2/3/2024 1:30:06 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2401B92**
Date Reported: **2/13/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY
Client Sample ID: HA06@0-0.5'
Project: SJ 29 6 Unit 86
Collection Date: 1/30/2024 11:11:00 AM
Lab ID: 2401B92-006 **Matrix:** SOIL **Received Date:** 1/31/2024 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**
Diesel Range Organics (DRO)	ND	9.2		mg/Kg	1	2/2/2024 6:15:21 PM
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	2/2/2024 6:15:21 PM
Surr: DNOP	108	61.2-134		%Rec	1	2/2/2024 6:15:21 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	2/5/2024 2:12:58 PM
Surr: BFB	102	15-244		%Rec	1	2/5/2024 2:12:58 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.023		mg/Kg	1	2/5/2024 2:12:58 PM
Toluene	ND	0.047		mg/Kg	1	2/5/2024 2:12:58 PM
Ethylbenzene	ND	0.047		mg/Kg	1	2/5/2024 2:12:58 PM
Xylenes, Total	ND	0.094		mg/Kg	1	2/5/2024 2:12:58 PM
Surr: 4-Bromofluorobenzene	89.6	39.1-146		%Rec	1	2/5/2024 2:12:58 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	2/3/2024 1:42:58 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401B92**

13-Feb-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **MB-80236**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **80236**	RunNo: **102858**
Prep Date: **2/2/2024**	Analysis Date: **2/3/2024**	SeqNo: **3800520** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-80236**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **80236**	RunNo: **102858**
Prep Date: **2/2/2024**	Analysis Date: **2/3/2024**	SeqNo: **3800521** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401B92**

13-Feb-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **MB-80224**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **80224**	RunNo: **102843**
Prep Date: **2/1/2024**	Analysis Date: **2/2/2024**	SeqNo: **3800103** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	12		10.00		123	61.2	134			

Sample ID: **LCS-80224**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **80224**	RunNo: **102843**
Prep Date: **2/1/2024**	Analysis Date: **2/2/2024**	SeqNo: **3800104** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	6.4		5.000		127	69	147			

Sample ID: **MB-80220**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **80220**	RunNo: **102843**
Prep Date: **2/1/2024**	Analysis Date: **2/2/2024**	SeqNo: **3800108** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		110	61.2	134			

Sample ID: **LCS-80220**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **80220**	RunNo: **102843**
Prep Date: **2/1/2024**	Analysis Date: **2/2/2024**	SeqNo: **3800109** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	59	10	50.00	0	117	61.9	130			
Surr: DNOP	5.9		5.000		119	69	147			

Sample ID: **MB-80223**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **80223**	RunNo: **102856**
Prep Date: **2/1/2024**	Analysis Date: **2/2/2024**	SeqNo: **3800484** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		107	61.2	134			

Sample ID: **LCS-80223**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **80223**	RunNo: **102856**
Prep Date: **2/1/2024**	Analysis Date: **2/2/2024**	SeqNo: **3800485** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401B92**

13-Feb-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **LCS-80223**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **80223**	RunNo: **102856**
Prep Date: **2/1/2024**	Analysis Date: **2/2/2024**	SeqNo: **3800485** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.3	59.7	135			
Surr: DNOP	5.1		5.000		102	61.2	134			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401B92**

13-Feb-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **lcs-80192**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **80192**	RunNo: **102837**
Prep Date: **1/31/2024**	Analysis Date: **2/2/2024**	SeqNo: **3799767** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	115	70	130			
Surr: BFB	2200		1000		222	15	244			

Sample ID: **mb-80192**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **80192**	RunNo: **102837**
Prep Date: **1/31/2024**	Analysis Date: **2/2/2024**	SeqNo: **3799768** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		102	15	244			

Sample ID: **lcs-80203**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **80203**	RunNo: **102873**
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3800986** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	102	70	130			
Surr: BFB	2100		1000		206	15	244			

Sample ID: **mb-80203**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **80203**	RunNo: **102873**
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3800987** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	990		1000		99.1	15	244			

Sample ID: **2401b92-003ams**	SampType: **MS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **HA03@0-0.5'**	Batch ID: **80203**	RunNo: **102873**
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3801432** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	22	4.6	23.06	0	96.8	70	130			
Surr: BFB	1900		922.5		208	15	244			

Sample ID: **2401b92-003amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **HA03@0-0.5'**	Batch ID: **80203**	RunNo: **102873**
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3801433** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401B92**

13-Feb-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **2401b92-003amsd**	SampType: **MSD**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **HA03@0-0.5'**	Batch ID: **80203**	RunNo: **102873**
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3801433** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	4.6	23.17	0	97.5	70	130	1.20	20	
Surr: BFB	1900		926.8		210	15	244	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401B92**

13-Feb-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **LCS-80192**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **80192**	RunNo: **102837**
Prep Date: **1/31/2024**	Analysis Date: **2/2/2024**	SeqNo: **3799772** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.88	0.025	1.000	0	88.0	70	130			
Toluene	0.89	0.050	1.000	0	88.8	70	130			
Ethylbenzene	0.89	0.050	1.000	0	88.8	70	130			
Xylenes, Total	2.7	0.10	3.000	0	89.2	70	130			
Surr: 4-Bromofluorobenzene	0.93		1.000		92.6	39.1	146			

Sample ID: **mb-80192**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **80192**	RunNo: **102837**
Prep Date: **1/31/2024**	Analysis Date: **2/2/2024**	SeqNo: **3799773** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.88		1.000		88.0	39.1	146			

Sample ID: **LCS-80203**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **80203**	RunNo: **102873**
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3800993** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.84	0.025	1.000	0	84.4	70	130			
Toluene	0.84	0.050	1.000	0	84.2	70	130			
Ethylbenzene	0.85	0.050	1.000	0	85.4	70	130			
Xylenes, Total	2.6	0.10	3.000	0	85.8	70	130			
Surr: 4-Bromofluorobenzene	0.91		1.000		91.1	39.1	146			

Sample ID: **mb-80203**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **80203**	RunNo: **102873**
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3800994** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.89		1.000		88.6	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2401B92**

13-Feb-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **2401b92-004ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **HA04@0-0.5'**	Batch ID: **80203**	RunNo: **102873**							
Prep Date: **2/1/2024**	Analysis Date: **2/5/2024**	SeqNo: **3801492**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.74	0.024	0.9634	0	77.1	70	130			
Toluene	0.76	0.048	0.9634	0	78.5	70	130			
Ethylbenzene	0.77	0.048	0.9634	0.01027	78.9	70	130			
Xylenes, Total	2.4	0.096	2.890	0.06783	80.4	70	130			
Surr: 4-Bromofluorobenzene	0.87		0.9634		90.5	39.1	146			

Sample ID: **2401b92-004amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**							
Client ID: **HA04@0-0.5'**	Batch ID: **80203**	RunNo: **102873**							
Prep Date: **2/1/2024**	Analysis Date: **2/6/2024**	SeqNo: **3801494**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.71	0.024	0.9653	0	74.0	70	130	3.89	20	
Toluene	0.74	0.048	0.9653	0	76.2	70	130	2.74	20	
Ethylbenzene	0.74	0.048	0.9653	0.01027	76.0	70	130	3.48	20	
Xylenes, Total	2.3	0.097	2.896	0.06783	78.5	70	130	2.14	20	
Surr: 4-Bromofluorobenzene	0.88		0.9653		91.4	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: HILCORP ENERGY Work Order Number: 2401B92 RcptNo: 1

Received By: **Tracy Casarrubias** 1/31/2024 7:00:00 AM

Completed By: **Tracy Casarrubias** 1/31/2024 7:57:08 AM

Reviewed By: SCM 1/31/24

Chain of Custody

1. Is Chain of Custody complete?	Yes ☐	No ☑	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JM 1/31/24

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

Mailing address is missing on COC- TMC 1/31/24

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Hilcorp Energy Company

Attn: Samantha Grabert

Mailing Address:

Phone #: 337-781-9630

email or Fax#: samantha.grabert@hilcorp.com

QA/QC Package:

☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day

☑ Standard ☐ Rush

Project Name: SJ 29-6 Unit 86

Project #:

Project Manager: S. Hyde

Sampler: Al Thomson

On Ice: ☑ Yes ☐ No Yogi

# of Coolers: 1

Cooler Temp(including CF): 4.7 -0.1 = 4.6 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2401B92
1-30	9:18	soil	HA01@1-1.5'	1x 4oz	cool	001
	9:50		HA02@0-0.5'			002
	10:07		HA03@0-0.5'			003
	1021		HA04@0-0.5'			004
	1030		HA05@0-0.5'			005
	11:11		HA06@0-0.5'			006

Analysis Request

BTEX / ~~MTBE / TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Hold
X	X					X				
										X
X	X					X				

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
1-30	1500	Al Thomson			1/30/24	1500
1/30/24	1728			courier	1/31/24	7:00

Remarks: Please CC: shyde@ensolum.com

WWeichert@ensolum.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

February 15, 2024

Samantha Grabert
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499
TEL: (505) 564-0733
FAX:

RE: San Juan 29 6 Unit 86 OrderNo.: 2402216

Dear Samantha Grabert:

Eurofins Environment Testing South Central, LLC received 2 sample(s) on 2/6/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **2402216**
Date Reported: **2/15/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY
Client Sample ID: PH01@7'
Project: San Juan 29 6 Unit 86
Collection Date: 2/5/2024 9:40:00 AM
Lab ID: 2402216-001 **Matrix:** SOIL **Received Date:** 2/6/2024 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JKU**
Diesel Range Organics (DRO)	2100	97		mg/Kg	10	2/9/2024 12:19:47 PM
Motor Oil Range Organics (MRO)	ND	490	D	mg/Kg	10	2/9/2024 12:19:47 PM
Surr: DNOP	0	61.2-134	S	%Rec	10	2/9/2024 12:19:47 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	2800	49		mg/Kg	10	2/11/2024 8:59:55 PM
Surr: BFB	1120	15-244	S	%Rec	10	2/11/2024 8:59:55 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	0.64	0.25		mg/Kg	10	2/11/2024 8:59:55 PM
Toluene	34	0.49		mg/Kg	10	2/11/2024 8:59:55 PM
Ethylbenzene	12	0.49		mg/Kg	10	2/11/2024 8:59:55 PM
Xylenes, Total	220	9.9		mg/Kg	100	2/12/2024 1:07:41 PM
Surr: 4-Bromofluorobenzene	134	39.1-146		%Rec	10	2/11/2024 8:59:55 PM
EPA METHOD 300.0: ANIONS						Analyst: **RBC**
Chloride	ND	60		mg/Kg	20	2/9/2024 1:24:49 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2402216**
Date Reported: **2/15/2024**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: HILCORP ENERGY
Client Sample ID: PH01@17'
Project: San Juan 29 6 Unit 86
Collection Date: 2/5/2024 10:00:00 AM
Lab ID: 2402216-002 **Matrix:** SOIL
Received Date: 2/6/2024 6:40:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JKU**
Diesel Range Organics (DRO)	83	9.5		mg/Kg	1	2/9/2024 12:07:57 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	2/9/2024 12:07:57 PM
Surr: DNOP	88.7	61.2-134		%Rec	1	2/9/2024 12:07:57 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	49	4.9		mg/Kg	1	2/12/2024 1:31:22 PM
Surr: BFB	367	15-244	S	%Rec	1	2/12/2024 1:31:22 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.025		mg/Kg	1	2/12/2024 1:31:22 PM
Toluene	ND	0.049		mg/Kg	1	2/12/2024 1:31:22 PM
Ethylbenzene	0.11	0.049		mg/Kg	1	2/12/2024 1:31:22 PM
Xylenes, Total	1.4	0.099		mg/Kg	1	2/12/2024 1:31:22 PM
Surr: 4-Bromofluorobenzene	98.2	39.1-146		%Rec	1	2/12/2024 1:31:22 PM
EPA METHOD 300.0: ANIONS						Analyst: **RBC**
Chloride	ND	60		mg/Kg	20	2/9/2024 1:37:10 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402216**

15-Feb-24

Client: HILCORP ENERGY

Project: San Juan 29 6 Unit 86

Sample ID: **MB-80358**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **80358**	RunNo: **103010**
Prep Date: **2/9/2024**	Analysis Date: **2/9/2024**	SeqNo: **3807709** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-80358**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **80358**	RunNo: **103010**
Prep Date: **2/9/2024**	Analysis Date: **2/9/2024**	SeqNo: **3807710** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	94.4	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402216**

15-Feb-24

Client: HILCORP ENERGY

Project: San Juan 29 6 Unit 86

Sample ID: **MB-80330**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **80330**	RunNo: **102994**
Prep Date: **2/7/2024**	Analysis Date: **2/8/2024**	SeqNo: **3806975** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	11		10.00		112	61.2	134			

Sample ID: **LCS-80330**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **80330**	RunNo: **102994**
Prep Date: **2/7/2024**	Analysis Date: **2/8/2024**	SeqNo: **3806976** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	62	10	50.00	0	123	59.7	135			
Surr: DNOP	5.3		5.000		105	61.2	134			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402216**

15-Feb-24

Client: HILCORP ENERGY

Project: San Juan 29 6 Unit 86

Sample ID: **lcs-80289**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **LCSS**	Batch ID: **80289**	RunNo: **103014**							
Prep Date: **2/7/2024**	Analysis Date: **2/11/2024**	SeqNo: **3807952**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	26	5.0	25.00	0	103	70	130			
Surr: BFB	2000		1000		203	15	244			

Sample ID: **mb-80289**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**							
Client ID: **PBS**	Batch ID: **80289**	RunNo: **103014**							
Prep Date: **2/7/2024**	Analysis Date: **2/11/2024**	SeqNo: **3807953**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	980		1000		97.7	15	244			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402216**

15-Feb-24

Client: HILCORP ENERGY

Project: San Juan 29 6 Unit 86

Sample ID: **LCS-80289**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **80289**	RunNo: **103014**
Prep Date: **2/7/2024**	Analysis Date: **2/11/2024**	SeqNo: **3807961** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.025	1.000	0	86.1	70	130			
Toluene	0.87	0.050	1.000	0	87.0	70	130			
Ethylbenzene	0.88	0.050	1.000	0	87.7	70	130			
Xylenes, Total	2.6	0.10	3.000	0	87.9	70	130			
Surr: 4-Bromofluorobenzene	0.89		1.000		88.8	39.1	146			

Sample ID: **mb-80289**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **80289**	RunNo: **103014**
Prep Date: **2/7/2024**	Analysis Date: **2/11/2024**	SeqNo: **3807962** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		87.0	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **Hilcorp Energy** Work Order Number: **2402216** RcptNo: **1**

Received By: **Tracy Casarrubias** **2/6/2024 6:40:00 AM**

Completed By: **Tracy Casarrubias** **2/6/2024 7:39:21 AM**

Reviewed By: 2/6/24

Chain of Custody

1. Is Chain of Custody complete?	Yes ☐	No ☑	Not Present ☐	
2. How was the sample delivered?	Courier			

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: TMC 2/6/24

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: Mailing address and phone number are missing on COC- TMC 2/6/24

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.4	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Hilcorp Energy Company

Attn: Samantha Grabert

Mailing Address:

Phone #:

email or Fax#: Samantha.Grabert@hilcorp.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 5-day
☑ Standard ☐ Rush

Project Name: San Juan 29-6 unit 86

Project #:

