ENSOLUM

December 30, 2025

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

Re: Remediation Report and Closure Request
San Juan 29-6 Unit #074B
Hilcorp Energy Company
NMOCD Incident No: nAPP2500832642

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* for a release at the San Juan 29-6 Unit #074B natural gas production well (Site). The Site is located on private surface in Unit J, Section 20, 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

A release of condensate and produced water was identified on January 7, 2025, during routine Audio, Visual, and Olfactory (AVO) inspections conducted at the Site. During the inspection, operations personnel observed a pinhole leak along a welded seam on the condensate aboveground storage tank (AST). Upon discovery, the remaining tank contents were transferred to an adjacent below-grade tank (BGT) to prevent additional release of fluids. The Site supervisor was notified, and initial containment and recovery measures were implemented.

The release was attributed to internal corrosion of the condensate storage tank and resulted in an estimated discharge of approximately 33 barrels (bbls) of condensate and 20 bbls of produced water. Recovery efforts included the mobilization of a vacuum truck, which recovered approximately 16 bbls of condensate and 4 bbls of produced water from within the bermed containment area and the BGT cribbing. The remaining volume (approximately 17 bbls of condensate and 16 bbls of produced water) impacted surface soils within the bermed containment area. No impacts to surface water or sensitive receptors were observed during the initial response.

Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on January 8, 2025. The NMOCD has assigned the Site Incident Number nAPP2500832642.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As presented in the July 2, 2025, *Remediation Work Plan* and in accordance with *Table I, Closure Criteria for Soils Impacted by a Release* (19.15.29.12 New Mexico Administrative Code), the following Closure Criteria for constituents of concern (COCs) were 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): 2,500 mg/kg
- TPH as a combination of GRO and DRO: 1,000 mg/kg
- Chloride: 10,000 mg/kg

DELINEATION AND SOIL SAMPLING ACTIVITIES

Following discovery of the release, Ensolum conducted hand auger delineation activities on February 12, 2025, at the request of Hilcorp. Prior to initiating the delineation work, a notification of sampling activities was submitted to the NMOCD and is included in Appendix A. During delineation activities, an Ensolum geologist visually inspected soils for evidence of petroleum hydrocarbon staining and odor. Soil samples were field screened for volatile organic compounds (VOCs) using a calibrated photoionization detector (PID). A total of four hand auger borings (HA01 through HA04) were advanced at the Site to depths up to approximately 5 feet below ground surface (bgs), where refusal was encountered on shallow sandstone bedrock. Based on PID field screening results, two soil samples were collected from each hand auger borehole; one from the depth interval with the highest observed contamination based on PID field screening and one from the terminus of the borehole. Soil samples were collected directly into laboratory provided jars and immediately placed on ice. Lithologic descriptions and field observations were documented in the field book. Samples were submitted to Eurofins Environment Testing (Eurofins) in Albuquerque, New Mexico for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B, TPH following EPA Method 8015M/D, and chloride following EPA Method 300.0.

Analytical results indicated concentrations of BTEX and TPH in soil exceeded the applicable NMOCD Closure Criteria at depths from the ground surface to at least 4 feet bgs within borehole HA01, with TPH concentrations up to 8,300 mg/kg. The locations of hand auger boreholes are depicted on Figure 2. Complete laboratory analytical reports are included as Appendix B and soil delineation data, including PID field screening results, are summarized in Table 1. A photographic log depicting delineation activities is included in Appendix C.

Based on laboratory analytical results and refusal on shallow sandstone bedrock, Ensolum returned to the Site to conduct additional pothole delineation with a backhoe on February 26, 2025. A total of four pothole locations (PH01 through PH04) were advanced at the Site. During delineation potholing activities, an Ensolum geologist logged lithology and PID field screened soil in the same manner described above. All potholes were advanced to refusal on sandstone bedrock, with depths ranging from approximately 7 feet to 10 feet bgs. Two soil samples were collected from each pothole in the manner described above and submitted to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico for analysis of BTEX, TPH, and chloride by the same methods described above.

Analytical results indicated concentrations of BTEX and TPH in soil exceeded the applicable NMOCD Closure Criteria at depths from the ground surface to approximately 10 feet bgs at PH01

and 2 feet bgs at PH02. TPH concentrations up to 2,151 mg/kg and BTEX concentrations up to 205 mg/kg were observed at PH01. Soil samples collected from PH03 and PH04 were compliant with the applicable Closure Criteria. BTEX exceedances were identified at PH01 at depths approaching refusal on sandstone bedrock. These results indicated residual impacts within the central portion of the bermed containment area were not fully delineated at PH01 during the pothole investigation.

Due to shallow refusal on bedrock encountered during hand auger and pothole delineation activities, Hilcorp contracted Enviro-Drill, Inc. (Enviro-Drill) to conduct additional subsurface investigation at the Site using a hollow-stem auger (HSA) drilling rig with split spoon sampling capabilities. Four boreholes (BH01 through BH04) were advanced to depths ranging from approximately 25 feet to 30 feet bgs. Each borehole was PID field screened and logged by an Ensolum geologist, with borehole logs included in Appendix D. Site lithology consisted of silty sand from the ground surface to approximately 5 feet bgs, underlain by fine-grained sandstone. Sampling notifications were submitted to the NMOCD in advance of the delineation work (Appendix A). Sampling efforts during HSA drilling focused on depths greater than 10 feet bgs, below the previously completed pothole delineation. Two to three soil samples were collected from each borehole, with one or two samples collected from the intervals with the highest observed contamination, and one from the borehole terminus. Samples were submitted to Eurofins for analysis of BTEX, TPH, and chloride using the same methods described above. Analytical results from this sampling event indicated all COCs below 10 feet bgs were either not detected above laboratory reporting limits or were present at concentrations below the applicable NMOCD Table I Closure Criteria.

Based on the laboratory analytical results, BTEX and TPH concentrations exceeding NMOCD Closure Criteria were encountered in samples collected near the source of the release at depths between the ground surface and approximately 10 feet bgs. BTEX, TPH, and/or chloride were either not detected above laboratory reporting limits or were detected at concentrations below the applicable Closure Criteria in all remaining analyzed samples. A summary of delineation analytical results is provided in Table 1, with sample locations depicted on Figure 2. Complete laboratory analytical reports are included in Appendix B. A photographic log documenting delineation activities is included in Appendix C.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the delineation sampling activities described above, Hilcorp proposed to remediate the Site through excavation and off-Site soil disposal at the Envirotech Landfarm in San Juan County, New Mexico. The proposed remedial approach was selected to address residual soil impacts identified within the bermed containment area and to achieve compliance with applicable NMOCD Closure Criteria. Excavation activities were conducted over several mobilizations between October 23, 2025, and December 1, 2025. Notification to the NMOCD was provided at least two business days prior to conducting final excavation confirmation soil sampling, with copies of notification correspondence attached in Appendix A. To direct excavation activities, an Ensolum geologist was present onsite and field screened soil for VOCs using a calibrated PID.

Once field screening indicated impacted soil had been removed, five-point composite soil samples were collected on December 1, 2025, from the excavation floor (FS01 through FS16) and sidewalls (SW01 through SW13) to evaluate residual soil conditions and confirm excavation completeness at a frequency of one sample per 200 square feet, consistent with NMOCD sampling density requirements. Additionally, five discrete samples (SS01 through SS05) were collected from the ground surface surrounding the excavation. All floor samples were collected at depths between approximately 10 and 15 feet bgs, and all sidewall samples were collected at depths from the ground surface to approximately 10 to 15 feet bgs.

The five-point composite samples were collected by placing five equivalent aliquots of soil into a one-gallon resealable plastic bag and homogenizing the samples by thorough mixing. The homogenized soil was then transferred into laboratory-provided containers. All soil samples were transported under strict chain-of-custody procedures to the Envirotech analytical laboratory for analysis of TPH, BTEX, and chloride using the analytical methods described above.

Analytical results from the excavation confirmation sampling indicated concentrations of TPH, BTEX, and chloride were compliant with the applicable NMOCD Table I Closure Criteria in all samples collected. These results confirm impacted soils associated with the release were successfully removed and that no further remediation is required at the Site. In total, the excavation measured approximately 3,160 square feet with approximately 1,750 cubic yards of impacted soil excavated and transported for disposal at the Envirotech Landfarm in San Juan County, New Mexico. Confirmation soil sample results are summarized in Table 2, with confirmation sample locations depicted on Figure 3. Complete laboratory analytical reports are attached as Appendix B. Photographs documenting excavation and sampling activities are included in Appendix C.

CLOSURE REQUEST

Excavation and sampling activities were conducted at the Site to address the release discovered on January 7, 2025. Laboratory analytical results for the excavation confirmation soil samples collected from the final excavation extent indicated all COC concentrations were compliant with the Site Closure Criteria, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2500832642.