Project Manager: Stuart Hyde

Sampler: Al Thomson

On Ice: ☑ Yes ☐ No 4.0g

# of Coolers: 1

Cooler Temp(Including CF): 1.4 + 0 = 1.4 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2407216	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2-5	9:40	Soil	PH01@7'	1x 4oz	Cool	001	X	X					X			
↓	10:00	↓	PH01@17'	↓	↓	002	X	X					X			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
2-5	1235	Al Thomson	Chet Walters		2/5/24	1235
2/5/24	1742	Christian Waller		courier	2/6/24	0740

Remarks: Please CC:
Shyde@ensolum.com
wweichert@ensolum.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

March 06, 2024

Samantha Grabert
HILCORP ENERGY
PO Box 4700
Farmington, NM 87499
TEL: (505) 564-0733
FAX

RE: SJ 29 6 Unit 86 OrderNo.: 2402B40

Dear Samantha Grabert:

Eurofins Environment Testing South Central, LLC received 1 sample(s) on 2/23/2024 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please do not hesitate to contact Eurofins Albuquerque for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2402B40**
Date Reported: **3/6/2024**

CLIENT: HILCORP ENERGY
Client Sample ID: PH02@19'
Project: SJ 29 6 Unit 86
Collection Date: 2/22/2024 12:02:00 PM
Lab ID: 2402B40-001 **Matrix:** SOIL
Received Date: 2/23/2024 7:35:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **JKU**
Diesel Range Organics (DRO)	160	8.4		mg/Kg	1	2/28/2024 12:15:43 PM
Motor Oil Range Organics (MRO)	ND	42		mg/Kg	1	2/28/2024 12:15:43 PM
Surr: DNOP	93.0	61.2-134		%Rec	1	2/28/2024 12:15:43 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **JJP**
Gasoline Range Organics (GRO)	97	4.8		mg/Kg	1	2/29/2024 5:00:42 PM
Surr: BFB	320	15-244	S	%Rec	1	2/29/2024 5:00:42 PM
EPA METHOD 8021B: VOLATILES						Analyst: **JJP**
Benzene	ND	0.024		mg/Kg	1	2/29/2024 5:00:42 PM
Toluene	0.15	0.048		mg/Kg	1	2/29/2024 5:00:42 PM
Ethylbenzene	0.24	0.048		mg/Kg	1	2/29/2024 5:00:42 PM
Xylenes, Total	4.7	0.096		mg/Kg	1	2/29/2024 5:00:42 PM
Surr: 4-Bromofluorobenzene	123	39.1-146		%Rec	1	2/29/2024 5:00:42 PM
EPA METHOD 300.0: ANIONS						Analyst: **SNS**
Chloride	ND	60		mg/Kg	20	2/28/2024 4:56:11 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix
E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
PQL	Practical Quanitative Limit
RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402B40**

06-Mar-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **LCS-80683**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**							
Client ID: **LCSS**	Batch ID: **80683**	RunNo: **103398**							
Prep Date: **2/28/2024**	Analysis Date: **2/28/2024**	SeqNo: **3825355**	Units: **mg/Kg**						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	95.3	90	110			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402B40**

06-Mar-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **MB-80670**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **80670**	RunNo: **103382**
Prep Date: **2/27/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824505** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	12		10.00		120	61.2	134			

Sample ID: **LCS-80670**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **80670**	RunNo: **103382**
Prep Date: **2/27/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824506** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	53	10	50.00	0	107	59.7	135			
Surr: DNOP	6.1		5.000		122	61.2	134			

Sample ID: **MB-80688**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **80688**	RunNo: **103382**
Prep Date: **2/28/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824817** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	9.5		10.00		95.2	61.2	134			

Sample ID: **LCS-80688**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **80688**	RunNo: **103382**
Prep Date: **2/28/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824818** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.6		5.000		92.2	61.2	134			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402B40**

06-Mar-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **lcs-80637**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **80637**	RunNo: **103380**
Prep Date: **2/26/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824465** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	90.8	70	130			
Surr: BFB	2000		1000		199	15	244			

Sample ID: **mb-80637**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **80637**	RunNo: **103380**
Prep Date: **2/26/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824466** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		103	15	244			

Sample ID: **lcs-80684**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **80684**	RunNo: **103426**
Prep Date: **2/28/2024**	Analysis Date: **2/29/2024**	SeqNo: **3826793** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	2000		1000		204	15	244			

Sample ID: **mb-80684**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **80684**	RunNo: **103426**
Prep Date: **2/28/2024**	Analysis Date: **2/29/2024**	SeqNo: **3826794** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		104	15	244			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2402B40**

06-Mar-24

Client: HILCORP ENERGY

Project: SJ 29 6 Unit 86

Sample ID: **LCS-80637**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **80637**	RunNo: **103380**
Prep Date: **2/26/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824470** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.90	0.025	1.000	0	90.5	70	130			
Toluene	0.93	0.050	1.000	0	93.5	70	130			
Ethylbenzene	0.95	0.050	1.000	0	95.0	70	130			
Xylenes, Total	2.9	0.10	3.000	0	96.4	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	39.1	146			

Sample ID: **mb-80637**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **80637**	RunNo: **103380**
Prep Date: **2/26/2024**	Analysis Date: **2/28/2024**	SeqNo: **3824471** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		99.4	39.1	146			

Sample ID: **LCS-80684**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **80684**	RunNo: **103426**
Prep Date: **2/28/2024**	Analysis Date: **2/29/2024**	SeqNo: **3826808** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.1		1.000		107	39.1	146			

Sample ID: **mb-80684**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **80684**	RunNo: **103426**
Prep Date: **2/28/2024**	Analysis Date: **2/29/2024**	SeqNo: **3826809** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		105	39.1	146			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

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Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **HILCORP ENERGY** Work Order Number: **2402B40** RcptNo: **1**

Received By: **Juan Rojas** **2/23/2024 7:35:00 AM**

Completed By: **Desiree Dominguez** **2/23/2024 8:02:15 AM**

Reviewed By: SCM 2/23/24

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: JM 2/23/24

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date: _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.9	Good	Yes	Yogi		

Chain-of-Custody Record

Client: HEC

Attn: Samantha Grabert

Mailing Address:

Phone #:

email or Fax#: SGrabert@Hilcorp.com

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:

☒ Standard (5 day) ☐ Rush

Project Name: SJ 29-6 Unit 86

Project #:

Project Manager: S. Hyde

Sampler: Peter Anderson

On Ice: ☐ Yes ☐ No

# of Coolers: 1 (Ice)

Cooler Temp(Including CF): 1.9-0=1.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 2402B40	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2-22-24	1202	Soil	PH02@19'	1-4 oz	Cold	-001	X	X					X			

Date	Time	Relinquished by	Received by	Via	Date	Time
2/22/24	1540				2/22/24	1540
2/22/24	1737			courier	2/23/24	7:35

Remarks:
CC: SHyde
WWeichert@Ensolum.com
Panderson

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

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ANALYTICAL REPORT

PREPARED FOR

Attn: Samantha Grabert
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 4/28/2024 8:04:17 PM

JOB DESCRIPTION

San Juan 29-6 Unit 86

JOB NUMBER

885-2774-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109

See page two for job notes and contact information.

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization

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4/28/2024 8:04:17 PM

Authorized for release by
Andy Freeman, Business Unit Manager
andy.freeman@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Laboratory Job ID: 885-2774-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Case Narrative

Client: Hilcorp Energy
Project: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Job ID: 885-2774-1 Eurofins Albuquerque

Job Narrative
885-2774-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt
The samples were received on 4/12/2024 6:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

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

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

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-78410 and analytical batch 880-78517 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

BH01@10 (885-2774-2), BH01@15 (885-2774-3), BH01@20 (885-2774-4), BH01@25 (885-2774-5), BH01@30 (885-2774-6), BH02@15 (885-2774-8), BH02@30 (885-2774-9) and BH05@10 (885-2774-11)

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

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH01@10

Date Collected: 04/08/24 12:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-2

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**590**		100		mg/Kg		04/12/24 13:27	04/16/24 17:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*319*	*S1+*	*15 - 244*	*04/12/24 13:27*	*04/16/24 17:01*	*20*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.040		mg/Kg		04/12/24 13:27	04/16/24 17:01	20
Ethylbenzene	**1.4**		1.0		mg/Kg		04/12/24 13:27	04/16/24 17:01	20
Toluene	ND		1.0		mg/Kg		04/12/24 13:27	04/16/24 17:01	20
Xylenes, Total	**22**		2.0		mg/Kg		04/12/24 13:27	04/16/24 17:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*		*39 - 146*	*04/12/24 13:27*	*04/16/24 17:01*	*20*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**990**		9.9		mg/Kg		04/12/24 16:06	04/15/24 14:30	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/12/24 16:06	04/15/24 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*04/12/24 16:06*	*04/15/24 14:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 17:28	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH01@15

Date Collected: 04/08/24 13:10
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-3

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		04/12/24 13:27	04/16/24 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*15 - 244*	*04/12/24 13:27*	*04/16/24 17:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/12/24 13:27	04/16/24 17:23	1
Ethylbenzene	ND		0.047		mg/Kg		04/12/24 13:27	04/16/24 17:23	1
Toluene	ND		0.047		mg/Kg		04/12/24 13:27	04/16/24 17:23	1
Xylenes, Total	ND		0.094		mg/Kg		04/12/24 13:27	04/16/24 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*39 - 146*	*04/12/24 13:27*	*04/16/24 17:23*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		04/12/24 16:06	04/15/24 16:35	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/12/24 16:06	04/15/24 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*04/12/24 16:06*	*04/15/24 16:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 17:42	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH01@20

Date Collected: 04/08/24 13:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-4

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.6		mg/Kg		04/12/24 13:27	04/16/24 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 244*	*04/12/24 13:27*	*04/16/24 17:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/12/24 13:27	04/16/24 17:45	1
Ethylbenzene	ND		0.046		mg/Kg		04/12/24 13:27	04/16/24 17:45	1
Toluene	ND		0.046		mg/Kg		04/12/24 13:27	04/16/24 17:45	1
Xylenes, Total	ND		0.093		mg/Kg		04/12/24 13:27	04/16/24 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*39 - 146*	*04/12/24 13:27*	*04/16/24 17:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**11**		9.5		mg/Kg		04/12/24 16:06	04/15/24 16:48	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/12/24 16:06	04/15/24 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*04/12/24 16:06*	*04/15/24 16:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 17:47	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH01@25

Date Collected: 04/08/24 13:30
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-5

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		04/12/24 13:27	04/16/24 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 244*	*04/12/24 13:27*	*04/16/24 18:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 13:27	04/16/24 18:08	1
Ethylbenzene	ND		0.049		mg/Kg		04/12/24 13:27	04/16/24 18:08	1
Toluene	ND		0.049		mg/Kg		04/12/24 13:27	04/16/24 18:08	1
Xylenes, Total	ND		0.098		mg/Kg		04/12/24 13:27	04/16/24 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*39 - 146*	*04/12/24 13:27*	*04/16/24 18:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		04/12/24 16:06	04/15/24 17:00	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/12/24 16:06	04/15/24 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*	*04/12/24 16:06*	*04/15/24 17:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.4**		5.0		mg/Kg			04/17/24 17:52	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH01@30

Date Collected: 04/08/24 13:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-6

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		04/12/24 13:27	04/16/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 244*	*04/12/24 13:27*	*04/16/24 18:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 13:27	04/16/24 18:30	1
Ethylbenzene	ND		0.049		mg/Kg		04/12/24 13:27	04/16/24 18:30	1
Toluene	ND		0.049		mg/Kg		04/12/24 13:27	04/16/24 18:30	1
Xylenes, Total	ND		0.098		mg/Kg		04/12/24 13:27	04/16/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*39 - 146*	*04/12/24 13:27*	*04/16/24 18:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.1		mg/Kg		04/12/24 16:06	04/15/24 17:12	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/12/24 16:06	04/15/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*04/12/24 16:06*	*04/15/24 17:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.1**		5.0		mg/Kg			04/17/24 17:57	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH02@15

Date Collected: 04/08/24 14:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-8

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		04/12/24 13:27	04/16/24 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 244*	*04/12/24 13:27*	*04/16/24 18:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/12/24 13:27	04/16/24 18:52	1
Ethylbenzene	ND		0.047		mg/Kg		04/12/24 13:27	04/16/24 18:52	1
Toluene	ND		0.047		mg/Kg		04/12/24 13:27	04/16/24 18:52	1
Xylenes, Total	ND		0.094		mg/Kg		04/12/24 13:27	04/16/24 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*39 - 146*	*04/12/24 13:27*	*04/16/24 18:52*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		04/12/24 16:06	04/15/24 17:25	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/12/24 16:06	04/15/24 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*04/12/24 16:06*	*04/15/24 17:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11		5.0		mg/Kg			04/17/24 18:02	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH02@30

Date Collected: 04/08/24 15:10
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-9

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		04/12/24 13:27	04/16/24 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*15 - 244*	*04/12/24 13:27*	*04/16/24 19:15*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 13:27	04/16/24 19:15	1
Ethylbenzene	ND		0.048		mg/Kg		04/12/24 13:27	04/16/24 19:15	1
Toluene	ND		0.048		mg/Kg		04/12/24 13:27	04/16/24 19:15	1
Xylenes, Total	ND		0.096		mg/Kg		04/12/24 13:27	04/16/24 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*39 - 146*	*04/12/24 13:27*	*04/16/24 19:15*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5		mg/Kg		04/12/24 16:06	04/15/24 17:37	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/12/24 16:06	04/15/24 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*04/12/24 16:06*	*04/15/24 17:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 18:07	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH05@10
Date Collected: 04/09/24 10:10
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-11
Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		04/12/24 17:15	04/17/24 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 244*	*04/12/24 17:15*	*04/17/24 00:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 17:15	04/17/24 00:48	1
Ethylbenzene	ND		0.048		mg/Kg		04/12/24 17:15	04/17/24 00:48	1
Toluene	ND		0.048		mg/Kg		04/12/24 17:15	04/17/24 00:48	1
Xylenes, Total	ND		0.095		mg/Kg		04/12/24 17:15	04/17/24 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*39 - 146*	*04/12/24 17:15*	*04/17/24 00:48*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		04/15/24 13:24	04/15/24 20:18	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/15/24 13:24	04/15/24 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*04/15/24 13:24*	*04/15/24 20:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 18:12	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH05@15

Date Collected: 04/09/24 10:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-12

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/12/24 17:15	04/17/24 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*15 - 244*	*04/12/24 17:15*	*04/17/24 01:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/12/24 17:15	04/17/24 01:10	1
Ethylbenzene	ND		0.050		mg/Kg		04/12/24 17:15	04/17/24 01:10	1
Toluene	ND		0.050		mg/Kg		04/12/24 17:15	04/17/24 01:10	1
Xylenes, Total	ND		0.10		mg/Kg		04/12/24 17:15	04/17/24 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*39 - 146*	*04/12/24 17:15*	*04/17/24 01:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		04/15/24 13:24	04/15/24 20:31	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		04/15/24 13:24	04/15/24 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*92*		*62 - 134*	*04/15/24 13:24*	*04/15/24 20:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 18:50	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH05@20

Date Collected: 04/09/24 10:30
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-13

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		04/12/24 17:15	04/17/24 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 244*	*04/12/24 17:15*	*04/17/24 01:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		04/12/24 17:15	04/17/24 01:32	1
Ethylbenzene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 01:32	1
Toluene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 01:32	1
Xylenes, Total	ND		0.094		mg/Kg		04/12/24 17:15	04/17/24 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*39 - 146*	*04/12/24 17:15*	*04/17/24 01:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.0		mg/Kg		04/15/24 13:24	04/15/24 20:55	1
Motor Oil Range Organics [C28-C40]	ND		45		mg/Kg		04/15/24 13:24	04/15/24 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*93*		*62 - 134*	*04/15/24 13:24*	*04/15/24 20:55*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 19:05	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH05@30