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 Map
Figure 3:	Excavation Soil Sample Location
Table 1:	Delineation Soil Sample Analytical Results
Table 2:	Confirmation Soil Analytical Results
Appendix A:	Agency Correspondence
Appendix B:	Laboratory Analytical Reports
Appendix C:	Photographic Log
Appendix D:	Borehole Logs

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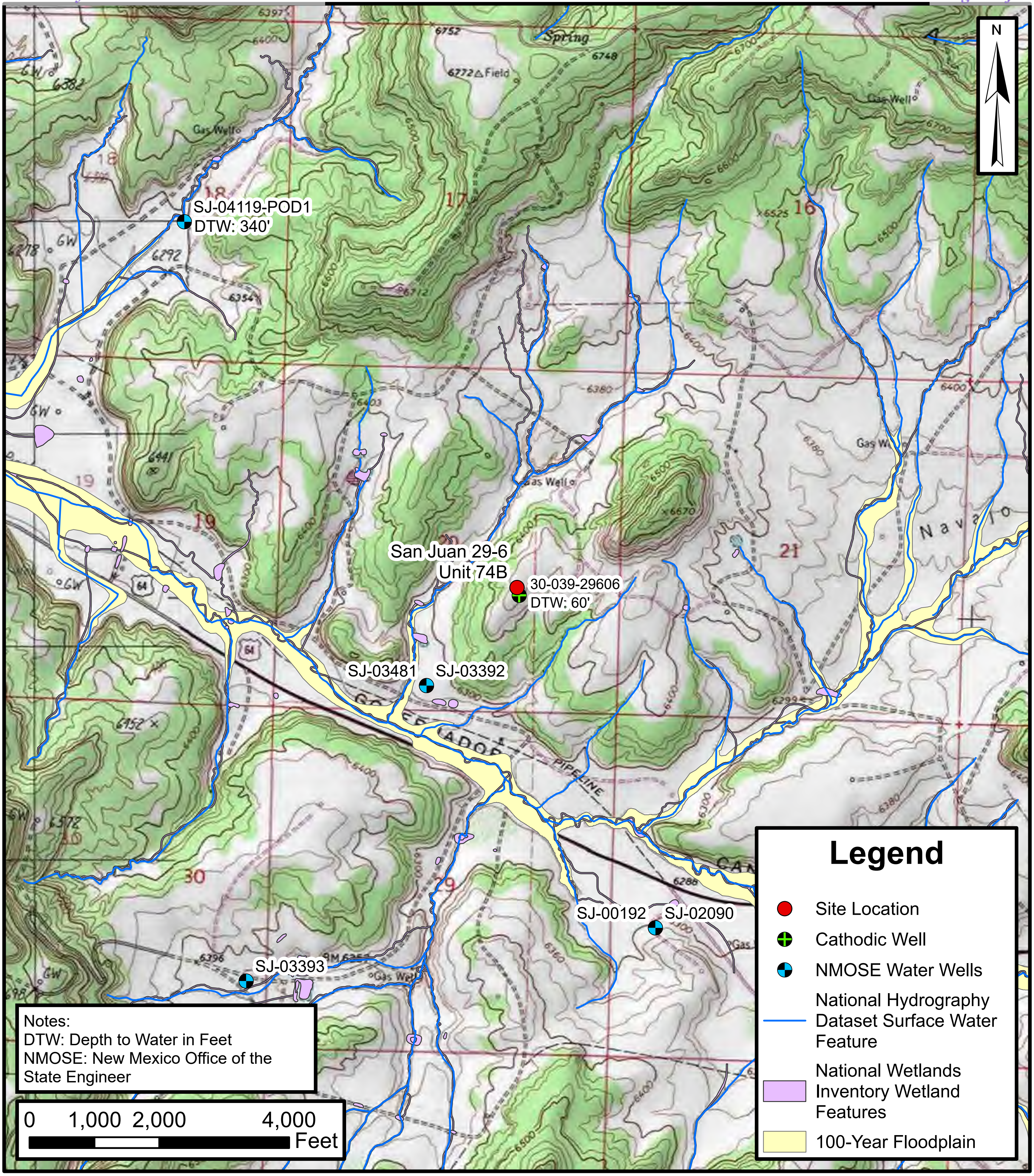
FIGURES



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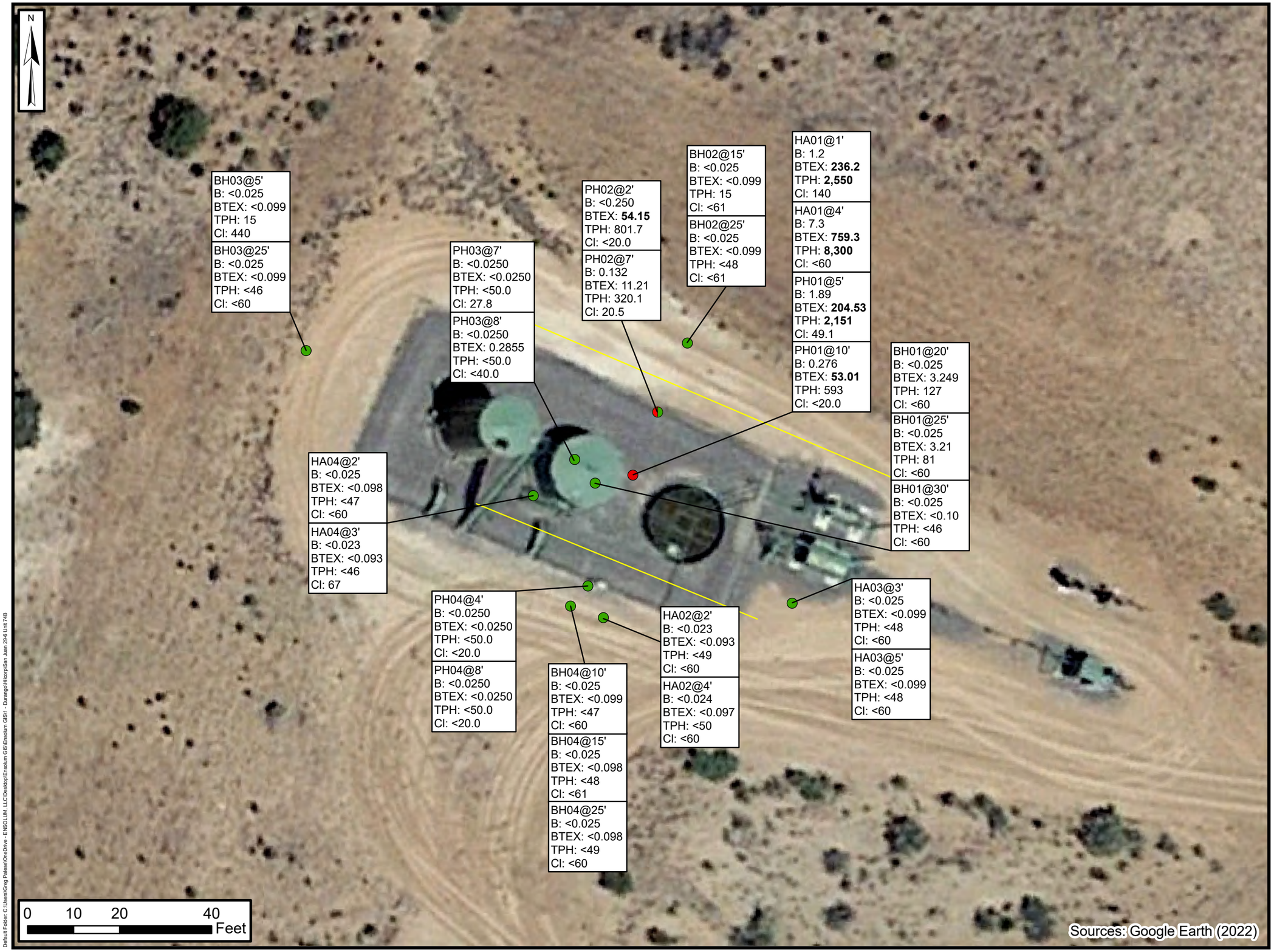
Site Receptor Map

San Juan 29-6 Unit #074B
Hilcorp Energy Company
36.7090569,-107.4831543
Rio Arriba County, New Mexico

FIGURE
1

Sources: Environmental Systems Research Institute (ESRI), United States Geologic Survey (USGS), United States Fish and Wildlife Service (USFWS), National Geographic Society, i-cubed



Legend

- Delineation Soil Sample Location with Terminus in Compliance with NMOCD Closure Criteria
- Delineation Soil Sample Location in Compliance with NMOCD Closure Criteria
- Delineation Soil Sample Location Exceeding NMOCD Closure Criteria
- Utilities

Notes:
B: Benzene in Milligrams per Kilogram (mg/Kg)
BTEX: Total Benzene, Toluene, Ethylbenzene, and Xylenes (mg/Kg)
TPH: Total Petroleum Hydrocarbons (mg/Kg)
Cl: Chloride (mg/Kg)
< : Indicates Result is below Laboratory Reporting Limit
Bold: Indicates Results Exceed NMOCD Closure Criteria
NMOCD: New Mexico Oil Conservation Division