Date Collected: 04/09/24 10:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-15

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		04/12/24 17:15	04/17/24 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 244*	*04/12/24 17:15*	*04/17/24 01:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 17:15	04/17/24 01:54	1
Ethylbenzene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 01:54	1
Toluene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 01:54	1
Xylenes, Total	ND		0.095		mg/Kg		04/12/24 17:15	04/17/24 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*39 - 146*	*04/12/24 17:15*	*04/17/24 01:54*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.7		mg/Kg		04/15/24 13:24	04/15/24 21:08	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		04/15/24 13:24	04/15/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*04/15/24 13:24*	*04/15/24 21:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 19:10	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH04@10

Date Collected: 04/09/24 12:40
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-17

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**20**		4.9		mg/Kg		04/12/24 17:15	04/17/24 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*235*		*15 - 244*	*04/12/24 17:15*	*04/17/24 02:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 17:15	04/17/24 02:16	1
Ethylbenzene	**0.051**		0.049		mg/Kg		04/12/24 17:15	04/17/24 02:16	1
Toluene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 02:16	1
Xylenes, Total	ND		0.097		mg/Kg		04/12/24 17:15	04/17/24 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*39 - 146*	*04/12/24 17:15*	*04/17/24 02:16*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**33**		9.6		mg/Kg		04/15/24 13:24	04/15/24 21:20	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/15/24 13:24	04/15/24 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*95*		*62 - 134*	*04/15/24 13:24*	*04/15/24 21:20*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17**		5.0		mg/Kg			04/17/24 19:15	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH04@15

Date Collected: 04/09/24 12:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-18

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		04/12/24 17:15	04/17/24 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*15 - 244*	*04/12/24 17:15*	*04/17/24 03:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/12/24 17:15	04/17/24 03:00	1
Ethylbenzene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 03:00	1
Toluene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 03:00	1
Xylenes, Total	ND		0.099		mg/Kg		04/12/24 17:15	04/17/24 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*39 - 146*	*04/12/24 17:15*	*04/17/24 03:00*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.6		mg/Kg		04/15/24 13:24	04/15/24 21:32	1
Motor Oil Range Organics [C28-C40]	ND		43		mg/Kg		04/15/24 13:24	04/15/24 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*04/15/24 13:24*	*04/15/24 21:32*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.6**		5.0		mg/Kg			04/17/24 19:19	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH04@20

Date Collected: 04/09/24 13:00
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-19

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.8		mg/Kg		04/12/24 17:15	04/17/24 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 244*	*04/12/24 17:15*	*04/17/24 03:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 17:15	04/17/24 03:22	1
Ethylbenzene	ND		0.048		mg/Kg		04/12/24 17:15	04/17/24 03:22	1
Toluene	ND		0.048		mg/Kg		04/12/24 17:15	04/17/24 03:22	1
Xylenes, Total	ND		0.096		mg/Kg		04/12/24 17:15	04/17/24 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*39 - 146*	*04/12/24 17:15*	*04/17/24 03:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		04/15/24 13:24	04/15/24 21:44	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/15/24 13:24	04/15/24 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*96*		*62 - 134*	*04/15/24 13:24*	*04/15/24 21:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.1**		5.0		mg/Kg			04/17/24 19:34	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH04@25

Date Collected: 04/09/24 13:10
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-20

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/12/24 17:15	04/17/24 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*15 - 244*	*04/12/24 17:15*	*04/17/24 03:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/12/24 17:15	04/17/24 03:44	1
Ethylbenzene	ND		0.050		mg/Kg		04/12/24 17:15	04/17/24 03:44	1
Toluene	ND		0.050		mg/Kg		04/12/24 17:15	04/17/24 03:44	1
Xylenes, Total	ND		0.10		mg/Kg		04/12/24 17:15	04/17/24 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*39 - 146*	*04/12/24 17:15*	*04/17/24 03:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3		mg/Kg		04/15/24 13:24	04/15/24 21:57	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/15/24 13:24	04/15/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*04/15/24 13:24*	*04/15/24 21:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13**		5.0		mg/Kg			04/17/24 19:39	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH03@15

Date Collected: 04/09/24 14:00
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-22

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		04/12/24 17:15	04/17/24 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 244*	*04/12/24 17:15*	*04/17/24 04:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 17:15	04/17/24 04:06	1
Ethylbenzene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 04:06	1
Toluene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 04:06	1
Xylenes, Total	ND		0.094		mg/Kg		04/12/24 17:15	04/17/24 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*39 - 146*	*04/12/24 17:15*	*04/17/24 04:06*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.2		mg/Kg		04/15/24 13:24	04/15/24 22:09	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/15/24 13:24	04/15/24 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*04/15/24 13:24*	*04/15/24 22:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 19:44	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH03@24

Date Collected: 04/09/24 14:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-23

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		04/12/24 17:15	04/17/24 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 244*	*04/12/24 17:15*	*04/17/24 04:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 17:15	04/17/24 04:28	1
Ethylbenzene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 04:28	1
Toluene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 04:28	1
Xylenes, Total	ND		0.098		mg/Kg		04/12/24 17:15	04/17/24 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*39 - 146*	*04/12/24 17:15*	*04/17/24 04:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		04/15/24 13:24	04/15/24 22:21	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		04/15/24 13:24	04/15/24 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*04/15/24 13:24*	*04/15/24 22:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18**		5.1		mg/Kg			04/17/24 19:48	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH06@5

Date Collected: 04/10/24 10:30
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-24

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.9		mg/Kg		04/12/24 17:15	04/17/24 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*15 - 244*	*04/12/24 17:15*	*04/17/24 04:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/12/24 17:15	04/17/24 04:50	1
Ethylbenzene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 04:50	1
Toluene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 04:50	1
Xylenes, Total	ND		0.099		mg/Kg		04/12/24 17:15	04/17/24 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*39 - 146*	*04/12/24 17:15*	*04/17/24 04:50*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		8.8		mg/Kg		04/15/24 13:24	04/15/24 22:33	1
Motor Oil Range Organics [C28-C40]	ND		44		mg/Kg		04/15/24 13:24	04/15/24 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*04/15/24 13:24*	*04/15/24 22:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1		mg/Kg			04/17/24 19:53	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH06@15

Date Collected: 04/10/24 10:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-26

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	11		4.9		mg/Kg		04/12/24 17:15	04/17/24 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*166*		*15 - 244*	*04/12/24 17:15*	*04/17/24 05:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/12/24 17:15	04/17/24 05:12	1
Ethylbenzene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 05:12	1
Toluene	ND		0.049		mg/Kg		04/12/24 17:15	04/17/24 05:12	1
Xylenes, Total	ND		0.099		mg/Kg		04/12/24 17:15	04/17/24 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*39 - 146*	*04/12/24 17:15*	*04/17/24 05:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	18		9.8		mg/Kg		04/16/24 11:49	04/17/24 12:17	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/16/24 11:49	04/17/24 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*120*		*62 - 134*	*04/16/24 11:49*	*04/17/24 12:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.1		mg/Kg			04/17/24 19:58	1

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH06@30

Date Collected: 04/10/24 11:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-29

Matrix: Solid

Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.7		mg/Kg		04/12/24 17:15	04/17/24 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 244*	*04/12/24 17:15*	*04/17/24 05:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		04/12/24 17:15	04/17/24 05:34	1
Ethylbenzene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 05:34	1
Toluene	ND		0.047		mg/Kg		04/12/24 17:15	04/17/24 05:34	1
Xylenes, Total	ND		0.094		mg/Kg		04/12/24 17:15	04/17/24 05:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*39 - 146*	*04/12/24 17:15*	*04/17/24 05:34*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.6		mg/Kg		04/16/24 11:49	04/17/24 12:29	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/16/24 11:49	04/17/24 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*04/16/24 11:49*	*04/17/24 12:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.4**		5.0		mg/Kg			04/17/24 20:13	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-3206/1-A
Matrix: Solid
Analysis Batch: 3430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3206

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/12/24 13:27	04/16/24 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*15 - 244*	*04/12/24 13:27*	*04/16/24 10:07*	*1*

Lab Sample ID: LCS 885-3206/2-A
Matrix: Solid
Analysis Batch: 3430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3206

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.3		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*229*		*15 - 244*

Lab Sample ID: MB 885-3240/1-A
Matrix: Solid
Analysis Batch: 3430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3240

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/12/24 17:15	04/16/24 21:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*15 - 244*	*04/12/24 17:15*	*04/16/24 21:06*	*1*

Lab Sample ID: LCS 885-3240/2-A
Matrix: Solid
Analysis Batch: 3430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3240

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.9		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*226*		*15 - 244*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-3206/1-A
Matrix: Solid
Analysis Batch: 3432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3206

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/12/24 13:27	04/16/24 10:07	1
Ethylbenzene	ND		0.050		mg/Kg		04/12/24 13:27	04/16/24 10:07	1
Toluene	ND		0.050		mg/Kg		04/12/24 13:27	04/16/24 10:07	1
Xylenes, Total	ND		0.10		mg/Kg		04/12/24 13:27	04/16/24 10:07	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

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

Lab Sample ID: MB 885-3206/1-A
Matrix: Solid
Analysis Batch: 3432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3206

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		39 - 146	04/12/24 13:27	04/16/24 10:07	1

Lab Sample ID: LCS 885-3206/3-A
Matrix: Solid
Analysis Batch: 3432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.968		mg/Kg		97	70 - 130
Ethylbenzene	1.00	0.969		mg/Kg		97	70 - 130
m&p-Xylene	2.00	1.94		mg/Kg		97	70 - 130
o-Xylene	1.00	0.973		mg/Kg		97	70 - 130
Toluene	1.00	0.963		mg/Kg		96	70 - 130
Xylenes, Total	3.00	2.91		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		39 - 146

Lab Sample ID: MB 885-3240/1-A
Matrix: Solid
Analysis Batch: 3432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3240

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/12/24 17:15	04/16/24 21:06	1
Ethylbenzene	ND		0.050		mg/Kg		04/12/24 17:15	04/16/24 21:06	1
Toluene	ND		0.050		mg/Kg		04/12/24 17:15	04/16/24 21:06	1
Xylenes, Total	ND		0.10		mg/Kg		04/12/24 17:15	04/16/24 21:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		39 - 146	04/12/24 17:15	04/16/24 21:06	1

Lab Sample ID: LCS 885-3240/3-A
Matrix: Solid
Analysis Batch: 3432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.962		mg/Kg		96	70 - 130
Ethylbenzene	1.00	0.971		mg/Kg		97	70 - 130
m&p-Xylene	2.00	1.95		mg/Kg		98	70 - 130
o-Xylene	1.00	0.988		mg/Kg		99	70 - 130
Toluene	1.00	0.956		mg/Kg		96	70 - 130
Xylenes, Total	3.00	2.94		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		39 - 146

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-3233/1-A
Matrix: Solid
Analysis Batch: 3332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3233

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/12/24 16:06	04/15/24 11:00	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/12/24 16:06	04/15/24 11:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*102*		*62 - 134*	*04/12/24 16:06*	*04/15/24 11:00*	*1*

Lab Sample ID: LCS 885-3233/2-A
Matrix: Solid
Analysis Batch: 3332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3233

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	49.0		mg/Kg		98	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*

Lab Sample ID: MB 885-3301/1-A
Matrix: Solid
Analysis Batch: 3332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3301

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/15/24 13:24	04/15/24 18:02	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/15/24 13:24	04/15/24 18:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*98*		*62 - 134*	*04/15/24 13:24*	*04/15/24 18:02*	*1*

Lab Sample ID: LCS 885-3301/2-A
Matrix: Solid
Analysis Batch: 3332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3301

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	47.4		mg/Kg		95	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*

Lab Sample ID: 885-2774-24 MS
Matrix: Solid
Analysis Batch: 3332

Client Sample ID: BH06@5
Prep Type: Total/NA
Prep Batch: 3301

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		46.9	43.5		mg/Kg		93	44 - 136		

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

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

Lab Sample ID: 885-2774-24 MS
Matrix: Solid
Analysis Batch: 3332

Client Sample ID: BH06@5
Prep Type: Total/NA
Prep Batch: 3301

Surrogate	MS %Recovery	MS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*105*		*62 - 134*

Lab Sample ID: 885-2774-24 MSD
Matrix: Solid
Analysis Batch: 3332

Client Sample ID: BH06@5
Prep Type: Total/NA
Prep Batch: 3301

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		45.4	43.4		mg/Kg		96	44 - 136	0	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Di-n-octyl phthalate (Surr)	*104*		*62 - 134*

Lab Sample ID: MB 885-3340/1-A
Matrix: Solid
Analysis Batch: 3484

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 3340

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/16/24 11:49	04/17/24 16:58	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/16/24 11:49	04/17/24 16:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	*129*		*62 - 134*	*04/16/24 11:49*	*04/17/24 16:58*	*1*

Lab Sample ID: LCS 885-3340/2-A
Matrix: Solid
Analysis Batch: 3484

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 3340

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	63.7		mg/Kg		127	60 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Di-n-octyl phthalate (Surr)	*127*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-78410/1-A
Matrix: Solid
Analysis Batch: 78517

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 15:46	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-78410/2-A
Matrix: Solid
Analysis Batch: 78517

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	250		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-78410/3-A
Matrix: Solid
Analysis Batch: 78517

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	256		mg/Kg		102	90 - 110	3	20

Lab Sample ID: MB 880-78411/1-A
Matrix: Solid
Analysis Batch: 78519

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0		mg/Kg			04/17/24 18:36	1

Lab Sample ID: LCS 880-78411/2-A
Matrix: Solid
Analysis Batch: 78519

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	253		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-78411/3-A
Matrix: Solid
Analysis Batch: 78519

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	254		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 885-2774-12 MS
Matrix: Solid
Analysis Batch: 78519

Client Sample ID: BH05@15
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		252	251		mg/Kg		98	90 - 110		

Lab Sample ID: 885-2774-12 MSD
Matrix: Solid
Analysis Batch: 78519

Client Sample ID: BH05@15
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		252	250		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 885-2774-26 MS
Matrix: Solid
Analysis Batch: 78519

Client Sample ID: BH06@15
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		253	252		mg/Kg		98	90 - 110		

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-2774-26 MSD
Matrix: Solid
Analysis Batch: 78519

Client Sample ID: BH06@15
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		253	251		mg/Kg		98	90 - 110	0	20