Delineation Soil Sample Map

San Juan 29-6 Unit #074B
Hilcorp Energy Company

36.7090569,-107.4831543
Rio Arriba County, New Mexico

Figure 2

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Excavation Soil Sample Location

Hilcorp Energy Company
San Juan 29-6 Unit #074B
Incident Number: nAPP2500832642
36.7090569, -107.4831543
Rio Arriba, New Mexico

FIGURE 3

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TABLES

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TABLE 1
DELINEATION SOIL SAMPLE ANALYTICAL RESULTS
San Juan 29-6 Unit #074B
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)	GRO+DRO (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	**1,000**	**2,500**	**10,000**
Hand Auger Delineation														
HA01@1'	2/12/2025	1'	1,961	1.2	42	13	180	**236**	1,900	650	<49	**2,550**	**2,550**	140
HA01@4'	2/12/2025	4'	1,747	7.3	170	42	540	**759**	6,800	1,500	<94	**8,300**	**8,300**	<60
HA02@2'	2/12/2025	2'	4.8	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<49	<9.9	<49	<60
HA02@4'	2/12/2025	4'	1.4	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	<10	<50	<10	<50	<60
HA03@3'	2/12/2025	3'	0.2	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.7	<48	<9.7	<48	<60
HA03@5'	2/12/2025	5'	0.5	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.5	<48	<9.5	<48	<60
HA04@2'	2/12/2025	2'	15.5	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<9.4	<47	<60
HA04@3'	2/12/2025	3'	4.5	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.3	<46	<9.3	<46	67
Pothole Delineation														
PH01@5'	2/26/2025	5'	4,293	1.89	41.7	9.93	151	**205**	1,430	721	<50.0	**2,151**	2,151	49.1
PH01@10'	2/26/2025	10'	3,952	0.276	7.84	2.69	42.2	**53.0**	304	289	<50.0	593	593	<20.0
PH02@2'	2/26/2025	2'	4,390	<0.250	3.12	2.73	48.3	**54.2**	776	25.7	<50.0	802	802	<20.0
PH02@7'	2/26/2025	7'	4,029	0.132	2.62	0.528	7.93	11.2	94.1	226	<50.0	320	320	20.5
PH03@7'	2/26/2025	7'	618	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	27.8
PH03@8'	2/26/2025	8'	635	<0.0250	0.0605	<0.0250	0.225	0.286	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
PH04@4'	2/26/2025	4'	2.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH04@8'	2/26/2025	8'	3.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
Borehole Delineation														
BH01@20'	4/1/2025	20'	3,381	<0.025	0.079	0.27	2.9	3.2	70	57	<48	127	127	<60
BH01@25'	4/1/2025	25'	3,374	<0.025	0.15	0.26	2.8	3.2	62	19	<49	81	81	<60
BH01@30'	4/1/2025	30'	317	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<9.1	<46	<9.1	<46	<60
BH02@15'	4/1/2025	15'	1.7	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	15	<48	15	15	<61
BH02@25'	4/1/2025	25'	1.1	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.6	<48	<9.6	<48	<61
BH03@5'	4/1/2025	5'	1.6	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	15	<49	15	15	440
BH03@25'	4/1/2025	25'	0.0	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.2	<46	<9.2	<46	<60
BH04@10'	4/1/2025	10'	7.6	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.3	<47	<9.3	<47	<60
BH04@15'	4/1/2025	15'	13.9	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.6	<48	<9.6	<48	<61
BH04@25'	4/1/2025	25'	1.2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.8	<49	<9.8	<49	<60

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
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*

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TABLE 2
CONFIRMATION SOIL ANALYTICAL RESULTS
San Juan 29-6 #074B
Hilcorp Energy Company
Rio Arriba, 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)	GRO+DRO (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	**1,000**	**2,500**	**10,000**
Excavation Sidewall Samples														
SW01	12/1/2025	0 - 10	1.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW02	12/1/2025	0 - 10	5.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW03	12/1/2025	0 - 10	98.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW04	12/1/2025	0 - 10	6.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW05	12/1/2025	0 - 10	5.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW06	12/1/2025	0 - 15	4.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<100
SW07	12/1/2025	0 - 15	4.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	128
SW08	12/1/2025	0 - 15	2.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	365
SW09	12/1/2025	0 - 15	2.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	1,240
SW10	12/1/2025	0 - 15	3.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	69.0
SW11	12/1/2025	0 - 15	29.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	40.6
SW12	12/1/2025	0 - 15	71.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW13	12/1/2025	0 - 15	10.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
Excavation Floor Samples														
FS01	12/1/2025	10	4.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS02	12/1/2025	10	6.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS03	12/1/2025	10 - 15	1.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS04	12/1/2025	15	4.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS05	12/1/2025	10	1.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS06	12/1/2025	10 - 15	3.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS07	12/1/2025	15	59.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	45.3
FS08	12/1/2025	15	10.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	50.6
FS09	12/1/2025	10 - 15	2.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS10	12/1/2025	15	9.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS11	12/1/2025	15	6.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS12	12/1/2025	15	10.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	38.7
FS13	12/1/2025	15	20.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS14	12/1/2025	15	29.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS15	12/1/2025	15	36.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS16	12/1/2025	15	58.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
Discrete Soil Samples														
SS01	12/1/2025	0 - 0.5	1.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	73.0
SS02	12/1/2025	0 - 0.5	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	54.1
SS03	12/1/2025	0 - 0.5	0.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	12/1/2025	0 - 0.5	0.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS05	12/1/2025	0 - 0.5	1.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	77.1

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
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)

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: 429605
Date: Friday, February 7, 2025 10:50:34 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#) nAPP2500832642.

The sampling event is expected to take place:

When: 02/12/2025 @ 09:00
Where: J-20-29N-06W 1865 FSL 1715 FEL (36.7090569,-107.4831543)

Additional Information: Contact PM Wes Weichert (816)266-8732

Additional Instructions: San Juan 29-6 Unit 74B (36.7090569, -107.4831543). Hand auger delineation hand sampling. Number of samples is estimated.

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

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 446563

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 446563
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2500832642**
Incident Name	**NAPP2500832642 SAN JUAN 29-6 UNIT 74B @ 30-039-29923**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-039-29923] SAN JUAN 29 6 UNIT #074B**

Location of Release Source	
Site Name	**San Juan 29-6 Unit 74B**
Date Release Discovered	**01/07/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	2,000
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/01/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 970-903-1607
Please provide any information necessary for navigation to sampling site	San Juan 29-6 Unit 74B (36.7090569, -107.4831543). Delineation drilling and soil sampling. Number of samples is estimated.

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: 446563
	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.	3/28/2025

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

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529259
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2500832642**
Incident Name	**NAPP2500832642 SAN JUAN 29-6 UNIT 74B @ 30-039-29923**
Incident Type	**Oil Release**
Incident Status	**Remediation Plan Approved**
Incident Well	**[30-039-29923] SAN JUAN 29 6 UNIT #074B**

Location of Release Source	
Site Name	**San Juan 29-6 Unit 74B**
Date Release Discovered	**01/07/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	5,000
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/01/2025
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 74B (30-039-29923) 36.7090569, -107.4831543

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: 529259
	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.	11/24/2025
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.	11/24/2025

From: Hamlet, Robert, EMNRD
To: Kate Kaufman
Cc: Stuart Hyde; Wes Weichert; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD
Subject: (Extension Approval) - nAPP2500832642 - San Juan 29-6 #74B
Date: Friday, April 4, 2025 2:41:35 PM

[**EXTERNAL EMAIL**]

RE: Incident **#NAPP2500832642**

Kate,

A 90-day extension is approved. Please have a remediation plan and/or remediation closure report uploaded to the OCD Permitting Portal no later than **July 3rd, 2025**. Please include this e-mail correspondence in the remediation plan and/or remediation closure report.

Robert Hamlet ● Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Kate Kaufman <kkaufman@hilcorp.com>
Sent: Friday, April 4, 2025 2:09 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Stuart Hyde <shyde@ensolum.com>; Wes Weichert <wweichert@ensolum.com>; Kate Kaufman <kkaufman@hilcorp.com>
Subject: [EXTERNAL] nAPP2500832642 - San Juan 29-6 #74B Extension Request

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

Hilcorp Energy Company is submitting this request for a 90-day extension to the reporting deadline for the San Juan 29-6 Unit 74B release. Hand auger and excavator pothole delineation activities have been performed at the Site but the lateral and vertical extent of impacts have not yet been fully delineated. A drill rig was utilized to continue delineation

efforts on April 1 and we are waiting on sample results to determine next steps towards remediation.

We respectfully request an extension of the reporting deadline from April 7, 2025 to July 6, 2025.

Please let us know if you have any questions.

Regards,
Kate

Kate Kaufman | Senior Environmental Specialist | Hilcorp Energy Company
O: 346-237-2275 | C: 907-244-8292 | kkaufman@hilcorp.com
1111 Travis St. | Houston | TX | 77002

ENSOLUM

APPENDIX B

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kate Kaufman
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 2/20/2025 2:19:05 PM

JOB DESCRIPTION

San Juan 29-6 #74B

JOB NUMBER

885-19883-1

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

Generated
2/20/2025 2:19:05 PM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Laboratory Job ID: 885-19883-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-19883-1
Project/Site: San Juan 29-6 #74B

Qualifiers

GC VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

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 #74B

Job ID: 885-19883-1

Job ID: 885-19883-1 Eurofins Albuquerque

Job Narrative
885-19883-1

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

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

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

Receipt
The samples were received on 2/13/2025 6:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°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
Method 8015D_DRO: The following sample was diluted due to the nature of the sample matrix: HA01@4' (885-19883-2). Elevated reporting limits (RLs) are provided.

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

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

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA01@1'

Date Collected: 02/12/25 10:50
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	1900		94		mg/Kg		02/13/25 13:15	02/17/25 20:23	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*191*	*S1+*	*35 - 166*	*02/13/25 13:15*	*02/17/25 20:23*	*20*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.2		0.47		mg/Kg		02/13/25 13:15	02/17/25 20:23	20
Ethylbenzene	13		0.94		mg/Kg		02/13/25 13:15	02/17/25 20:23	20
Toluene	42		0.94		mg/Kg		02/13/25 13:15	02/17/25 20:23	20
Xylenes, Total	180		1.9		mg/Kg		02/13/25 13:15	02/17/25 20:23	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*48 - 145*	*02/13/25 13:15*	*02/17/25 20:23*	*20*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	650		9.9		mg/Kg		02/17/25 08:29	02/17/25 18:36	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/17/25 08:29	02/17/25 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*91*		*62 - 134*	*02/17/25 08:29*	*02/17/25 18:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		60		mg/Kg		02/13/25 15:39	02/14/25 15:00	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA01@4'

Date Collected: 02/12/25 10:55
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	6800		240		mg/Kg		02/13/25 13:15	02/18/25 18:19	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*207*	*S1+*	*35 - 166*	*02/13/25 13:15*	*02/18/25 18:19*	*50*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	7.3		1.2		mg/Kg		02/13/25 13:15	02/18/25 18:19	50
Ethylbenzene	42		2.4		mg/Kg		02/13/25 13:15	02/18/25 18:19	50
Toluene	170		2.4		mg/Kg		02/13/25 13:15	02/18/25 18:19	50
Xylenes, Total	540		4.7		mg/Kg		02/13/25 13:15	02/18/25 18:19	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*48 - 145*	*02/13/25 13:15*	*02/18/25 18:19*	*50*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1500		19		mg/Kg		02/17/25 08:29	02/18/25 17:17	2
Motor Oil Range Organics [C28-C40]	ND		94		mg/Kg		02/17/25 08:29	02/18/25 17:17	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*02/17/25 08:29*	*02/18/25 17:17*	*2*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/13/25 15:39	02/14/25 15:51	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA02@2'

Date Collected: 02/12/25 11:30
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-3

Matrix: Solid

Method: SW846 8015M/D - 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		02/13/25 13:15	02/18/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*35 - 166*	*02/13/25 13:15*	*02/18/25 17:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		02/13/25 13:15	02/18/25 17:57	1
Ethylbenzene	ND		0.047		mg/Kg		02/13/25 13:15	02/18/25 17:57	1
Toluene	ND		0.047		mg/Kg		02/13/25 13:15	02/18/25 17:57	1
Xylenes, Total	ND		0.093		mg/Kg		02/13/25 13:15	02/18/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/13/25 13:15*	*02/18/25 17:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.9		mg/Kg		02/17/25 08:29	02/17/25 19:22	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		02/17/25 08:29	02/17/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*97*		*62 - 134*	*02/17/25 08:29*	*02/17/25 19:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/13/25 15:39	02/14/25 16:02	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA02@4'

Date Collected: 02/12/25 11:40
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-4

Matrix: Solid

Method: SW846 8015M/D - 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		02/13/25 13:15	02/17/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*02/13/25 13:15*	*02/17/25 21:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024		mg/Kg		02/13/25 13:15	02/17/25 21:28	1
Ethylbenzene	ND		0.049		mg/Kg		02/13/25 13:15	02/17/25 21:28	1
Toluene	ND		0.049		mg/Kg		02/13/25 13:15	02/17/25 21:28	1
Xylenes, Total	ND		0.097		mg/Kg		02/13/25 13:15	02/17/25 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/13/25 13:15*	*02/17/25 21:28*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		02/17/25 08:29	02/17/25 19:46	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/17/25 08:29	02/17/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*02/17/25 08:29*	*02/17/25 19:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/13/25 15:39	02/14/25 16:12	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA03@3'

Date Collected: 02/12/25 12:00
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-5

Matrix: Solid

Method: SW846 8015M/D - 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		02/17/25 12:33	02/18/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*35 - 166*	*02/17/25 12:33*	*02/18/25 21:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/17/25 12:33	02/18/25 21:13	1
Ethylbenzene	ND		0.050		mg/Kg		02/17/25 12:33	02/18/25 21:13	1
Toluene	ND		0.050		mg/Kg		02/17/25 12:33	02/18/25 21:13	1
Xylenes, Total	ND		0.099		mg/Kg		02/17/25 12:33	02/18/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*	*02/17/25 12:33*	*02/18/25 21:13*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.7		mg/Kg		02/17/25 13:47	02/17/25 14:53	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 13:47	02/17/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*94*		*62 - 134*	*02/17/25 13:47*	*02/17/25 14:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/13/25 15:39	02/14/25 16:22	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA03@5'

Date Collected: 02/12/25 12:10
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-6

Matrix: Solid

Method: SW846 8015M/D - 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		02/17/25 12:33	02/18/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*02/17/25 12:33*	*02/18/25 22:40*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/17/25 12:33	02/18/25 22:40	1
Ethylbenzene	ND		0.050		mg/Kg		02/17/25 12:33	02/18/25 22:40	1
Toluene	ND		0.050		mg/Kg		02/17/25 12:33	02/18/25 22:40	1
Xylenes, Total	ND		0.099		mg/Kg		02/17/25 12:33	02/18/25 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/17/25 12:33*	*02/18/25 22:40*	*1*

Method: SW846 8015M/D - 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		02/17/25 13:47	02/17/25 15:16	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		02/17/25 13:47	02/17/25 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*85*		*62 - 134*	*02/17/25 13:47*	*02/17/25 15:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/13/25 15:39	02/14/25 16:33	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA04@2'

Date Collected: 02/12/25 12:30
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-7

Matrix: Solid

Method: SW846 8015M/D - 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		02/17/25 12:33	02/18/25 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*35 - 166*	*02/17/25 12:33*	*02/18/25 23:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/17/25 12:33	02/18/25 23:45	1
Ethylbenzene	ND		0.049		mg/Kg		02/17/25 12:33	02/18/25 23:45	1
Toluene	ND		0.049		mg/Kg		02/17/25 12:33	02/18/25 23:45	1
Xylenes, Total	ND		0.098		mg/Kg		02/17/25 12:33	02/18/25 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/17/25 12:33*	*02/18/25 23:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.4		mg/Kg		02/17/25 13:47	02/17/25 15:40	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		02/17/25 13:47	02/17/25 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*84*		*62 - 134*	*02/17/25 13:47*	*02/17/25 15:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		02/13/25 15:39	02/14/25 16:43	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA04@3'

Date Collected: 02/12/25 12:40
Date Received: 02/13/25 06:30

Lab Sample ID: 885-19883-8
Matrix: Solid

Method: SW846 8015M/D - 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		02/17/25 12:33	02/19/25 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*35 - 166*	*02/17/25 12:33*	*02/19/25 00:07*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023		mg/Kg		02/17/25 12:33	02/19/25 00:07	1
Ethylbenzene	ND		0.047		mg/Kg		02/17/25 12:33	02/19/25 00:07	1
Toluene	ND		0.047		mg/Kg		02/17/25 12:33	02/19/25 00:07	1
Xylenes, Total	ND		0.093		mg/Kg		02/17/25 12:33	02/19/25 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*48 - 145*	*02/17/25 12:33*	*02/19/25 00:07*	*1*

Method: SW846 8015M/D - 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		02/17/25 13:47	02/17/25 16:03	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		02/17/25 13:47	02/17/25 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*89*		*62 - 134*	*02/17/25 13:47*	*02/17/25 16:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67**		60		mg/Kg		02/13/25 15:39	02/14/25 16:53	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

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

Lab Sample ID: MB 885-20793/1-A
Matrix: Solid
Analysis Batch: 20909

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20793

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		02/13/25 13:15	02/17/25 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*35 - 166*	*02/13/25 13:15*	*02/17/25 12:12*	*1*

Lab Sample ID: LCS 885-20793/2-A
Matrix: Solid
Analysis Batch: 20909

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20793

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	19.5		mg/Kg		78	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*204*		*35 - 166*