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

GC VOA

Prep Batch: 3206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-2	BH01@10	Total/NA	Solid	5030C	
885-2774-3	BH01@15	Total/NA	Solid	5030C	
885-2774-4	BH01@20	Total/NA	Solid	5030C	
885-2774-5	BH01@25	Total/NA	Solid	5030C	
885-2774-6	BH01@30	Total/NA	Solid	5030C	
885-2774-8	BH02@15	Total/NA	Solid	5030C	
885-2774-9	BH02@30	Total/NA	Solid	5030C	
MB 885-3206/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-3206/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-3206/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Prep Batch: 3240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-11	BH05@10	Total/NA	Solid	5030C	
885-2774-12	BH05@15	Total/NA	Solid	5030C	
885-2774-13	BH05@20	Total/NA	Solid	5030C	
885-2774-15	BH05@30	Total/NA	Solid	5030C	
885-2774-17	BH04@10	Total/NA	Solid	5030C	
885-2774-18	BH04@15	Total/NA	Solid	5030C	
885-2774-19	BH04@20	Total/NA	Solid	5030C	
885-2774-20	BH04@25	Total/NA	Solid	5030C	
885-2774-22	BH03@15	Total/NA	Solid	5030C	
885-2774-23	BH03@24	Total/NA	Solid	5030C	
885-2774-24	BH06@5	Total/NA	Solid	5030C	
885-2774-26	BH06@15	Total/NA	Solid	5030C	
885-2774-29	BH06@30	Total/NA	Solid	5030C	
MB 885-3240/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-3240/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-3240/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 3430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-2	BH01@10	Total/NA	Solid	8015D	3206
885-2774-3	BH01@15	Total/NA	Solid	8015D	3206
885-2774-4	BH01@20	Total/NA	Solid	8015D	3206
885-2774-5	BH01@25	Total/NA	Solid	8015D	3206
885-2774-6	BH01@30	Total/NA	Solid	8015D	3206
885-2774-8	BH02@15	Total/NA	Solid	8015D	3206
885-2774-9	BH02@30	Total/NA	Solid	8015D	3206
885-2774-11	BH05@10	Total/NA	Solid	8015D	3240
885-2774-12	BH05@15	Total/NA	Solid	8015D	3240
885-2774-13	BH05@20	Total/NA	Solid	8015D	3240
885-2774-15	BH05@30	Total/NA	Solid	8015D	3240
885-2774-17	BH04@10	Total/NA	Solid	8015D	3240
885-2774-18	BH04@15	Total/NA	Solid	8015D	3240
885-2774-19	BH04@20	Total/NA	Solid	8015D	3240
885-2774-20	BH04@25	Total/NA	Solid	8015D	3240
885-2774-22	BH03@15	Total/NA	Solid	8015D	3240
885-2774-23	BH03@24	Total/NA	Solid	8015D	3240
885-2774-24	BH06@5	Total/NA	Solid	8015D	3240
885-2774-26	BH06@15	Total/NA	Solid	8015D	3240

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

GC VOA (Continued)

Analysis Batch: 3430 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-29	BH06@30	Total/NA	Solid	8015D	3240
MB 885-3206/1-A	Method Blank	Total/NA	Solid	8015D	3206
MB 885-3240/1-A	Method Blank	Total/NA	Solid	8015D	3240
LCS 885-3206/2-A	Lab Control Sample	Total/NA	Solid	8015D	3206
LCS 885-3240/2-A	Lab Control Sample	Total/NA	Solid	8015D	3240

Analysis Batch: 3432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-2	BH01@10	Total/NA	Solid	8021B	3206
885-2774-3	BH01@15	Total/NA	Solid	8021B	3206
885-2774-4	BH01@20	Total/NA	Solid	8021B	3206
885-2774-5	BH01@25	Total/NA	Solid	8021B	3206
885-2774-6	BH01@30	Total/NA	Solid	8021B	3206
885-2774-8	BH02@15	Total/NA	Solid	8021B	3206
885-2774-9	BH02@30	Total/NA	Solid	8021B	3206
885-2774-11	BH05@10	Total/NA	Solid	8021B	3240
885-2774-12	BH05@15	Total/NA	Solid	8021B	3240
885-2774-13	BH05@20	Total/NA	Solid	8021B	3240
885-2774-15	BH05@30	Total/NA	Solid	8021B	3240
885-2774-17	BH04@10	Total/NA	Solid	8021B	3240
885-2774-18	BH04@15	Total/NA	Solid	8021B	3240
885-2774-19	BH04@20	Total/NA	Solid	8021B	3240
885-2774-20	BH04@25	Total/NA	Solid	8021B	3240
885-2774-22	BH03@15	Total/NA	Solid	8021B	3240
885-2774-23	BH03@24	Total/NA	Solid	8021B	3240
885-2774-24	BH06@5	Total/NA	Solid	8021B	3240
885-2774-26	BH06@15	Total/NA	Solid	8021B	3240
885-2774-29	BH06@30	Total/NA	Solid	8021B	3240
MB 885-3206/1-A	Method Blank	Total/NA	Solid	8021B	3206
MB 885-3240/1-A	Method Blank	Total/NA	Solid	8021B	3240
LCS 885-3206/3-A	Lab Control Sample	Total/NA	Solid	8021B	3206
LCS 885-3240/3-A	Lab Control Sample	Total/NA	Solid	8021B	3240

GC Semi VOA

Prep Batch: 3233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-2	BH01@10	Total/NA	Solid	SHAKE	
885-2774-3	BH01@15	Total/NA	Solid	SHAKE	
885-2774-4	BH01@20	Total/NA	Solid	SHAKE	
885-2774-5	BH01@25	Total/NA	Solid	SHAKE	
885-2774-6	BH01@30	Total/NA	Solid	SHAKE	
885-2774-8	BH02@15	Total/NA	Solid	SHAKE	
885-2774-9	BH02@30	Total/NA	Solid	SHAKE	
MB 885-3233/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-3233/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 3301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-11	BH05@10	Total/NA	Solid	SHAKE	
885-2774-12	BH05@15	Total/NA	Solid	SHAKE	

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

GC Semi VOA (Continued)

Prep Batch: 3301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-13	BH05@20	Total/NA	Solid	SHAKE	
885-2774-15	BH05@30	Total/NA	Solid	SHAKE	
885-2774-17	BH04@10	Total/NA	Solid	SHAKE	
885-2774-18	BH04@15	Total/NA	Solid	SHAKE	
885-2774-19	BH04@20	Total/NA	Solid	SHAKE	
885-2774-20	BH04@25	Total/NA	Solid	SHAKE	
885-2774-22	BH03@15	Total/NA	Solid	SHAKE	
885-2774-23	BH03@24	Total/NA	Solid	SHAKE	
885-2774-24	BH06@5	Total/NA	Solid	SHAKE	
MB 885-3301/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-3301/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-2774-24 MS	BH06@5	Total/NA	Solid	SHAKE	
885-2774-24 MSD	BH06@5	Total/NA	Solid	SHAKE	

Analysis Batch: 3332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-2	BH01@10	Total/NA	Solid	8015D	3233
885-2774-3	BH01@15	Total/NA	Solid	8015D	3233
885-2774-4	BH01@20	Total/NA	Solid	8015D	3233
885-2774-5	BH01@25	Total/NA	Solid	8015D	3233
885-2774-6	BH01@30	Total/NA	Solid	8015D	3233
885-2774-8	BH02@15	Total/NA	Solid	8015D	3233
885-2774-9	BH02@30	Total/NA	Solid	8015D	3233
885-2774-11	BH05@10	Total/NA	Solid	8015D	3301
885-2774-12	BH05@15	Total/NA	Solid	8015D	3301
885-2774-13	BH05@20	Total/NA	Solid	8015D	3301
885-2774-15	BH05@30	Total/NA	Solid	8015D	3301
885-2774-17	BH04@10	Total/NA	Solid	8015D	3301
885-2774-18	BH04@15	Total/NA	Solid	8015D	3301
885-2774-19	BH04@20	Total/NA	Solid	8015D	3301
885-2774-20	BH04@25	Total/NA	Solid	8015D	3301
885-2774-22	BH03@15	Total/NA	Solid	8015D	3301
885-2774-23	BH03@24	Total/NA	Solid	8015D	3301
885-2774-24	BH06@5	Total/NA	Solid	8015D	3301
MB 885-3233/1-A	Method Blank	Total/NA	Solid	8015D	3233
MB 885-3301/1-A	Method Blank	Total/NA	Solid	8015D	3301
LCS 885-3233/2-A	Lab Control Sample	Total/NA	Solid	8015D	3233
LCS 885-3301/2-A	Lab Control Sample	Total/NA	Solid	8015D	3301
885-2774-24 MS	BH06@5	Total/NA	Solid	8015D	3301
885-2774-24 MSD	BH06@5	Total/NA	Solid	8015D	3301

Prep Batch: 3340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-26	BH06@15	Total/NA	Solid	SHAKE	
885-2774-29	BH06@30	Total/NA	Solid	SHAKE	
MB 885-3340/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-3340/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Analysis Batch: 3463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-26	BH06@15	Total/NA	Solid	8015D	3340

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

GC Semi VOA (Continued)

Analysis Batch: 3463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-29	BH06@30	Total/NA	Solid	8015D	3340

Analysis Batch: 3484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-3340/1-A	Method Blank	Total/NA	Solid	8015D	3340
LCS 885-3340/2-A	Lab Control Sample	Total/NA	Solid	8015D	3340

HPLC/IC

Leach Batch: 78410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-2	BH01@10	Soluble	Solid	DI Leach	
885-2774-3	BH01@15	Soluble	Solid	DI Leach	
885-2774-4	BH01@20	Soluble	Solid	DI Leach	
885-2774-5	BH01@25	Soluble	Solid	DI Leach	
885-2774-6	BH01@30	Soluble	Solid	DI Leach	
885-2774-8	BH02@15	Soluble	Solid	DI Leach	
885-2774-9	BH02@30	Soluble	Solid	DI Leach	
885-2774-11	BH05@10	Soluble	Solid	DI Leach	
MB 880-78410/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78410/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78410/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 78411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-12	BH05@15	Soluble	Solid	DI Leach	
885-2774-13	BH05@20	Soluble	Solid	DI Leach	
885-2774-15	BH05@30	Soluble	Solid	DI Leach	
885-2774-17	BH04@10	Soluble	Solid	DI Leach	
885-2774-18	BH04@15	Soluble	Solid	DI Leach	
885-2774-19	BH04@20	Soluble	Solid	DI Leach	
885-2774-20	BH04@25	Soluble	Solid	DI Leach	
885-2774-22	BH03@15	Soluble	Solid	DI Leach	
885-2774-23	BH03@24	Soluble	Solid	DI Leach	
885-2774-24	BH06@5	Soluble	Solid	DI Leach	
885-2774-26	BH06@15	Soluble	Solid	DI Leach	
885-2774-29	BH06@30	Soluble	Solid	DI Leach	
MB 880-78411/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-78411/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-78411/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
885-2774-12 MS	BH05@15	Soluble	Solid	DI Leach	
885-2774-12 MSD	BH05@15	Soluble	Solid	DI Leach	
885-2774-26 MS	BH06@15	Soluble	Solid	DI Leach	
885-2774-26 MSD	BH06@15	Soluble	Solid	DI Leach	

Analysis Batch: 78517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-2	BH01@10	Soluble	Solid	300.0	78410
885-2774-3	BH01@15	Soluble	Solid	300.0	78410
885-2774-4	BH01@20	Soluble	Solid	300.0	78410
885-2774-5	BH01@25	Soluble	Solid	300.0	78410

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

HPLC/IC (Continued)

Analysis Batch: 78517 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-6	BH01@30	Soluble	Solid	300.0	78410
885-2774-8	BH02@15	Soluble	Solid	300.0	78410
885-2774-9	BH02@30	Soluble	Solid	300.0	78410
885-2774-11	BH05@10	Soluble	Solid	300.0	78410
MB 880-78410/1-A	Method Blank	Soluble	Solid	300.0	78410
LCS 880-78410/2-A	Lab Control Sample	Soluble	Solid	300.0	78410
LCSD 880-78410/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78410

Analysis Batch: 78519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-2774-12	BH05@15	Soluble	Solid	300.0	78411
885-2774-13	BH05@20	Soluble	Solid	300.0	78411
885-2774-15	BH05@30	Soluble	Solid	300.0	78411
885-2774-17	BH04@10	Soluble	Solid	300.0	78411
885-2774-18	BH04@15	Soluble	Solid	300.0	78411
885-2774-19	BH04@20	Soluble	Solid	300.0	78411
885-2774-20	BH04@25	Soluble	Solid	300.0	78411
885-2774-22	BH03@15	Soluble	Solid	300.0	78411
885-2774-23	BH03@24	Soluble	Solid	300.0	78411
885-2774-24	BH06@5	Soluble	Solid	300.0	78411
885-2774-26	BH06@15	Soluble	Solid	300.0	78411
885-2774-29	BH06@30	Soluble	Solid	300.0	78411
MB 880-78411/1-A	Method Blank	Soluble	Solid	300.0	78411
LCS 880-78411/2-A	Lab Control Sample	Soluble	Solid	300.0	78411
LCSD 880-78411/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	78411
885-2774-12 MS	BH05@15	Soluble	Solid	300.0	78411
885-2774-12 MSD	BH05@15	Soluble	Solid	300.0	78411
885-2774-26 MS	BH06@15	Soluble	Solid	300.0	78411
885-2774-26 MSD	BH06@15	Soluble	Solid	300.0	78411

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH01@10 — Lab Sample ID: 885-2774-2

Date Collected: 04/08/24 12:50 — **Matrix: Solid**
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8015D		20	3430	RA	EET ALB	04/16/24 17:01
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8021B		20	3432	RA	EET ALB	04/16/24 17:01
Total/NA	Prep	SHAKE			3233	SB	EET ALB	04/12/24 16:06
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 14:30
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 17:28

Client Sample ID: BH01@15 — Lab Sample ID: 885-2774-3

Date Collected: 04/08/24 13:10 — **Matrix: Solid**
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/16/24 17:23
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/16/24 17:23
Total/NA	Prep	SHAKE			3233	SB	EET ALB	04/12/24 16:06
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 16:35
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 17:42

Client Sample ID: BH01@20 — Lab Sample ID: 885-2774-4

Date Collected: 04/08/24 13:20 — **Matrix: Solid**
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/16/24 17:45
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/16/24 17:45
Total/NA	Prep	SHAKE			3233	SB	EET ALB	04/12/24 16:06
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 16:48
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 17:47

Client Sample ID: BH01@25 — Lab Sample ID: 885-2774-5

Date Collected: 04/08/24 13:30 — **Matrix: Solid**
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/16/24 18:08

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH01@25
Date Collected: 04/08/24 13:30
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/16/24 18:08
Total/NA	Prep	SHAKE			3233	SB	EET ALB	04/12/24 16:06
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 17:00
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 17:52

Client Sample ID: BH01@30
Date Collected: 04/08/24 13:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/16/24 18:30
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/16/24 18:30
Total/NA	Prep	SHAKE			3233	SB	EET ALB	04/12/24 16:06
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 17:12
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 17:57

Client Sample ID: BH02@15
Date Collected: 04/08/24 14:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/16/24 18:52
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/16/24 18:52
Total/NA	Prep	SHAKE			3233	SB	EET ALB	04/12/24 16:06
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 17:25
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 18:02

Client Sample ID: BH02@30
Date Collected: 04/08/24 15:10
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/16/24 19:15
Total/NA	Prep	5030C			3206	JP	EET ALB	04/12/24 13:27
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/16/24 19:15

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-2774-1
Project/Site: San Juan 29-6 Unit 86

Client Sample ID: BH02@30
Lab Sample ID: 885-2774-9
Date Collected: 04/08/24 15:10
Matrix: Solid
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			3233	SB	EET ALB	04/12/24 16:06
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 17:37
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 18:07

Client Sample ID: BH05@10
Lab Sample ID: 885-2774-11
Date Collected: 04/09/24 10:10
Matrix: Solid
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 00:48
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 00:48
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 20:18
Soluble	Leach	DI Leach			78410	SA	EET MID	04/16/24 14:48
Soluble	Analysis	300.0		1	78517	SMC	EET MID	04/17/24 18:12

Client Sample ID: BH05@15
Lab Sample ID: 885-2774-12
Date Collected: 04/09/24 10:20
Matrix: Solid
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 01:10
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 01:10
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 20:31
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 18:50