Lab Sample ID: MB 885-20934/1-A
Matrix: Solid
Analysis Batch: 21050

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20934

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		02/17/25 12:33	02/18/25 20:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*35 - 166*	*02/17/25 12:33*	*02/18/25 20:51*	*1*

Lab Sample ID: LCS 885-20934/2-A
Matrix: Solid
Analysis Batch: 21050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20934

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	24.1		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*203*		*35 - 166*

Lab Sample ID: 885-19883-5 MS
Matrix: Solid
Analysis Batch: 21050

Client Sample ID: HA03@3'
Prep Type: Total/NA
Prep Batch: 20934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]	ND		25.0	27.4		mg/Kg		110	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*217*		*35 - 166*

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

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

Lab Sample ID: 885-19883-5 MSD
Matrix: Solid
Analysis Batch: 21050

Client Sample ID: HA03@3'
Prep Type: Total/NA
Prep Batch: 20934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics [C6 - C10]	ND		24.8	24.7		mg/Kg		100	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*210*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-20793/1-A
Matrix: Solid
Analysis Batch: 20910

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20793

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/13/25 13:15	02/17/25 12:12	1
Ethylbenzene	ND		0.050		mg/Kg		02/13/25 13:15	02/17/25 12:12	1
Toluene	ND		0.050		mg/Kg		02/13/25 13:15	02/17/25 12:12	1
Xylenes, Total	ND		0.10		mg/Kg		02/13/25 13:15	02/17/25 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*48 - 145*	*02/13/25 13:15*	*02/17/25 12:12*	*1*

Lab Sample ID: LCS 885-20793/3-A
Matrix: Solid
Analysis Batch: 20910

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20793

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.966		mg/Kg		97	70 - 130		
Ethylbenzene			1.00	0.974		mg/Kg		97	70 - 130		
m&p-Xylene			2.00	1.92		mg/Kg		96	70 - 130		
o-Xylene			1.00	0.937		mg/Kg		94	70 - 130		
Toluene			1.00	0.956		mg/Kg		96	70 - 130		
Xylenes, Total			3.00	2.86		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*

Lab Sample ID: MB 885-20934/1-A
Matrix: Solid
Analysis Batch: 21051

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20934

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		02/17/25 12:33	02/18/25 20:51	1
Ethylbenzene	ND		0.050		mg/Kg		02/17/25 12:33	02/18/25 20:51	1
Toluene	ND		0.050		mg/Kg		02/17/25 12:33	02/18/25 20:51	1
Xylenes, Total	ND		0.10		mg/Kg		02/17/25 12:33	02/18/25 20:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*48 - 145*	*02/17/25 12:33*	*02/18/25 20:51*	*1*

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QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 885-20934/3-A
Matrix: Solid
Analysis Batch: 21051

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20934

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	0.965		mg/Kg		96	70 - 130		
Ethylbenzene			1.00	0.971		mg/Kg		97	70 - 130		
m&p-Xylene			2.00	1.92		mg/Kg		96	70 - 130		
o-Xylene			1.00	0.936		mg/Kg		94	70 - 130		
Toluene			1.00	0.961		mg/Kg		96	70 - 130		
Xylenes, Total			3.00	2.85		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*

Lab Sample ID: 885-19883-6 MS
Matrix: Solid
Analysis Batch: 21051

Client Sample ID: HA03@5'
Prep Type: Total/NA
Prep Batch: 20934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	ND		0.992	1.03		mg/Kg		104	70 - 130		
Ethylbenzene	ND		0.992	1.04		mg/Kg		105	70 - 130		
m&p-Xylene	ND		1.98	2.08		mg/Kg		105	70 - 130		
o-Xylene	ND		0.992	1.01		mg/Kg		102	70 - 130		
Toluene	ND		0.992	1.04		mg/Kg		105	70 - 130		
Xylenes, Total	ND		2.98	3.09		mg/Kg		104	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*

Lab Sample ID: 885-19883-6 MSD
Matrix: Solid
Analysis Batch: 21051

Client Sample ID: HA03@5'
Prep Type: Total/NA
Prep Batch: 20934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.993	1.04		mg/Kg		105	70 - 130	1	20
Ethylbenzene	ND		0.993	1.06		mg/Kg		107	70 - 130	2	20
m&p-Xylene	ND		1.99	2.13		mg/Kg		107	70 - 130	2	20
o-Xylene	ND		0.993	1.05		mg/Kg		106	70 - 130	4	20
Toluene	ND		0.993	1.04		mg/Kg		105	70 - 130	0	20
Xylenes, Total	ND		2.98	3.18		mg/Kg		107	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*48 - 145*

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

Lab Sample ID: MB 885-20900/1-A
Matrix: Solid
Analysis Batch: 20908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20900

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		02/17/25 08:29	02/17/25 17:49	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

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

Lab Sample ID: MB 885-20900/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 20908 — **Prep Batch: 20900**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		02/17/25 08:29	02/17/25 17:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*	*02/17/25 08:29*	*02/17/25 17:49*	*1*

Lab Sample ID: LCS 885-20900/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 20908 — **Prep Batch: 20900**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	46.8		mg/Kg		94	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*69*		*62 - 134*

Lab Sample ID: 885-19883-4 MS — **Client Sample ID: HA02@4'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 20908 — **Prep Batch: 20900**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	ND		49.0	40.4		mg/Kg		82	44 - 136		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*75*		*62 - 134*

Lab Sample ID: 885-19883-4 MSD — **Client Sample ID: HA02@4'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 20908 — **Prep Batch: 20900**

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		48.9	40.7		mg/Kg		83	44 - 136	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*79*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-20803/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 20838 — **Prep Batch: 20803**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		3.0		mg/Kg		02/13/25 15:39	02/14/25 09:54	1

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-20803/2-A
Matrix: Solid
Analysis Batch: 20838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20803

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			30.0	28.8		mg/Kg		96	90 - 110		

Lab Sample ID: 885-19883-1 MS
Matrix: Solid
Analysis Batch: 20838

Client Sample ID: HA01@1'
Prep Type: Total/NA
Prep Batch: 20803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	140		30.0	164	4	mg/Kg		65	50 - 150		

Lab Sample ID: 885-19883-1 MSD
Matrix: Solid
Analysis Batch: 20838

Client Sample ID: HA01@1'
Prep Type: Total/NA
Prep Batch: 20803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	140		29.8	174	4	mg/Kg		97	50 - 150	6	20

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

GC VOA

Prep Batch: 20793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-1	HA01@1'	Total/NA	Solid	5030C	
885-19883-2	HA01@4'	Total/NA	Solid	5030C	
885-19883-3	HA02@2'	Total/NA	Solid	5030C	
885-19883-4	HA02@4'	Total/NA	Solid	5030C	
MB 885-20793/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-20793/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-20793/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 20909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-1	HA01@1'	Total/NA	Solid	8015M/D	20793
885-19883-4	HA02@4'	Total/NA	Solid	8015M/D	20793
MB 885-20793/1-A	Method Blank	Total/NA	Solid	8015M/D	20793
LCS 885-20793/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	20793

Analysis Batch: 20910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-1	HA01@1'	Total/NA	Solid	8021B	20793
885-19883-4	HA02@4'	Total/NA	Solid	8021B	20793
MB 885-20793/1-A	Method Blank	Total/NA	Solid	8021B	20793
LCS 885-20793/3-A	Lab Control Sample	Total/NA	Solid	8021B	20793

Prep Batch: 20934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-5	HA03@3'	Total/NA	Solid	5030C	
885-19883-6	HA03@5'	Total/NA	Solid	5030C	
885-19883-7	HA04@2'	Total/NA	Solid	5030C	
885-19883-8	HA04@3'	Total/NA	Solid	5030C	
MB 885-20934/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-20934/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-20934/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-19883-5 MS	HA03@3'	Total/NA	Solid	5030C	
885-19883-5 MSD	HA03@3'	Total/NA	Solid	5030C	
885-19883-6 MS	HA03@5'	Total/NA	Solid	5030C	
885-19883-6 MSD	HA03@5'	Total/NA	Solid	5030C	

Analysis Batch: 21046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-2	HA01@4'	Total/NA	Solid	8021B	20793
885-19883-3	HA02@2'	Total/NA	Solid	8021B	20793

Analysis Batch: 21047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-2	HA01@4'	Total/NA	Solid	8015M/D	20793
885-19883-3	HA02@2'	Total/NA	Solid	8015M/D	20793

Analysis Batch: 21050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-5	HA03@3'	Total/NA	Solid	8015M/D	20934
885-19883-6	HA03@5'	Total/NA	Solid	8015M/D	20934
885-19883-7	HA04@2'	Total/NA	Solid	8015M/D	20934

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

GC VOA (Continued)

Analysis Batch: 21050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-8	HA04@3'	Total/NA	Solid	8015M/D	20934
MB 885-20934/1-A	Method Blank	Total/NA	Solid	8015M/D	20934
LCS 885-20934/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	20934
885-19883-5 MS	HA03@3'	Total/NA	Solid	8015M/D	20934
885-19883-5 MSD	HA03@3'	Total/NA	Solid	8015M/D	20934

Analysis Batch: 21051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-5	HA03@3'	Total/NA	Solid	8021B	20934
885-19883-6	HA03@5'	Total/NA	Solid	8021B	20934
885-19883-7	HA04@2'	Total/NA	Solid	8021B	20934
885-19883-8	HA04@3'	Total/NA	Solid	8021B	20934
MB 885-20934/1-A	Method Blank	Total/NA	Solid	8021B	20934
LCS 885-20934/3-A	Lab Control Sample	Total/NA	Solid	8021B	20934
885-19883-6 MS	HA03@5'	Total/NA	Solid	8021B	20934
885-19883-6 MSD	HA03@5'	Total/NA	Solid	8021B	20934

GC Semi VOA

Prep Batch: 20900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-1	HA01@1'	Total/NA	Solid	SHAKE	
885-19883-2	HA01@4'	Total/NA	Solid	SHAKE	
885-19883-3	HA02@2'	Total/NA	Solid	SHAKE	
885-19883-4	HA02@4'	Total/NA	Solid	SHAKE	
885-19883-5	HA03@3'	Total/NA	Solid	SHAKE	
885-19883-6	HA03@5'	Total/NA	Solid	SHAKE	
885-19883-7	HA04@2'	Total/NA	Solid	SHAKE	
885-19883-8	HA04@3'	Total/NA	Solid	SHAKE	
MB 885-20900/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-20900/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-19883-4 MS	HA02@4'	Total/NA	Solid	SHAKE	
885-19883-4 MSD	HA02@4'	Total/NA	Solid	SHAKE	

Analysis Batch: 20908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-1	HA01@1'	Total/NA	Solid	8015M/D	20900
885-19883-3	HA02@2'	Total/NA	Solid	8015M/D	20900
885-19883-4	HA02@4'	Total/NA	Solid	8015M/D	20900
885-19883-5	HA03@3'	Total/NA	Solid	8015M/D	20900
885-19883-6	HA03@5'	Total/NA	Solid	8015M/D	20900
885-19883-7	HA04@2'	Total/NA	Solid	8015M/D	20900
885-19883-8	HA04@3'	Total/NA	Solid	8015M/D	20900
MB 885-20900/1-A	Method Blank	Total/NA	Solid	8015M/D	20900
LCS 885-20900/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	20900
885-19883-4 MS	HA02@4'	Total/NA	Solid	8015M/D	20900
885-19883-4 MSD	HA02@4'	Total/NA	Solid	8015M/D	20900

Analysis Batch: 21001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-2	HA01@4'	Total/NA	Solid	8015M/D	20900

QC Association Summary

Client: Hilcorp Energy
Job ID: 885-19883-1
Project/Site: San Juan 29-6 #74B

HPLC/IC

Prep Batch: 20803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-1	HA01@1'	Total/NA	Solid	300_Prep	
885-19883-2	HA01@4'	Total/NA	Solid	300_Prep	
885-19883-3	HA02@2'	Total/NA	Solid	300_Prep	
885-19883-4	HA02@4'	Total/NA	Solid	300_Prep	
885-19883-5	HA03@3'	Total/NA	Solid	300_Prep	
885-19883-6	HA03@5'	Total/NA	Solid	300_Prep	
885-19883-7	HA04@2'	Total/NA	Solid	300_Prep	
885-19883-8	HA04@3'	Total/NA	Solid	300_Prep	
MB 885-20803/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-20803/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-19883-1 MS	HA01@1'	Total/NA	Solid	300_Prep	
885-19883-1 MSD	HA01@1'	Total/NA	Solid	300_Prep	

Analysis Batch: 20838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19883-1	HA01@1'	Total/NA	Solid	300.0	20803
885-19883-2	HA01@4'	Total/NA	Solid	300.0	20803
885-19883-3	HA02@2'	Total/NA	Solid	300.0	20803
885-19883-4	HA02@4'	Total/NA	Solid	300.0	20803
885-19883-5	HA03@3'	Total/NA	Solid	300.0	20803
885-19883-6	HA03@5'	Total/NA	Solid	300.0	20803
885-19883-7	HA04@2'	Total/NA	Solid	300.0	20803
885-19883-8	HA04@3'	Total/NA	Solid	300.0	20803
MB 885-20803/1-A	Method Blank	Total/NA	Solid	300.0	20803
LCS 885-20803/2-A	Lab Control Sample	Total/NA	Solid	300.0	20803
885-19883-1 MS	HA01@1'	Total/NA	Solid	300.0	20803
885-19883-1 MSD	HA01@1'	Total/NA	Solid	300.0	20803

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

Client Sample ID: HA01@1'

Lab Sample ID: 885-19883-1

Date Collected: 02/12/25 10:50
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8015M/D		20	20909	AT	EET ALB	02/17/25 20:23
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8021B		20	20910	AT	EET ALB	02/17/25 20:23
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 08:29
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/17/25 18:36
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 15:00

Client Sample ID: HA01@4'

Lab Sample ID: 885-19883-2

Date Collected: 02/12/25 10:55
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8015M/D		50	21047	AT	EET ALB	02/18/25 18:19
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8021B		50	21046	AT	EET ALB	02/18/25 18:19
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 08:29
Total/NA	Analysis	8015M/D		2	21001	MI	EET ALB	02/18/25 17:17
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 15:51

Client Sample ID: HA02@2'

Lab Sample ID: 885-19883-3

Date Collected: 02/12/25 11:30
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8015M/D		1	21047	AT	EET ALB	02/18/25 17:57
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8021B		1	21046	AT	EET ALB	02/18/25 17:57
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 08:29
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/17/25 19:22
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 16:02

Client Sample ID: HA02@4'

Lab Sample ID: 885-19883-4

Date Collected: 02/12/25 11:40
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8015M/D		1	20909	AT	EET ALB	02/17/25 21:28

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-19883-1
Project/Site: San Juan 29-6 #74B

Client Sample ID: HA02@4'
Lab Sample ID: 885-19883-4
Date Collected: 02/12/25 11:40
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20793	AT	EET ALB	02/13/25 13:15
Total/NA	Analysis	8021B		1	20910	AT	EET ALB	02/17/25 21:28
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 08:29
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/17/25 19:46
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 16:12

Client Sample ID: HA03@3'
Lab Sample ID: 885-19883-5
Date Collected: 02/12/25 12:00
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8015M/D		1	21050	AT	EET ALB	02/18/25 21:13
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8021B		1	21051	AT	EET ALB	02/18/25 21:13
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 13:47
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/17/25 14:53
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 16:22

Client Sample ID: HA03@5'
Lab Sample ID: 885-19883-6
Date Collected: 02/12/25 12:10
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8015M/D		1	21050	AT	EET ALB	02/18/25 22:40
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8021B		1	21051	AT	EET ALB	02/18/25 22:40
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 13:47
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/17/25 15:16
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 16:33

Client Sample ID: HA04@2'
Lab Sample ID: 885-19883-7
Date Collected: 02/12/25 12:30
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8015M/D		1	21050	AT	EET ALB	02/18/25 23:45
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8021B		1	21051	AT	EET ALB	02/18/25 23:45

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-19883-1
Project/Site: San Juan 29-6 #74B

Client Sample ID: HA04@2'
Lab Sample ID: 885-19883-7
Date Collected: 02/12/25 12:30
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 13:47
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/17/25 15:40
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 16:43

Client Sample ID: HA04@3'
Lab Sample ID: 885-19883-8
Date Collected: 02/12/25 12:40
Matrix: Solid
Date Received: 02/13/25 06:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8015M/D		1	21050	AT	EET ALB	02/19/25 00:07
Total/NA	Prep	5030C			20934	AT	EET ALB	02/17/25 12:33
Total/NA	Analysis	8021B		1	21051	AT	EET ALB	02/19/25 00:07
Total/NA	Prep	SHAKE			20900	MI	EET ALB	02/17/25 13:47
Total/NA	Analysis	8015M/D		1	20908	MI	EET ALB	02/17/25 16:03
Total/NA	Prep	300_Prep			20803	RC	EET ALB	02/13/25 15:39
Total/NA	Analysis	300.0		20	20838	EH	EET ALB	02/14/25 16:53

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-19883-1

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
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	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	02-25-25

Chain-of-Custody Record

Client: Hilcorp Energy Company

Mailing Address:

Phone #: 816-266-8732

email or Fax#: WWeichert@Ensolum.com

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: San Juan 29-6 #74B

Project #:

Project Manager: Wes Weichert

Sampler: W. Weichert

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 2.3 ± 0 = 2.3 (°C)

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

885-19883 COC

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, NO3, NO2, PO4, SO4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
2-12	10:50	Soil	HA01@1'	4oz glass	none		X	X					X			
	10:55		HA01@4'													
	11:30		HA02@2'													
	11:40		HA02@4'													
	12:00		HA03@3'													
	12:10		HA03@5'													
	12:30		HA04@2'													
	12:40		HA04@3'													