Client Sample ID: BH05@20
Lab Sample ID: 885-2774-13
Date Collected: 04/09/24 10:30
Matrix: Solid
Date Received: 04/12/24 06:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 01:32
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 01:32
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 20:55

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH05@20
Date Collected: 04/09/24 10:30
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:05

Client Sample ID: BH05@30
Date Collected: 04/09/24 10:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 01:54
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 01:54
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 21:08
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:10

Client Sample ID: BH04@10
Date Collected: 04/09/24 12:40
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 02:16
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 02:16
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 21:20
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:15

Client Sample ID: BH04@15
Date Collected: 04/09/24 12:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 03:00
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 03:00
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 21:32
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:19

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH04@20
Date Collected: 04/09/24 13:00
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 03:22
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 03:22
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 21:44
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:34

Client Sample ID: BH04@25
Date Collected: 04/09/24 13:10
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 03:44
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 03:44
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 21:57
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:39

Client Sample ID: BH03@15
Date Collected: 04/09/24 14:00
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 04:06
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 04:06
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 22:09
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:44

Client Sample ID: BH03@24
Date Collected: 04/09/24 14:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 04:28

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH03@24
Date Collected: 04/09/24 14:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 04:28
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 22:21
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:48

Client Sample ID: BH06@5
Date Collected: 04/10/24 10:30
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 04:50
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 04:50
Total/NA	Prep	SHAKE			3301	JU	EET ALB	04/15/24 13:24
Total/NA	Analysis	8015D		1	3332	JU	EET ALB	04/15/24 22:33
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:53

Client Sample ID: BH06@15
Date Collected: 04/10/24 10:50
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 05:12
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 05:12
Total/NA	Prep	SHAKE			3340	DH	EET ALB	04/16/24 11:49
Total/NA	Analysis	8015D		1	3463	JU	EET ALB	04/17/24 12:17
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 19:58

Client Sample ID: BH06@30
Date Collected: 04/10/24 11:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8015D		1	3430	RA	EET ALB	04/17/24 05:34
Total/NA	Prep	5030C			3240	JP	EET ALB	04/12/24 17:15
Total/NA	Analysis	8021B		1	3432	RA	EET ALB	04/17/24 05:34

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 29-6 Unit 86

Job ID: 885-2774-1

Client Sample ID: BH06@30

Date Collected: 04/10/24 11:20
Date Received: 04/12/24 06:50

Lab Sample ID: 885-2774-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			3340	DH	EET ALB	04/16/24 11:49
Total/NA	Analysis	8015D		1	3463	JU	EET ALB	04/17/24 12:29
Soluble	Leach	DI Leach			78411	SA	EET MID	04/16/24 14:50
Soluble	Analysis	300.0		1	78519	SMC	EET MID	04/17/24 20:13

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

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

Accreditation/Certification Summary

Client: Hilcorp Energy
Job ID: 885-2774-1
Project/Site: San Juan 29-6 Unit 86

Laboratory: Eurofins Albuquerque

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

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-26-25

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

Analysis Method	Prep Method	Matrix	Analyte
8015D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Oregon	NELAP	NM100001	02-26-25

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

Analysis Method	Prep Method	Matrix	Analyte
8015D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5030C	Solid	Benzene
8021B	5030C	Solid	Ethylbenzene
8021B	5030C	Solid	Toluene
8021B	5030C	Solid	Xylenes, Total

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Chain-of-Custody Record

Client: Hilcorp Energy Company
Attn: Samantha Grabert
Mailing Address:
Phone #: 337-781-9630
email or Fax#: samantha.grabert@hilcorp.com
QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☑ EDD (Type)

Turn-Around Time: 5-day
☑ Standard ☐ Rush
Project Name: San Juan 29-6 Unit 86
Project #:
Project Manager: Stuart Hyde
Sampler: Al Thomson
On Ice: ☑ Yes ☐ No ugi
# of Coolers: 1
Cooler Temp(Including CF): 3.3+0=3.3 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORA
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-2774 COC

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE~~ / ~~TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Hold
4-8	1240	Soil	BH01@5	1x 4oz	cool	1							X				X
	1250		BH01@10			2	X	X					X				
	1310		BH01@15			3	X	X					X				
	1320		BH01@20			4	X	X					X				
	1330		BH01@25			5	X	X					X				
	1350		BH01@30			6	X	X					X				
	1400		BH01@35			7											X
	1450		BH02@15			8	X	X					X				
↓	1510	↓	BH02@30	↓	↓	9	X	X					X				

Date	Time	Relinquished by	Received by:	Via	Date	Time
4-11	1500	Al Thomson	Chant Walte		4/11/24	1500
4/11/24	1800	Chant Walte		Via. courier	4/12/24	6:50

Remarks:
cc: shyde@ensolum.com
athomson@ensolum.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Chain-of-Custody Record

Client: Hilcorp Energy Company
Attn: Samantha Grabert
Mailing Address:
Phone #: 337-781-9630
email or Fax#: Samantha.grabert@hilcorp.com
QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)
Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other
☑ EDD (Type)

Turn-Around Time: 5-day
☑ Standard ☐ Rush
Project Name: San Juan 29-6 Unit 86
Project #:
Project Manager: Stuart Hyde
Sampler: Al Thomson
On Ice: ☒ Yes ☐ No Yogi
# of Coolers: 1
Cooler Temp(Including CF): 3.3 + 0 = 3.3 (°C)

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Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE / TMBs~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Hold
4-9	1000	soil	BH05@5	9x 4oz	Cool	10											X
	1010		BH05@10			11	X	X					X				
	1020		BH05@15			12	X	X					X				
	1030		BH05@20			13	X	X					X				
	1040		BH05@25			14											X
	1050		BH05@30			15	X	X					X				
	1230		BH04@5			16											X
	1240		BH04@10			17	X	X					X				
	1250		BH04@15			18	X	X					X				
	1300		BH04@20			19	X	X					X				
	1310		BH04@25			20	X	X					X				
	1320		BH04@30			21											X

Date	Time	Relinquished by:	Received by:	Via	Date	Time
4/11	1500	Al Thomson	Christ Walker		4/11/24	1500
4/11/24	1800	Christ Walker		courier	4/12/24	6:50

Remarks: Please CC:
shyde@ensolum.com
athomson@ensolum.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories This serves as notice of this possibility Any sub-contracted data will be clearly notated on the analytical report

Chain-of-Custody Record

Client: Hilcorp Energy Company

Attn: Samantha Grabert

Mailing Address:

Phone #: 337-781-9630

email or Fax#: samantha.grabert@hilcorp.com

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☑ EDD (Type)

Turn-Around Time:
5-day
☑ Standard ☐ Rush

Project Name:
San Juan 29-6 Unit 86

Project #:

Project Manager:
Stuart Hyde

Sampler: Al Thomson

On Ice: ☑ Yes ☐ No 4.0gi

# of Coolers: 1

Cooler Temp(including CF): 3.9 +0=3.9 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
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4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / ~~MTBE / TMB's~~ (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Hold
4-9	1400	Soil	BH03@15	1x 4oz	Cool	22	X	X					X				
4-9	1420	Soil	BH03@24			23	X	X					X				
4-10	1030		BH06@5			24	X	X					X				
	1040		BH06@10			25											X
	1050		BH06@15			26	X	X					X				
	1100		BH06@20			27											X
	1110		BH06@25			28											X
	1120		BH06@30			29	X	X					X				

Date	Time:	Relinquished by	Received by:	Via.	Date	Time
4-11	1500	Al Thomson	Chris Walker		4/11/24	1506
4/11/24	1800	Chris Walker		Courier	4/12/24	6:50

Remarks: Please CC:
shyde@ensolum.com
athomson@ensolum.com

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Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-2774-1

Login Number: 2774 **List Source: Eurofins Albuquerque**
List Number: 1
Creator: Casarrubias, Tracy

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

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-2774-1

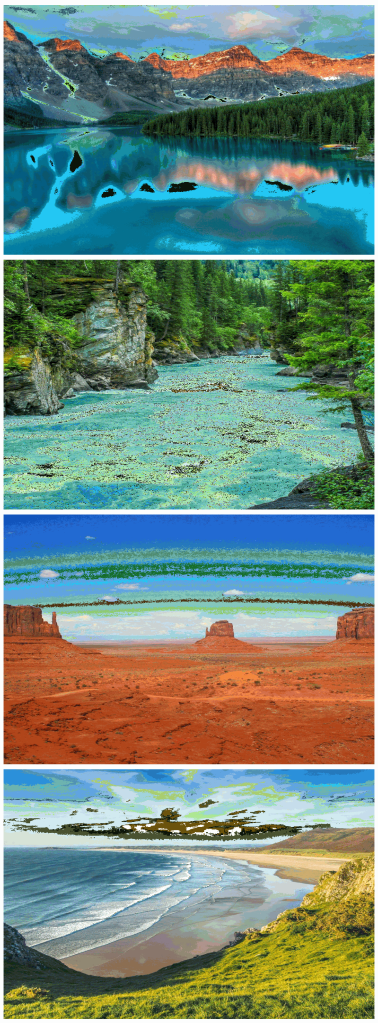
Login Number: 2774
List Number: 2
Creator: Vasquez, Julisa

List Source: Eurofins Midland
List Creation: 04/17/24 12:03 PM

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

Report to:

Kate Kaufman



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: San Juan 29-6 #86

Work Order: E511024

Job Number: 17051-0002

Received: 11/5/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/17/25

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.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 11/17/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 29-6 #86
Workorder: E511024
Date Received: 11/5/2025 10:29:00AM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/5/2025 10:29:00AM, under the Project Name: San Juan 29-6 #86.

The analytical test results summarized in this report with the Project Name: San Juan 29-6 #86 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 reguarding 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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Lynn Jarboe
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ljarboe@envirotech-inc.com

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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/25 16:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01	E511024-01A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS02	E511024-02A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS03	E511024-03A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS04	E511024-04A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS05	E511024-05A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS06	E511024-06A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS07	E511024-07A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS08	E511024-08A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS09	E511024-09A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS10	E511024-10A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS11	E511024-11A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS12	E511024-12A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS13	E511024-13A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS14	E511024-14A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS15	E511024-15A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS16	E511024-16A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS17	E511024-17A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS18	E511024-18A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS19	E511024-19A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS20	E511024-20A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS21	E511024-21A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS22	E511024-22A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS23	E511024-23A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS24	E511024-24A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS25	E511024-25A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS26	E511024-26A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS27	E511024-27A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS28	E511024-28A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS29	E511024-29A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS30	E511024-30A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS31	E511024-31A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS32	E511024-32A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS33	E511024-33A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS34	E511024-34A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS35	E511024-35A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS36	E511024-36A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS37	E511024-37A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS38	E511024-38A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS39	E511024-39A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS40	E511024-40A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS41	E511024-41A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.
FS42	E511024-42A	Soil	11/03/25	11/05/25	Glass Jar, 4 oz.

Sample Summary

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/25 16:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS43	E511024-43A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
FS44	E511024-44A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
FS45	E511024-45A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
FS46	E511024-46A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
FS47	E511024-47A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
FS48	E511024-48A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
FS49	E511024-49A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
FS50	E511024-50A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW01	E511024-51A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW02	E511024-52A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW03	E511024-53A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW04	E511024-54A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW05	E511024-55A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW06	E511024-56A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW07	E511024-57A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW08	E511024-58A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW09	E511024-59A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW10	E511024-60A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW11	E511024-61A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW12	E511024-62A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW13	E511024-63A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW14	E511024-64A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW15	E511024-65A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW16	E511024-66A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW17	E511024-67A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW18	E511024-68A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW19	E511024-69A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW20	E511024-70A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW21	E511024-71A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW22	E511024-72A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW23	E511024-73A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW24	E511024-74A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW25	E511024-75A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW26	E511024-76A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW27	E511024-77A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW28	E511024-78A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW29	E511024-79A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.
SW30	E511024-80A	Soil	11/04/25	11/05/25	Glass Jar, 4 oz.

Case Narative:

Project Name: San Juan 29-6 #86
Workorder:E511024
Date Received: 11/05/25 10:29

The client requested the following sample(s) to be re-extracted and re-analyzed:

Sample Name	Laboratory ID	Analysis
FS28	E511024-28A	DRO/ORO 8015

The analytical test results summarized in this revised report represent this re-extration and re-analysis.

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

Respectfully,

Walter Hinchman

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS01

E511024-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.2 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*93.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS02

E511024-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*93.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS03

E511024-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.5 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*90.5 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS04

E511024-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.5 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.6 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*92.8 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS05

E511024-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*93.1 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS06

E511024-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*90.4 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS07

E511024-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	**0.0256**	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	**0.0731**	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	**0.275**	0.0500	1	11/05/25	11/07/25	
Total Xylenes	**0.348**	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	**34.2**	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*89.5 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS08

E511024-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.4 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*89.4 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS09

E511024-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.4 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*91.6 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS10

E511024-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/08/25	
Toluene	ND	0.0250	1	11/05/25	11/08/25	
o-Xylene	ND	0.0250	1	11/05/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*11/05/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*11/05/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*91.1 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS11

E511024-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.3 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.2 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS12

E511024-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.4 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.9 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS13

E511024-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.8 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*91.4 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS14

E511024-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/07/25	
Toluene	ND	0.0250	1	11/05/25	11/07/25	
o-Xylene	ND	0.0250	1	11/05/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*11/05/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*93.9 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS15

E511024-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/11/25	
Toluene	ND	0.0250	1	11/05/25	11/11/25	
o-Xylene	ND	0.0250	1	11/05/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.0 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*95.3 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS16

E511024-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/11/25	
Toluene	ND	0.0250	1	11/05/25	11/11/25	
o-Xylene	ND	0.0250	1	11/05/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.3 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.0 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS17

E511024-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/11/25	
Toluene	ND	0.0250	1	11/05/25	11/11/25	
o-Xylene	ND	0.0250	1	11/05/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*90.2 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.4 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*90.2 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS18

E511024-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/11/25	
Toluene	**0.0255**	0.0250	1	11/05/25	11/11/25	
o-Xylene	ND	0.0250	1	11/05/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*90.3 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS19

E511024-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/11/25	
Toluene	ND	0.0250	1	11/05/25	11/11/25	
o-Xylene	ND	0.0250	1	11/05/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.7 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*90.6 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS20

E511024-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Benzene	ND	0.0250	1	11/05/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/05/25	11/11/25	
Toluene	ND	0.0250	1	11/05/25	11/11/25	
o-Xylene	ND	0.0250	1	11/05/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/05/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/05/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.2 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/05/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2545121
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.1 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2545158
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS21

E511024-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*98.2 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS22

E511024-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*98.2 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS23

E511024-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.7 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*98.5 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS24

E511024-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.4 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*97.5 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS25

E511024-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*95.4 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS26

E511024-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*98.3 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS27

E511024-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*96.9 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS28

E511024-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547001
Diesel Range Organics (C10-C28)	**29.6**	25.0	1	11/17/25	11/17/25	
Oil Range Organics (C28-C36)	**84.4**	50.0	1	11/17/25	11/17/25	
Surrogate: n-Nonane		*96.9 %*	*61-141*	*11/17/25*	*11/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS29

E511024-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*97.0 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS30

E511024-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*97.2 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS31

E511024-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*98.4 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS32

E511024-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*98.5 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS33

E511024-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	**0.0265**	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	**0.0265**	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	**30.3**	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS34

E511024-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*96.9 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS35

E511024-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*98.1 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS36