Date	Time	Relinquished by	Received by	Via	Date	Time
2/12/25	1411	Wm Weichert	[illegible]		2/12/25	1411
2/12/25	1740	[illegible]	[illegible]	courier	2/13/25	10:30

Remarks: CC Kate Kaufman
KKaufman@hilcorp.com
Stuart Hyde
Shyde@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

Login Sample Receipt Checklist

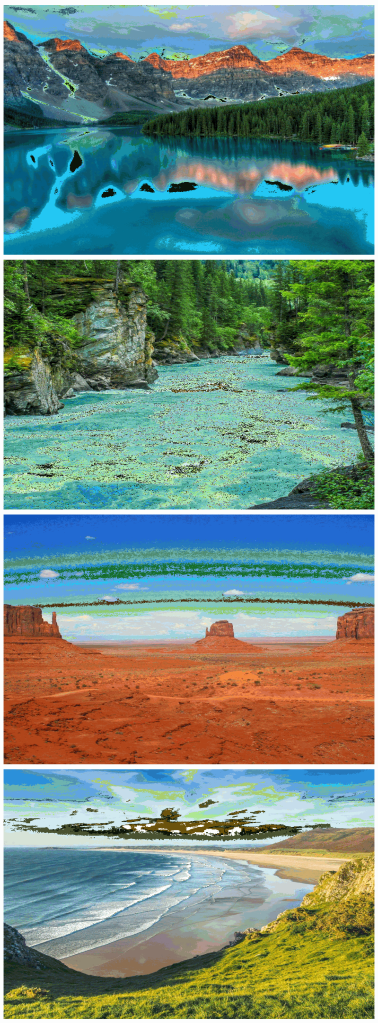
Client: Hilcorp Energy Job Number: 885-19883-1

Login Number: 19883 **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.	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Report to:

Wes Weichert



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	San Juan 29-6 #74B
Work Order:	E502277
Job Number:	17051-0002
Received:	2/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/28/25

Date Reported: 2/28/25

Wes Weichert
PO Box 61529
Houston, TX 77208

Project Name: San Juan 29-6 #74B
Workorder: E502277
Date Received: 2/26/2025 2:26:00PM

Wes Weichert,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/26/2025 2:26:00PM, under the Project Name: San Juan 29-6 #74B.

The analytical test results summarized in this report with the Project Name: San Juan 29-6 #74B 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,

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Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Wes Weichert	02/28/25 14:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01@5'	E502277-01A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.
PH01@10'	E502277-02A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.
PH02@2'	E502277-03A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.
PH02@7'	E502277-04A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.
PH03@7'	E502277-05A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.
PH03@8'	E502277-06A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.
PH04@4'	E502277-07A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.
PH04@8'	E502277-08A	Soil	02/26/25	02/26/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH01@5'

E502277-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	**1.89**	0.250	10	02/27/25	02/27/25	
Ethylbenzene	**9.93**	0.250	10	02/27/25	02/27/25	
Toluene	**41.7**	0.250	10	02/27/25	02/27/25	
o-Xylene	**29.0**	0.250	10	02/27/25	02/27/25	
p,m-Xylene	**122**	0.500	10	02/27/25	02/27/25	
Total Xylenes	**151**	0.250	10	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.3 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	**1430**	200	10	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*117 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2509093
Diesel Range Organics (C10-C28)	**721**	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*400 %*	*61-141*	*02/27/25*	*02/27/25*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	**49.1**	20.0	1	02/27/25	02/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH01@10'

E502277-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	**0.276**	0.125	5	02/27/25	02/27/25	
Ethylbenzene	**2.69**	0.125	5	02/27/25	02/27/25	
Toluene	**7.84**	0.125	5	02/27/25	02/27/25	
o-Xylene	**7.74**	0.125	5	02/27/25	02/27/25	
p,m-Xylene	**34.4**	0.250	5	02/27/25	02/27/25	
Total Xylenes	**42.2**	0.125	5	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.1 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	**304**	100	5	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2509093
Diesel Range Organics (C10-C28)	**289**	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*195 %*	*61-141*	*02/27/25*	*02/27/25*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	ND	20.0	1	02/27/25	02/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH02@2'

E502277-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	ND	0.250	10	02/27/25	02/27/25	
Ethylbenzene	**2.73**	0.250	10	02/27/25	02/27/25	
Toluene	**3.12**	0.250	10	02/27/25	02/27/25	
o-Xylene	**11.1**	0.250	10	02/27/25	02/27/25	
p,m-Xylene	**37.2**	0.500	10	02/27/25	02/27/25	
Total Xylenes	**48.3**	0.250	10	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.9 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	**776**	200	10	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2509093
Diesel Range Organics (C10-C28)	**25.7**	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*84.7 %*	*61-141*	*02/27/25*	*02/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	ND	20.0	1	02/27/25	02/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH02@7'

E502277-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	**0.132**	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	**0.528**	0.0250	1	02/27/25	02/27/25	
Toluene	**2.62**	0.0250	1	02/27/25	02/27/25	
o-Xylene	**1.40**	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	**6.53**	0.0500	1	02/27/25	02/27/25	
Total Xylenes	**7.93**	0.0250	1	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.4 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	**94.1**	20.0	1	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2509093
Diesel Range Organics (C10-C28)	**226**	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*189 %*	*61-141*	*02/27/25*	*02/27/25*	*S5*
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	**20.5**	20.0	1	02/27/25	02/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH03@7'

E502277-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.8 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509093
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*99.6 %*	*61-141*	*02/27/25*	*02/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	**27.8**	20.0	1	02/27/25	02/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH03@8'

E502277-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	**0.0605**	0.0250	1	02/27/25	02/27/25	
o-Xylene	**0.0471**	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	**0.178**	0.0500	1	02/27/25	02/27/25	
Total Xylenes	**0.225**	0.0250	1	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*77.4 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.1 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509093
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*02/27/25*	*02/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	ND	40.0	2	02/27/25	02/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH04@4'

E502277-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*78.1 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509093
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*91.1 %*	*61-141*	*02/27/25*	*02/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	ND	20.0	1	02/27/25	02/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

PH04@8'

E502277-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Benzene	ND	0.0250	1	02/27/25	02/27/25	
Ethylbenzene	ND	0.0250	1	02/27/25	02/27/25	
Toluene	ND	0.0250	1	02/27/25	02/27/25	
o-Xylene	ND	0.0250	1	02/27/25	02/27/25	
p,m-Xylene	ND	0.0500	1	02/27/25	02/27/25	
Total Xylenes	ND	0.0250	1	02/27/25	02/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*78.8 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2509092
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/27/25	02/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*02/27/25*	*02/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF			Batch: 2509093
Diesel Range Organics (C10-C28)	ND	25.0	1	02/27/25	02/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/27/25	02/27/25	
Surrogate: n-Nonane		*96.3 %*	*61-141*	*02/27/25*	*02/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK			Batch: 2509094
Chloride	ND	20.0	1	02/27/25	02/27/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

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 (2509092-BLK1)									Prepared: 02/26/25 Analyzed: 02/26/25
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	*6.49*		*8.00*		*81.2*	*70-130*			
LCS (2509092-BS1)									Prepared: 02/26/25 Analyzed: 02/27/25
Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.31	0.0250	5.00		106	70-130			
o-Xylene	5.11	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.53*		*8.00*		*81.6*	*70-130*			
LCS Dup (2509092-BSD1)									Prepared: 02/26/25 Analyzed: 02/27/25
Benzene	5.39	0.0250	5.00		108	70-130	0.209	20	
Ethylbenzene	5.15	0.0250	5.00		103	70-130	0.203	20	
Toluene	5.30	0.0250	5.00		106	70-130	0.0669	20	
o-Xylene	5.11	0.0250	5.00		102	70-130	0.0597	20	
p,m-Xylene	10.4	0.0500	10.0		104	70-130	0.274	20	
Total Xylenes	15.5	0.0250	15.0		103	70-130	0.164	20	
Surrogate: 4-Bromochlorobenzene-PID	*6.52*		*8.00*		*81.5*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

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 (2509092-BLK1)									Prepared: 02/26/25 Analyzed: 02/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			
LCS (2509092-BS2)									Prepared: 02/26/25 Analyzed: 02/27/25
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*8.00*		*94.8*	*70-130*			
LCS Dup (2509092-BSD2)									Prepared: 02/26/25 Analyzed: 02/27/25
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0		84.0	70-130	4.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*94.9*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2509093-BLK1)									Prepared: 02/27/25 Analyzed: 02/27/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.7*		*50.0*		*93.5*	*61-141*			
LCS (2509093-BS1)									Prepared: 02/27/25 Analyzed: 02/27/25
Diesel Range Organics (C10-C28)	220	25.0	250		88.0	66-144			
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*61-141*			
LCS Dup (2509093-BSD1)									Prepared: 02/27/25 Analyzed: 02/27/25
Diesel Range Organics (C10-C28)	223	25.0	250		89.1	66-144	1.24	20	
Surrogate: n-Nonane	*46.9*		*50.0*		*93.9*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Wes Weichert	2/28/2025 2:05:05PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2509094-BLK1)									Prepared: 02/27/25 Analyzed: 02/27/25
Chloride	ND	20.0							
LCS (2509094-BS1)									Prepared: 02/27/25 Analyzed: 02/27/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2509094-MS1)				**Source: E502277-04**					Prepared: 02/27/25 Analyzed: 02/27/25
Chloride	272	20.0	250	20.5	101	80-120			
Matrix Spike Dup (2509094-MSD1)				**Source: E502277-04**					Prepared: 02/27/25 Analyzed: 02/27/25
Chloride	272	20.0	250	20.5	100	80-120	0.0401	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 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Wes Weichert	02/28/25 14:05