E511024-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.8 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*98.8 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS37

E511024-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*99.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS38

E511024-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*98.9 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

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E511024-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.5 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*99.9 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

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E511024-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Benzene	ND	0.0250	1	11/06/25	11/08/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/08/25	
Toluene	ND	0.0250	1	11/06/25	11/08/25	
o-Xylene	ND	0.0250	1	11/06/25	11/08/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/08/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*11/06/25*	*11/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545122
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*98.0 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2545159
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS41

E511024-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*91.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*91.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*99.9 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

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E511024-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*95.1 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

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E511024-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*92.6 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*92.6 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*96.6 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

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E511024-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*97.1 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS45

E511024-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*97.0 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	**159**	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS46

E511024-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.3 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*95.0 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS47

E511024-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*92.4 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*92.4 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*96.2 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS48

E511024-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*93.6 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	**87.5**	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS49

E511024-49

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.8 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.0 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

FS50

E511024-50

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*92.6 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*99.5 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*92.6 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*92.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/07/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW01

E511024-51

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*96.5 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW02

E511024-52

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*91.2 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW03

E511024-53

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.9 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*96.4 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW04

E511024-54

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.5 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*93.1 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW05

E511024-55

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*100 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.2 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*91.3 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW06

E511024-56

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*93.7 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*92.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW07

E511024-57

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/07/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/07/25	
Toluene	ND	0.0250	1	11/06/25	11/07/25	
o-Xylene	ND	0.0250	1	11/06/25	11/07/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/07/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/07/25	
Surrogate: Bromofluorobenzene		*101 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*	*11/06/25*	*11/07/25*	
Surrogate: Toluene-d8		*94.4 %*	*70-130*	*11/06/25*	*11/07/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*95.1 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW08

E511024-58

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/11/25	
Toluene	ND	0.0250	1	11/06/25	11/11/25	
o-Xylene	ND	0.0250	1	11/06/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/11/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*87.3 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: Toluene-d8		*90.7 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/11/25	
Surrogate: Bromofluorobenzene		*102 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*87.3 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: Toluene-d8		*90.7 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*96.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW09

E511024-59

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/11/25	
Toluene	ND	0.0250	1	11/06/25	11/11/25	
o-Xylene	ND	0.0250	1	11/06/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/11/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*86.8 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: Toluene-d8		*91.1 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/11/25	
Surrogate: Bromofluorobenzene		*103 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*86.8 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: Toluene-d8		*91.1 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*97.6 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW10

E511024-60

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Benzene	ND	0.0250	1	11/06/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/11/25	
Toluene	ND	0.0250	1	11/06/25	11/11/25	
o-Xylene	ND	0.0250	1	11/06/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/11/25	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*86.9 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: Toluene-d8		*90.4 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2545112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/11/25	
Surrogate: Bromofluorobenzene		*99.4 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: 1,2-Dichloroethane-d4		*86.9 %*	*70-130*	*11/06/25*	*11/11/25*	
Surrogate: Toluene-d8		*90.4 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545126
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*96.0 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2545160
Chloride	ND	20.0	1	11/07/25	11/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW11

E511024-61

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*93.8 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW12

E511024-62

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*91.9 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW13

E511024-63

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*90.7 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW14

E511024-64

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*90.7 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW15

E511024-65

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*89.7 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW16

E511024-66

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*93.6 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	**73.3**	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW17

E511024-67

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*93.6 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW18

E511024-68

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*93.8 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW19

E511024-69

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.5 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*93.9 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW20

E511024-70

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*91.6 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	**121**	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW21

E511024-71

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*90.7 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW22

E511024-72

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*92.7 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	**60.6**	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW23

E511024-73

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*91.4 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW24

E511024-74

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/06/25	
Surrogate: n-Nonane		*93.1 %*	*61-141*	*11/06/25*	*11/06/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW25

E511024-75

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.4 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW26

E511024-76

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*106 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*95.3 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	**150**	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW27

E511024-77

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*94.9 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW28

E511024-78

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/10/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/10/25	
Toluene	ND	0.0250	1	11/06/25	11/10/25	
o-Xylene	ND	0.0250	1	11/06/25	11/10/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/10/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/10/25	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*11/06/25*	*11/10/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*91.1 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW29

E511024-79

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/11/25	
Toluene	ND	0.0250	1	11/06/25	11/11/25	
o-Xylene	ND	0.0250	1	11/06/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*92.4 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

SW30

E511024-80

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Benzene	ND	0.0250	1	11/06/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/06/25	11/11/25	
Toluene	ND	0.0250	1	11/06/25	11/11/25	
o-Xylene	ND	0.0250	1	11/06/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/06/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/06/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2545113
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*11/06/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2545127
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/25	11/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/25	11/07/25	
Surrogate: n-Nonane		*91.7 %*	*61-141*	*11/06/25*	*11/07/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546017
Chloride	ND	20.0	1	11/10/25	11/10/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545112-BLK1)									Prepared: 11/06/25 Analyzed: 11/07/25
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: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.460*		*0.500*		*92.0*	*70-130*			
LCS (2545112-BS1)									Prepared: 11/06/25 Analyzed: 11/07/25
Benzene	2.57	0.0250	2.50		103	70-130			
Ethylbenzene	2.21	0.0250	2.50		88.3	70-130			
Toluene	2.11	0.0250	2.50		84.4	70-130			
o-Xylene	2.11	0.0250	2.50		84.4	70-130			
p,m-Xylene	4.27	0.0500	5.00		85.3	70-130			
Total Xylenes	6.37	0.0250	7.50		85.0	70-130			
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.497*		*0.500*		*99.3*	*70-130*			
Surrogate: Toluene-d8	*0.458*		*0.500*		*91.5*	*70-130*			
Matrix Spike (2545112-MS1)				**Source: E511024-45**					Prepared: 11/06/25 Analyzed: 11/07/25
Benzene	2.54	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.16	0.0250	2.50	ND	86.6	45-135			
Toluene	2.07	0.0250	2.50	ND	83.0	48-130			
o-Xylene	2.04	0.0250	2.50	ND	81.5	43-135			
p,m-Xylene	4.14	0.0500	5.00	ND	82.8	43-135			
Total Xylenes	6.18	0.0250	7.50	ND	82.4	43-135			
Surrogate: Bromofluorobenzene	*0.510*		*0.500*		*102*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.458*		*0.500*		*91.5*	*70-130*			
Matrix Spike Dup (2545112-MSD1)				**Source: E511024-45**					Prepared: 11/06/25 Analyzed: 11/07/25
Benzene	2.57	0.0250	2.50	ND	103	48-131	1.02	23	
Ethylbenzene	2.18	0.0250	2.50	ND	87.3	45-135	0.851	27	
Toluene	2.05	0.0250	2.50	ND	82.1	48-130	1.07	24	
o-Xylene	2.10	0.0250	2.50	ND	83.8	43-135	2.81	27	
p,m-Xylene	4.22	0.0500	5.00	ND	84.4	43-135	1.89	27	
Total Xylenes	6.32	0.0250	7.50	ND	84.2	43-135	2.19	27	
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.506*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.450*		*0.500*		*90.0*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545106-BLK1)									Prepared: 11/05/25 Analyzed: 11/07/25
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	*7.56*		*8.00*		*94.5*	*70-130*			
LCS (2545106-BS1)									Prepared: 11/05/25 Analyzed: 11/07/25
Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.07	0.0250	5.00		101	70-130			
Toluene	5.27	0.0250	5.00		105	70-130			
o-Xylene	5.18	0.0250	5.00		104	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.57*		*8.00*		*94.6*	*70-130*			
Matrix Spike (2545106-MS1)				**Source: E511024-10**					Prepared: 11/05/25 Analyzed: 11/11/25
Benzene	5.16	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	70-130			
Toluene	5.01	0.0250	5.00	ND	100	70-130			
o-Xylene	4.89	0.0250	5.00	ND	97.8	70-130			
p,m-Xylene	9.78	0.0500	10.0	ND	97.8	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.43*		*8.00*		*92.9*	*70-130*			
Matrix Spike Dup (2545106-MSD1)				**Source: E511024-10**					Prepared: 11/05/25 Analyzed: 11/08/25
Benzene	5.29	0.0250	5.00	ND	106	70-130	2.62	27	
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	70-130	3.66	26	
Toluene	5.17	0.0250	5.00	ND	103	70-130	3.23	20	
o-Xylene	5.10	0.0250	5.00	ND	102	70-130	4.24	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	3.68	23	
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130	3.87	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.4*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545110-BLK1)									Prepared: 11/06/25 Analyzed: 11/07/25
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	*7.84*		*8.00*		*98.0*	*70-130*			
LCS (2545110-BS1)									Prepared: 11/06/25 Analyzed: 11/07/25
Benzene	4.55	0.0250	5.00		90.9	70-130			
Ethylbenzene	4.45	0.0250	5.00		88.9	70-130			
Toluene	4.54	0.0250	5.00		90.8	70-130			
o-Xylene	4.53	0.0250	5.00		90.6	70-130			
p,m-Xylene	9.10	0.0500	10.0		91.0	70-130			
Total Xylenes	13.6	0.0250	15.0		90.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.8*	*70-130*			
Matrix Spike (2545110-MS1)				**Source: E511024-24**					Prepared: 11/06/25 Analyzed: 11/08/25
Benzene	5.22	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.12	0.0250	5.00	ND	102	70-130			
Toluene	5.22	0.0250	5.00	ND	104	70-130			
o-Xylene	5.19	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.7	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.06*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2545110-MSD1)				**Source: E511024-24**					Prepared: 11/06/25 Analyzed: 11/08/25
Benzene	5.47	0.0250	5.00	ND	109	70-130	4.63	27	
Ethylbenzene	5.40	0.0250	5.00	ND	108	70-130	5.31	26	
Toluene	5.49	0.0250	5.00	ND	110	70-130	4.96	20	
o-Xylene	5.48	0.0250	5.00	ND	110	70-130	5.43	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	5.42	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	5.42	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.07*		*8.00*		*101*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545113-BLK1)									Prepared: 11/06/25 Analyzed: 11/10/25
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	*8.16*		*8.00*		*102*	*70-130*			
LCS (2545113-BS1)									Prepared: 11/06/25 Analyzed: 11/10/25
Benzene	4.40	0.0250	5.00		88.1	70-130			
Ethylbenzene	4.48	0.0250	5.00		89.7	70-130			
Toluene	4.53	0.0250	5.00		90.7	70-130			
o-Xylene	4.56	0.0250	5.00		91.2	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.22*		*8.00*		*103*	*70-130*			
Matrix Spike (2545113-MS1)				**Source: E511024-69**					Prepared: 11/06/25 Analyzed: 11/10/25
Benzene	4.82	0.0250	5.00	ND	96.4	70-130			
Ethylbenzene	4.89	0.0250	5.00	ND	97.7	70-130			
Toluene	4.96	0.0250	5.00	ND	99.1	70-130			
o-Xylene	4.96	0.0250	5.00	ND	99.3	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.91*		*8.00*		*98.9*	*70-130*			
Matrix Spike Dup (2545113-MSD1)				**Source: E511024-69**					Prepared: 11/06/25 Analyzed: 11/10/25
Benzene	4.59	0.0250	5.00	ND	91.8	70-130	4.86	27	
Ethylbenzene	4.69	0.0250	5.00	ND	93.8	70-130	4.13	26	
Toluene	4.74	0.0250	5.00	ND	94.9	70-130	4.39	20	
o-Xylene	4.77	0.0250	5.00	ND	95.4	70-130	3.99	25	
p,m-Xylene	9.60	0.0500	10.0	ND	96.0	70-130	4.05	23	
Total Xylenes	14.4	0.0250	15.0	ND	95.8	70-130	4.03	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.93*		*8.00*		*99.2*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545106-BLK1)									Prepared: 11/05/25 Analyzed: 11/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.21*		*8.00*		*90.1*	*70-130*			
LCS (2545106-BS2)									Prepared: 11/05/25 Analyzed: 11/08/25
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.92*		*8.00*		*86.5*	*70-130*			
Matrix Spike (2545106-MS2)				**Source: E511024-10**					Prepared: 11/05/25 Analyzed: 11/08/25
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.19*		*8.00*		*89.8*	*70-130*			
Matrix Spike Dup (2545106-MSD2)				**Source: E511024-10**					Prepared: 11/05/25 Analyzed: 11/08/25
Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130	6.61	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.20*		*8.00*		*90.0*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545110-BLK1)									Prepared: 11/06/25 Analyzed: 11/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
LCS (2545110-BS2)									Prepared: 11/06/25 Analyzed: 11/07/25
Gasoline Range Organics (C6-C10)	58.6	20.0	50.0		117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.1*	*70-130*			
Matrix Spike (2545110-MS2)				**Source: E511024-24**					Prepared: 11/06/25 Analyzed: 11/08/25
Gasoline Range Organics (C6-C10)	63.2	20.0	50.0	ND	126	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.44*		*8.00*		*93.1*	*70-130*			
Matrix Spike Dup (2545110-MSD2)				**Source: E511024-24**					Prepared: 11/06/25 Analyzed: 11/08/25
Gasoline Range Organics (C6-C10)	62.4	20.0	50.0	ND	125	70-130	1.41	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.37*		*8.00*		*92.2*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545112-BLK1)									Prepared: 11/06/25 Analyzed: 11/07/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.460*		*0.500*		*92.0*	*70-130*			
LCS (2545112-BS2)									Prepared: 11/06/25 Analyzed: 11/07/25
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	*0.520*		*0.500*		*104*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.515*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.460*		*0.500*		*91.9*	*70-130*			
Matrix Spike (2545112-MS2)				**Source: E511024-45**					Prepared: 11/06/25 Analyzed: 11/08/25
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.4	70-130			
Surrogate: Bromofluorobenzene	*0.534*		*0.500*		*107*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.495*		*0.500*		*99.0*	*70-130*			
Surrogate: Toluene-d8	*0.461*		*0.500*		*92.2*	*70-130*			
Matrix Spike Dup (2545112-MSD2)				**Source: E511024-45**					Prepared: 11/06/25 Analyzed: 11/08/25
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	4.97	20	
Surrogate: Bromofluorobenzene	*0.524*		*0.500*		*105*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.513*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.465*		*0.500*		*93.0*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545113-BLK1)									Prepared: 11/06/25 Analyzed: 11/10/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.48*		*8.00*		*106*	*70-130*			
LCS (2545113-BS2)									Prepared: 11/06/25 Analyzed: 11/10/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.47*		*8.00*		*106*	*70-130*			
Matrix Spike (2545113-MS2)				**Source: E511024-69**					Prepared: 11/06/25 Analyzed: 11/10/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.67*		*8.00*		*108*	*70-130*			
Matrix Spike Dup (2545113-MSD2)				**Source: E511024-69**					Prepared: 11/06/25 Analyzed: 11/10/25
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130	10.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.78*		*8.00*		*110*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545121-BLK1)									Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.2*	*61-141*			
LCS (2545121-BS1)									Prepared: 11/06/25 Analyzed: 11/07/25
Diesel Range Organics (C10-C28)	222	25.0	250		89.0	66-144			
Surrogate: n-Nonane	*42.4*		*50.0*		*84.7*	*61-141*			
Matrix Spike (2545121-MS1)				**Source: E511024-07**					Prepared: 11/06/25 Analyzed: 11/07/25
Diesel Range Organics (C10-C28)	278	25.0	250	34.2	97.7	56-156			
Surrogate: n-Nonane	*46.0*		*50.0*		*92.0*	*61-141*			
Matrix Spike Dup (2545121-MSD1)				**Source: E511024-07**					Prepared: 11/06/25 Analyzed: 11/07/25
Diesel Range Organics (C10-C28)	260	25.0	250	34.2	90.1	56-156	7.00	20	
Surrogate: n-Nonane	*44.0*		*50.0*		*88.1*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545122-BLK1)									Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.8*		*50.0*		*91.6*	*61-141*			
LCS (2545122-BS1)									Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	66-144			
Surrogate: n-Nonane	*46.9*		*50.0*		*93.8*	*61-141*			
Matrix Spike (2545122-MS1)				**Source: E511024-28**					Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	277	25.0	250	29.5	99.1	56-156			
Surrogate: n-Nonane	*49.6*		*50.0*		*99.2*	*61-141*			
Matrix Spike Dup (2545122-MSD1)				**Source: E511024-28**					Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	269	25.0	250	29.5	95.6	56-156	3.21	20	
Surrogate: n-Nonane	*48.1*		*50.0*		*96.2*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545126-BLK1)									Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.4*		*50.0*		*92.8*	*61-141*			
LCS (2545126-BS1)									Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	239	25.0	250		95.7	66-144			
Surrogate: n-Nonane	*46.4*		*50.0*		*92.8*	*61-141*			
Matrix Spike (2545126-MS1)				**Source: E511024-50**					Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	*46.2*		*50.0*		*92.3*	*61-141*			
Matrix Spike Dup (2545126-MSD1)				**Source: E511024-50**					Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	56-156	0.494	20	
Surrogate: n-Nonane	*46.7*		*50.0*		*93.4*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545127-BLK1)									Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*44.6*		*50.0*		*89.1*	*61-141*			
LCS (2545127-BS1)									Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	230	25.0	250		92.1	66-144			
Surrogate: n-Nonane	*45.1*		*50.0*		*90.2*	*61-141*			
Matrix Spike (2545127-MS1)				**Source: E511024-61**					Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.4	56-156			
Surrogate: n-Nonane	*46.4*		*50.0*		*92.7*	*61-141*			
Matrix Spike Dup (2545127-MSD1)				**Source: E511024-61**					Prepared: 11/06/25 Analyzed: 11/06/25
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	56-156	0.819	20	
Surrogate: n-Nonane	*48.1*		*50.0*		*96.3*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547001-BLK1)									Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*61.3*		*50.0*		*123*	*61-141*			
LCS (2547001-BS1)									Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	66-144			
Surrogate: n-Nonane	*47.2*		*50.0*		*94.5*	*61-141*			
Matrix Spike (2547001-MS1)				**Source: E511208-01**					Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*61-141*			
Matrix Spike Dup (2547001-MSD1)				**Source: E511208-01**					Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156	5.51	20	
Surrogate: n-Nonane	*56.2*		*50.0*		*112*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545158-BLK1)									Prepared: 11/07/25 Analyzed: 11/07/25
Chloride	ND	20.0							
LCS (2545158-BS1)									Prepared: 11/07/25 Analyzed: 11/07/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2545158-MS1)				**Source: E511024-03**					Prepared: 11/07/25 Analyzed: 11/08/25
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2545158-MSD1)				**Source: E511024-03**					Prepared: 11/07/25 Analyzed: 11/08/25
Chloride	253	20.0	250	ND	101	80-120	1.31	20	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545159-BLK1)									Prepared: 11/07/25 Analyzed: 11/07/25
Chloride	ND	20.0							
LCS (2545159-BS1)									Prepared: 11/07/25 Analyzed: 11/08/25
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2545159-MS1)				**Source: E511024-35**					Prepared: 11/07/25 Analyzed: 11/08/25
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2545159-MSD1)				**Source: E511024-35**					Prepared: 11/07/25 Analyzed: 11/08/25
Chloride	260	20.0	250	ND	104	80-120	0.0281	20	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2545160-BLK1)									Prepared: 11/07/25 Analyzed: 11/07/25
Chloride	ND	20.0							
LCS (2545160-BS1)									Prepared: 11/07/25 Analyzed: 11/07/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2545160-MS1)				**Source: E511024-50**					Prepared: 11/07/25 Analyzed: 11/07/25
Chloride	270	20.0	250	ND	108	80-120			
Matrix Spike Dup (2545160-MSD1)				**Source: E511024-50**					Prepared: 11/07/25 Analyzed: 11/07/25
Chloride	269	20.0	250	ND	108	80-120	0.268	20	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/2025 4:23:37PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2546017-BLK1)									Prepared: 11/10/25 Analyzed: 11/10/25
Chloride	ND	20.0							
LCS (2546017-BS1)									Prepared: 11/10/25 Analyzed: 11/10/25
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2546017-MS1)				**Source: E511024-67**					Prepared: 11/10/25 Analyzed: 11/10/25
Chloride	263	20.0	250	ND	105	80-120			
Matrix Spike Dup (2546017-MSD1)				**Source: E511024-67**					Prepared: 11/10/25 Analyzed: 11/10/25
Chloride	266	20.0	250	ND	106	80-120	1.13	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 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	11/17/25 16:23

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.

envirotech
Analytical Laboratory

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	17051.0002				/	X				
Project Manager:	KATE KAUFMAN	City, State, Zip:												
Address:		Phone:												
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	kkaufman@hilcorp.com													

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
																	Compliance	Y	or N
																	PWSID #		
0933	11/03/25	soil	one 4 oz	FS01		1	X	X	X		X						Sample Temp: 4.4	Remarks:	
0935				FS02		2											4.4		
0943				FS03		3											5.2		
0947				FS04		4											5.0		
0950				FS05		5											3.8		
0956				FS06		6											3.8		
1002				FS07		7											4.2		
1008				FS08		8											4.6		
1013				FS09		9											4.4		
1019	11/03/25	soil	one 4 oz	FS10		10	X	X	X		X						4.8		

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11-5-25	10:26	Caitlin Mair	11.5.25	1029
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

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: (Y) N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	17051-0002				/	X				
Project Manager:	KATE KAUFMAN	City, State, Zip:												
Address:		Phone:												
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	kkaufman@hilcorp.com													

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1022	11/03/25	Soil	one 4 oz	FS11		11	X	X	X		X							5.0	
1025				FS12		12												5.2	
1030				FS13		13												4.6	
1033				FS14		14												4.4	
1036				FS15		15												5.1	
1038				FS16		16												4.8	
1050				FS17		17												3.9	
1053				FS18		18												3.7	
1056				FS19		19												4.0	
1059	11/03/25	Soil	one 4 oz	FS20		20	X	X	X		X							4.6	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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Sampled by: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
OF	11-5-25	10:20	Caitlin Mars	11.5.25	1029

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: (Y) / N

Sample Matrix: **S** - Soil, **Sd** - Solid, **Sg** - Sludge, **A** - Aqueous, **O** - Other _____ Container Type: **g** - glass, **p** - poly/plastic, **ag** - amber glass, v - VOA

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envirotech
Analytical Laboratory

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	71051-0002				/	X				
Project Manager:	KATE KAUFMAN	City, State, Zip:												
Address:		Phone:												
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	kkaufman@hilcorp.com													

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1101	11/03/25	soil	one 4 oz	FS21		21	X	X	X		X							5.4	
1106				FS22		22												5.6	
1117				FS23		23												5.0	
1121				FS24		24												4.6	
1126				FS25		25												4.2	
1319				FS26		26												5.4	
1321				FS27		27												5.0	
1325				FS28		28												4.8	
1328				FS29		29												4.8	
1334	11/3/25	soil	one 4 oz	FS30		30	X	X	X		X							5.1	

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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Sampled by: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
OF	11-5-25	1026	Caitlin Mars	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State					
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	17151-0002				/	X					
Project Manager:	KATE KAUFMAN	City, State, Zip:													
Address:		Phone:													
City, State, Zip:		Email:													
Phone:		Miscellaneous:													
Email:	kkaufman@hilcorp.com														

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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX		Sample Temp	Remarks		
																			SDWA	CWA / RCRA
																			Compliance	Y or N
																			PWSID #	
1336	11/03/25	soil	one 4 oz	FS31		31	X	X	X		X						4.2			
1339				FS32		32											4.6			
1343				FS33		33											3.9			
1347				FS34		34											3.7			
1351				FS35		35											4.0			
1354				FS36		36											4.8			
1357				FS37		37											5.1			
1401				FS38		38											3.1			
1404				FS39		39											4.6			
1407	11/3/25	soil	one 4 oz	FS40		40	X	X	X		X						4.8			

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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Sampled by: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-5-25	10:20	Caitlin Mar	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information	
Client:	HICORP ENERGY COMPANY
Project Name:	SAN JUAN 29-6 #86
Project Manager:	KATE KAUFMAN
Address:	
City, State, Zip:	
Phone:	
Email:	kkaufman@hilcorp.com

Invoice Information	
Company:	SAME
Address:	AS CLIENT
City, State, Zip:	
Phone:	
Email:	
Miscellaneous:	

Lab Use Only		TAT				State					
Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
E511024	17051-0002				✓	X					

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1410	11/03/25	soil	one 4 oz	FS41		41	X	X	X		X							4.0	
1413	11/03/25			FS42		42												4.8	
1030	11/04/25			FS43		43												5.1	
1055				FS44		44												3.4	
1057				FS45		45												5.0	
1101				FS46		46												4.6	
1108				FS47		47												3.6	
1112				FS48		48												4.5	
1116				FS49		49												4.2	
1124	11/04/25	soil	one 4 oz	FS50		50	X	X	X		X							3.8	

Analysis and Method	EPA Program			
	SDWA	CWA	RCRA	
Compliance	Y	or	N	
PWSID #				

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
OF	11-5-25	10:34	Caitlin Marr	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information	
Client:	HICORP ENERGY COMPANY
Project Name:	SAN JUAN 29-6 #86
Project Manager:	KATE KAUFMAN
Address:	
City, State, Zip:	
Phone:	
Email:	kkaufman@hilcorp.com

Invoice Information	
Company:	SAME
Address:	AS CLIENT
City, State, Zip:	
Phone:	
Email:	
Miscellaneous:	

Lab Use Only		TAT				State					
Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
E511024	17051-0002				/	/				

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
0747	11/4/25	soil	one 4 oz	SW01		51	X	X	X		X						4.6	
0751				SW02		52											5.0	
0757				SW03		53											5.2	
0801				SW04		54											4.2	
0810				SW05		55											5.4	
0827				SW06		56											4.0	
0835				SW07		57											5.0	
0838				SW08		58											3.8	
0844				SW09		59											4.4	
0850	11/4/25	soil	one 4 oz	SW10		60	X	X	X		X						4.8	

Analysis and Method	EPA Program			
	SDWA	CWA	RCRA	
Compliance		Y	or	N
PWSID #				

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-5-25	1026	Cath Mar	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State					
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	7051·0002				/	/					
Project Manager:	KATE KAUFMAN	City, State, Zip:													
Address:		Phone:													
City, State, Zip:		Email:													
Phone:		Miscellaneous:													
Email:	kkaufman@hilcorp.com														

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
0857	11/4/25	Soil	one 4 oz	SW11		61	X	X	X		X							3.9	
0907				SW12		62												4.0	
0925				SW13		63												3.8	
0936				SW14		64												4.2	
0959				SW15		65												3.6	
1020				SW16		66												4.2	
1037				SW17		67												4.2	
1042				SW18		68												3.9	
1046				SW19		69												4.1	
1130	11/4/25	Soil	one 4 oz	SW20		70	X	X	X		X							4.6	

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11-5-25	10:20	Caitlin Mar	11.5.25	1029

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: (Y) / N

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

Chain of Custody

Client Information	
Client:	HICORP ENERGY COMPANY
Project Name:	SAN JUAN 29-6 #86
Project Manager:	KATE KAUFMAN
Address:	
City, State, Zip:	
Phone:	
Email:	kkaufman@hilcorp.com

Invoice Information	
Company:	SAME
Address:	AS CLIENT
City, State, Zip:	
Phone:	
Email:	
Miscellaneous:	

Lab Use Only		TAT				State					
Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
E511024	17051·0002				✓	✓					

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	
1133	11/4/25	Soil	one 4 oz	SW21		71	X	X	X		X						5.1
1140				SW22		72											4.8
1147				SW23		73											4.2
1200				SW24		74											4.5
1205				SW25		75											5.0
1214				SW26		76											4.6
1218				SW27		77											4.8
1227				SW28		78											5.0
1320				SW29		79											5.4
1324	11/4/25	Soil	one 4 oz	SW30		80	X	X	X		X						5.2

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Temp | Remarks

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11-5-25	1020	Caitlin Mar	11.5.25	10:29

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: (Y) N

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: 11/5/2025 11:06:15AM

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:	11/05/25 10:29	Work Order ID:	E511024
Phone:	505-599-3400	Date Logged In:	11/05/25 11:02	Logged In By:	Caitlin Mars
Email:	kkaufman@hilcorp.com	Due Date:	11/12/25 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	Carrier: Osgood Froelich
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

Comments/Resolution

Project San Juan 29-6 #86 has been separated into 2 reports due to sample volume. WOs are E511024 & E511025.

Client Instruction

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

Date

envirotech Inc.

envirotech
Analytical Laboratory

Chain of Custody

Client Information		Invoice Information	
Client:	HICORP ENERGY COMPANY	Company:	SAME
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT
Project Manager:	KATE KAUFMAN	City, State, Zip:	
Address:		Phone:	
City, State, Zip:		Email:	
Phone:		Miscellaneous:	
Email:	kkaufman@hilcorp.com		

Lab Use Only: Lab WO# E511024 — Job Number 17051-0002

TAT: 1D | 2D | 3D | Std (Std checked)

State: NM (checked) | CO | UT | TX

EPA Program: SDWA | CWA | RCRA — Compliance Y or N — PWSID #

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
0933	11/03/25	Soil	one 4 oz	FS01		1	X	X	X		X						4.4	
0935				FS02		2											4.4	
0943				FS03		3											5.2	
0947				FS04		4											5.0	
0950				FS05		5											3.8	
0956				FS06		6											3.8	
1002				FS07		7											4.2	
1008				FS08		8											4.6	
1013				FS09		9											4.4	
1019	11/03/25	Soil	one 4 oz	FS10		10	X	X	X		X						4.8	

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

Client Req Rerun on DRO on #2 8 11/14/25 CM

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11-5-25	10:20	Caitlin Mars	11.5.25	1029

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: (Y) / N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State					
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	17051-0002				✓	X					
Project Manager:	KATE KAUFMAN	City, State, Zip:													
Address:		Phone:													
City, State, Zip:		Email:													
Phone:		Miscellaneous:													
Email:	kkaufman@hilcorp.com														

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA	CWA	RCRA		
																		Compliance	Y	or	N	
																		PWSID #				
1022	11/03/25	soil	one 4 oz	FS11		11	X	X	X		X							5.0				
1025				FS12		12												5.2				
1030				FS13		13												4.6				
1033				FS14		14												4.4				
1036				FS15		15												5.1				
1038				FS16		16												4.8				
1050				FS17		17												3.9				
1053				FS18		18												3.7				
1056				FS19		19												4.0				
1059	11/03/25	soil	one 4 oz	FS20		20	X	X	X		X							4.6				

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

Client req rerun on DRO on #28 11/14/25 CM

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: Csgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	11-5-25	10:20	Cauth Marr	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	71051-0002				✓	X				
Project Manager:	KATE KAUFMAN	City, State, Zip:												
Address:		Phone:												
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	kkaufman@hilcorp.com													

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	GRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	DRO	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
1101	11/03/25	soil	one 4 oz	FS21		21	X	X	X		X			DRO			5.4	
1106				FS22		22											5.6	
1117				FS23		23											5.0	
1121				FS24		24											4.6	
1126				FS25		25											4.2	
1319				FS26		26											5.4	
1321				FS27		27											5.0	
1325				FS28		28								X			4.8	
1328				FS29		29											4.8	
1334	11/3/25	soil	one 4 oz	FS30		30	X	X	X		X						5.1	

Analysis and Method | **EPA Program**: SDWA | CWA | RCRA | Compliance Y or N | PWSID #

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

Client Req rerun on DRO for # 28 11/14/25 CM

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
OF	11-5-25	1026	Caitlin Mars	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information	
Client:	HICORP ENERGY COMPANY
Project Name:	SAN JUAN 29-6 #86
Project Manager:	KATE KAUFMAN
Address:	
City, State, Zip:	
Phone:	
Email:	kkaufman@hilcorp.com

Invoice Information	
Company:	SAME
Address:	AS CLIENT
City, State, Zip:	
Phone:	
Email:	
Miscellaneous:	

Lab Use Only		TAT				State					
Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
E511024	17151-0002				✓	X					

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA	CWA	RCRA
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp	Remarks		
1336	11/03/25	soil	one 4 oz	FS31		31	X	X	X		X						4.2			
1339				FS32		32											4.6			
1343				FS33		33											3.9			
1347				FS34		34											3.7			
1351				FS35		35											4.0			
1354				FS36		36											4.8			
1357				FS37		37											5.1			
1401				FS38		38											3.1			
1404				FS39		39											4.6			
1407	11/3/25	soil	one 4 oz	FS40		40	X	X	X		X						4.8			

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

Client req rerun DRO on #28 11/14/25 CM

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-5-25	10:30		11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	71051-0002				/	X				
Project Manager:	KATE KAUFMAN	City, State, Zip:												
Address:		Phone:												
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	kkaufman@hilcorp.com													

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N	
																	PWSID #				
1410	11/03/25	Soil	one 4 oz	FS41		41	X	X	X		X						Sample Temp	Remarks			
1413	11/03/25			FS42		42											4.0				
1030	11/04/25			FS43		43											4.8				
1055				FS44		44											5.1				
1057				FS45		45											3.4				
1101				FS46		46											5.0				
1108				FS47		47											4.6				
1112				FS48		48											3.6				
1116				FS49		49											4.5				
1124	11/04/25	Soil	one 4 oz	FS50		50	X	X	X		X						4.2				
																	3.8				

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

Client req rerun DRO on #28 11/14/25 cm

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
OF	11-5-25	10:26	Caitlin Mar	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information	
Client:	HICORP ENERGY COMPANY
Project Name:	SAN JUAN 29-6 #86
Project Manager:	KATE KAUFMAN
Address:	
City, State, Zip:	
Phone:	
Email:	kkaufman@hilcorp.com

Invoice Information	
Company:	SAME
Address:	AS CLIENT
City, State, Zip:	
Phone:	
Email:	
Miscellaneous:	

Lab Use Only		TAT				State					
Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
E511024	71051-0002				/	/					

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
0747	11/4/25	soil	one 4 oz	SW01		51	X	X	X		X					4.6	
0751				SW02		52										5.0	
0757				SW03		53										5.2	
0801				SW04		54										4.2	
0810				SW05		55										5.4	
0827				SW06		56										4.0	
0835				SW07		57										5.0	
0838				SW08		58										3.8	
0844				SW09		59										4.4	
0850	11/4/25	soil	one 4 oz	SW10		60	X	X	X		X					4.8	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com

Client req rerun DRO on #28 11/14/25 CM

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-5-25	1026	Cath Mar	11.5.25	1029

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: (Y) N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	10051·0002									
Project Manager:	KATE KAUFMAN	City, State, Zip:												
Address:		Phone:												
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	kkaufman@hilcorp.com													

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA	CWA	RCRA
																		Compliance	Y	or	N
																		PWSID #			
0857	11/4/25	soil	one 4 oz	SW11		61		X	X	X		X						3.9			
0907				SW12		62												4.0			
0925				SW13		63												3.8			
0936				SW14		64												4.2			
0959				SW15		65												3.6			
1020				SW16		66												4.2			
1037				SW17		67												4.2			
1042				SW18		68												3.9			
1046				SW19		69												4.1			
1130	11/4/25	soil	one 4 oz	SW20		70		X	X	X		X						4.6			

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com Client req removal DRO #28 11/14/25 CM

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-5-25	10:20	Caitlin Mar	11.5.25	1029

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: (Y) / N

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State					
Client:	HICORP ENERGY COMPANY	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name:	SAN JUAN 29-6 #86	Address:	AS CLIENT	E511024	17051-0002										
Project Manager:	KATE KAUFMAN	City, State, Zip:													
Address:		Phone:													
City, State, Zip:		Email:													
Phone:		Miscellaneous:													
Email:	kkaufman@hilcorp.com														

Sample Information							Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	GRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																	Compliance	Y	or	N
																	PWSID #			
1133	11/4/25	soil	one 4 oz	SW21		71	X	X	X		X						5.1			
1140				SW22		72											4.8			
1147				SW23		73											4.2			
1200				SW24		74											4.5			
1205				SW25		75											5.0			
1214				SW26		76											4.6			
1218				SW27		77											4.8			
1227				SW28		78											5.0			
1320				SW29		79											5.4			
1324	11/4/25	soil	one 4 oz	SW30		80	X	X	X		X						5.2			

Additional Instructions: cc: shyde@ensolum.com; wweichert@ensolum.com; ofroelich@ensolum.com Quant req Rerun DRO #28 11/4/25 CM

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11.5.25	1020	Caith Mar	11.5.25	10:29

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.

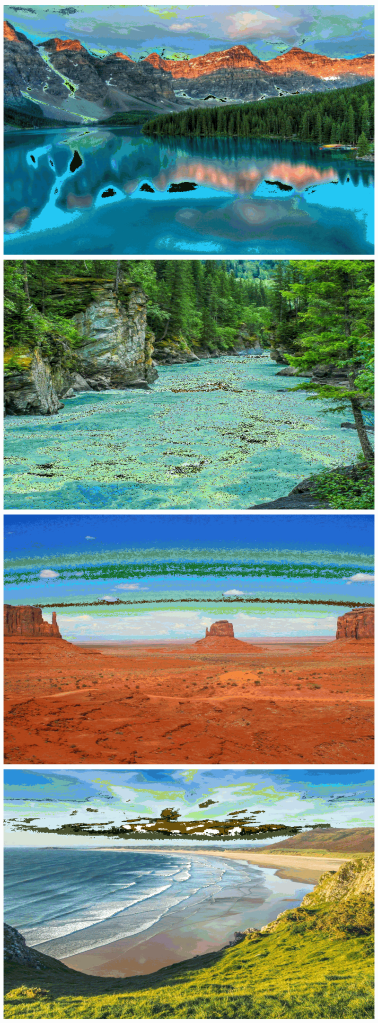
Lab Use Only
Received on ice: (Y) N

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.

Report to:

Kate Kaufman



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	San Juan 29-6 #86
Work Order:	E512055
Job Number:	17051-0002
Received:	12/5/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/11/25

Date Reported: 12/11/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 29-6 #86
Workorder: E512055
Date Received: 12/5/2025 12:42:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/5/2025 12:42:00PM, under the Project Name: San Juan 29-6 #86.

The analytical test results summarized in this report with the Project Name: San Juan 29-6 #86 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 reguarding 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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ljarboe@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/11/25 16:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS28A	E512055-01A	Soil	12/05/25	12/05/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/11/2025 4:35:48PM

FS28A

E512055-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549104
Benzene	ND	0.0250	1	12/05/25	12/08/25	
Ethylbenzene	ND	0.0250	1	12/05/25	12/08/25	
Toluene	ND	0.0250	1	12/05/25	12/08/25	
o-Xylene	ND	0.0250	1	12/05/25	12/08/25	
p,m-Xylene	ND	0.0500	1	12/05/25	12/08/25	
Total Xylenes	ND	0.0250	1	12/05/25	12/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/05/25*	*12/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549104
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/05/25	12/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*12/05/25*	*12/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2550006
Diesel Range Organics (C10-C28)	ND	25.0	1	12/08/25	12/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/08/25	12/09/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*12/08/25*	*12/09/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549114
Chloride	ND	20.0	1	12/05/25	12/06/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/11/2025 4:35:48PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2549104-BLK1)									Prepared: 12/05/25 Analyzed: 12/08/25
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	*7.19*		*8.00*		*89.8*	*70-130*			
LCS (2549104-BS1)									Prepared: 12/05/25 Analyzed: 12/08/25
Benzene	4.68	0.0250	5.00		93.6	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.2	70-130			
Toluene	4.62	0.0250	5.00		92.4	70-130			
o-Xylene	4.49	0.0250	5.00		89.8	70-130			
p,m-Xylene	9.12	0.0500	10.0		91.2	70-130			
Total Xylenes	13.6	0.0250	15.0		90.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*98.0*	*70-130*			
Matrix Spike (2549104-MS1)				**Source: E512045-04**					Prepared: 12/05/25 Analyzed: 12/08/25
Benzene	5.00	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.74	0.0250	5.00	ND	94.7	70-130			
Toluene	4.92	0.0250	5.00	ND	98.4	70-130			
o-Xylene	4.78	0.0250	5.00	ND	95.7	70-130			
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.0*	*70-130*			
Matrix Spike Dup (2549104-MSD1)				**Source: E512045-04**					Prepared: 12/05/25 Analyzed: 12/08/25
Benzene	4.80	0.0250	5.00	ND	95.9	70-130	4.22	27	
Ethylbenzene	4.57	0.0250	5.00	ND	91.3	70-130	3.66	26	
Toluene	4.73	0.0250	5.00	ND	94.7	70-130	3.89	20	
o-Xylene	4.61	0.0250	5.00	ND	92.1	70-130	3.79	25	
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	70-130	3.63	23	
Total Xylenes	13.9	0.0250	15.0	ND	93.0	70-130	3.68	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.89*		*8.00*		*98.6*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/11/2025 4:35:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2549104-BLK1)									Prepared: 12/05/25 Analyzed: 12/08/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.19*		*8.00*		*115*	*70-130*			
LCS (2549104-BS2)									Prepared: 12/05/25 Analyzed: 12/08/25
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.09*		*8.00*		*114*	*70-130*			
Matrix Spike (2549104-MS2)				**Source: E512045-04**					Prepared: 12/05/25 Analyzed: 12/08/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.09*		*8.00*		*114*	*70-130*			
Matrix Spike Dup (2549104-MSD2)				**Source: E512045-04**					Prepared: 12/05/25 Analyzed: 12/08/25
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	3.46	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.93*		*8.00*		*112*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/11/2025 4:35:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2550006-BLK1)									Prepared: 12/08/25 Analyzed: 12/08/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.6*		*50.0*		*117*	*61-141*			
LCS (2550006-BS1)									Prepared: 12/08/25 Analyzed: 12/08/25
Diesel Range Organics (C10-C28)	250	25.0	250		99.8	66-144			
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*61-141*			
Matrix Spike (2550006-MS1)				**Source: E512051-50**					Prepared: 12/08/25 Analyzed: 12/08/25
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*61-141*			
Matrix Spike Dup (2550006-MSD1)				**Source: E512051-50**					Prepared: 12/08/25 Analyzed: 12/08/25
Diesel Range Organics (C10-C28)	279	25.0	250	ND	111	56-156	1.51	20	
Surrogate: n-Nonane	*48.6*		*50.0*		*97.2*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #86	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/11/2025 4:35:48PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2549114-BLK1)									Prepared: 12/05/25 Analyzed: 12/05/25
Chloride	ND	20.0							
LCS (2549114-BS1)									Prepared: 12/05/25 Analyzed: 12/05/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2549114-MS1)				**Source: E512053-02**					Prepared: 12/05/25 Analyzed: 12/05/25
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2549114-MSD1)				**Source: E512053-02**					Prepared: 12/05/25 Analyzed: 12/05/25
Chloride	250	20.0	250	ND	99.9	80-120	0.368	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 29-6 #86	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/11/25 16:35

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.

envirotech
Analytical Laboratory

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	HILCORP ENERGY COMPANY	Company:		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	San Juan 29-6 #86	Address:	SAME	E512055	17051.0002				X	X				
Project Manager:	Kate Kaufman	City, State, Zip:	AS											
Address:		Phone:	CLIENT											
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	Kkaufman@hilcorp.com													

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance: Y or N

PWSID #:

Sample Information

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	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1027	12/5/25	Soil	(one) 2 oz	FS28A		1	X	X	X		X							4.9	

Additional Instructions: cc: shyde@ensolum.com ; wwebster@ensolum.com ; afroelich@ensolum.com

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: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	12/05/2025	1242		12-5-25	1242

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: (Y) N

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: 12/5/2025 12:55:33PM

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:	12/05/25 12:42	Work Order ID:	E512055
Phone:	505-599-3400	Date Logged In:	12/05/25 12:54	Logged In By:	Caitlin Mars
Email:	kkaufman@hilcorp.com	Due Date:	12/12/25 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	Carrier: Osgood Froelich
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 542217

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542217
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2401932449**
Incident Name	**NAPP2401932449 SAN JUAN 29-6 UNIT 86 @ 30-039-07516**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-039-07516] SAN JUAN 29 6 UNIT #086**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	SAN JUAN 29-6 UNIT 86
Date Release Discovered	01/18/2024
Surface Owner	Private

Incident Details *Please answer all the questions in this group.*	
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	No
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 *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.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Dump Line | Produced Water | Released: 17 BBL | Recovered: 0 BBL | Lost: 17 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure | Dump Line | Condensate | Released: 16 BBL | Recovered: 0 BBL | Lost: 16 BBL.
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)	*Not answered.*

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542217
	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)	**No, according to supplied volumes this does not appear to be 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:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**
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.	

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	N/A
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: 01/12/2026

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542217
	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 200 and 300 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 200 and 300 (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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 200 and 300 (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 100 and 200 (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
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.	
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)	18
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	4900
GRO+DRO (EPA SW-846 Method 8015M)	4900
BTEX (EPA SW-846 Method 8021B or 8260B)	267
Benzene (EPA SW-846 Method 8021B or 8260B)	0.6
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	06/16/2025
On what date will (or did) the final sampling or liner inspection occur	06/16/2025
On what date will (or was) the remediation complete(d)	06/20/2025
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	1600
What is the estimated volume (in cubic yards) that will be remediated	600
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.	

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QUESTIONS (continued)

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	Action Number: 542217
	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	fEEM0112336756 ENVIROTECH LANDFARM #2
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	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(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: 01/12/2026
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.	

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QUESTIONS (continued)

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	Action Number: 542217
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
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.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS (continued)

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

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**531177**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**12/05/2025**
What was the (estimated) number of samples that were to be gathered	**2**
What was the sampling surface area in square feet	**400**

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	10000
What was the total volume (cubic yards) remediated	8500
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)	Site excavation and confirmation soil sampling activities were completed to address the release discovered on January 18, 2024. Laboratory analytical results from confirmation soil samples collected from the final excavation limits indicate that all COCs were compliant with applicable Site Closure Criteria and reclamation requirements. Based on these results, no further remediation is warranted. The excavation and off-site disposal of impacted soil have effectively mitigated release-related impacts at the Site. These remedial actions are considered 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: 01/12/2026

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QUESTIONS (continued)

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	Action Number: 542217
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 542217
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/26/2026