S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp / Ensolum	Company: Hilcorp	Lab WO# E502277	Job Number 17051-0002	1D: X; 2D: ; 3D: ; Std: X (NS 2-26-25)	NM: ; CO: ; UT: ; TX:
Project Name: San Juan 29-6 #74B	Address:				
Project Manager: Wes Weichert	City, State, Zip:				
Address: 848 E 2nd Ave.	Phone:				
City, State, Zip: Durango CO 81301	Email: KKaufman@Hilcorp.com				
Phone: 816-266-8732	Miscellaneous: ~~Kayla~~ Shyde@ensolum.com				
Email: WWeichert@Ensolum.com					

Sample Information

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance | Y | or | N

PWSID #

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	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg			Remarks
10:15	2-26	Soil	1	PH01@5'		1	X	X	X		X							Changed TAT
10:30	2-26	Soil	1	PH01@10'		2	X	X	X		X							Per client.
10:45	2-26			PH02@2'		3	X	X	X		X							NS 2-26-25
11:00				PH02@7'		4	X	X	X		X							
11:15				PH03@7'		5	X	X	X		X							
11:30				PH03@8'		6	X	X	X		X							
11:45				PH04@4'		7	X	X	X		X							
12:00	↓	↓	↓	PH04@8'		8	X	X	X		X							
											↓							

Additional Instructions:

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: W. Weichert

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Wes Weichert	2-26-25	14:26	Cat Kaufman	2/26/25	14:26
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 in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C 4

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

Chain of Custody

Client Information
Client: Hilcorp / Ensolum
Project Name: San Juan 29-6 #74B
Project Manager: Wes Weichert
Address: 848 E 2nd Ave.
City, State, Zip: Durango CO 81301
Phone: 816-266-8732
Email: WWeichert@Ensolum.Com

Invoice Information
Company: Hilcorp
Address:
City, State, Zip:
Phone:
Email: KKaufman@Hilcorp.com
Miscellaneous: Shyde@ensolum.com

Lab Use Only
Lab WO# E502277
Job Number 17051-0002

TAT
1D | 2D | 3D | Std (X)

State
NM | 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	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg			Remarks
10:15	2-26	Soil	1	PH01@5'		1	X	X	X		X							
10:30	2-26	Soil	1	PH01@10'		2	X	X	X		X							
10:45	2-26			PH02@2'		3	X	X	X		X							
11:00				PH02@7'		4	X	X	X		X							
11:15				PH03@7'		5	X	X	X		X							
11:30				PH03@8'		6	X	X	X		X							
11:45				PH04@4'		7	X	X	X		X							
12:00				PH04@8'		8	X	X	X		X							

Additional Instructions:

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: W. Weichert

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Wes Weichert	2-26-25	14:26	[signature]	2/26/25	14:26

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Lab Use Only
Received on ice: (Y) N
T1 T2 T3
AVG Temp °C 4

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

Envirotech Analytical Laboratory

Printed: 2/26/2025 4:49:17PM

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:	02/26/25 14:26	Work Order ID:	E502277
Phone:	-	Date Logged In:	02/26/25 16:38	Logged In By:	Noe Soto
Email:	wweichert@ensolum.com	Due Date:	03/05/25 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: Wes Weichert
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? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes
13. If no visible ice, record the temperature. Actual sample temperature: 4°C	

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 filteration 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.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kate Kaufman
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 4/8/2025 8:23:49 PM

JOB DESCRIPTION

San Juan 29-6 #74B

JOB NUMBER

885-22467-1

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

Generated
4/8/2025 8:23:49 PM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Laboratory Job ID: 885-22467-1

Table of Contents

Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

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 #74B

Job ID: 885-22467-1

Job ID: 885-22467-1 Eurofins Albuquerque

Job Narrative
885-22467-1

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

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

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

Receipt
The samples were received on 4/2/2025 7:10 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 4.5°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
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 #74B

Job ID: 885-22467-1

Client Sample ID: BH01@20'

Date Collected: 04/01/25 09:40
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	**70**		5.0		mg/Kg		04/03/25 10:16	04/04/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*195*	*S1+*	*35 - 166*	*04/03/25 10:16*	*04/04/25 18:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 18:38	1
Ethylbenzene	**0.27**		0.050		mg/Kg		04/03/25 10:16	04/04/25 18:38	1
Toluene	**0.079**		0.050		mg/Kg		04/03/25 10:16	04/04/25 18:38	1
Xylenes, Total	**2.9**		0.099		mg/Kg		04/03/25 10:16	04/04/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*48 - 145*	*04/03/25 10:16*	*04/04/25 18:38*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**57**		9.6		mg/Kg		04/04/25 13:27	04/04/25 22:51	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/04/25 13:27	04/04/25 22:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*109*		*62 - 134*	*04/04/25 13:27*	*04/04/25 22:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/03/25 13:20	04/03/25 18:26	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH01@25'

Date Collected: 04/01/25 09:50
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	62		4.9		mg/Kg		04/03/25 10:16	04/04/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*193*	*S1+*	*35 - 166*	*04/03/25 10:16*	*04/04/25 19:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 19:22	1
Ethylbenzene	0.26		0.049		mg/Kg		04/03/25 10:16	04/04/25 19:22	1
Toluene	0.15		0.049		mg/Kg		04/03/25 10:16	04/04/25 19:22	1
Xylenes, Total	2.8		0.098		mg/Kg		04/03/25 10:16	04/04/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*48 - 145*	*04/03/25 10:16*	*04/04/25 19:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	19		9.8		mg/Kg		04/04/25 13:27	04/04/25 23:02	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/04/25 13:27	04/04/25 23:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*100*		*62 - 134*	*04/04/25 13:27*	*04/04/25 23:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/03/25 13:20	04/03/25 19:18	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH01@30'

Date Collected: 04/01/25 10:15
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-3

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/04/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*04/03/25 10:16*	*04/04/25 19:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 19:43	1
Ethylbenzene	ND		0.050		mg/Kg		04/03/25 10:16	04/04/25 19:43	1
Toluene	ND		0.050		mg/Kg		04/03/25 10:16	04/04/25 19:43	1
Xylenes, Total	ND		0.10		mg/Kg		04/03/25 10:16	04/04/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*04/03/25 10:16*	*04/04/25 19:43*	*1*

Method: SW846 8015M/D - 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		04/04/25 13:27	04/04/25 23:14	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/04/25 13:27	04/04/25 23:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*04/04/25 13:27*	*04/04/25 23:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/03/25 13:20	04/03/25 19:49	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH02@15'

Date Collected: 04/01/25 10:40
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-4

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/04/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/03/25 10:16*	*04/04/25 20:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 20:05	1
Ethylbenzene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 20:05	1
Toluene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 20:05	1
Xylenes, Total	ND		0.099		mg/Kg		04/03/25 10:16	04/04/25 20:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*04/03/25 10:16*	*04/04/25 20:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**15**		9.6		mg/Kg		04/04/25 13:27	04/04/25 23:25	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/04/25 13:27	04/04/25 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*111*		*62 - 134*	*04/04/25 13:27*	*04/04/25 23:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61		mg/Kg		04/03/25 13:20	04/03/25 20:00	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH02@25'

Date Collected: 04/01/25 11:00
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-5

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/04/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*35 - 166*	*04/03/25 10:16*	*04/04/25 20:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 20:27	1
Ethylbenzene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 20:27	1
Toluene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 20:27	1
Xylenes, Total	ND		0.099		mg/Kg		04/03/25 10:16	04/04/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*04/03/25 10:16*	*04/04/25 20:27*	*1*

Method: SW846 8015M/D - 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		04/04/25 13:27	04/04/25 23:37	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/04/25 13:27	04/04/25 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*116*		*62 - 134*	*04/04/25 13:27*	*04/04/25 23:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61		mg/Kg		04/03/25 13:20	04/03/25 20:10	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH03@5'

Date Collected: 04/01/25 11:15
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-6

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/04/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*35 - 166*	*04/03/25 10:16*	*04/04/25 20:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 20:49	1
Ethylbenzene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 20:49	1
Toluene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 20:49	1
Xylenes, Total	ND		0.099		mg/Kg		04/03/25 10:16	04/04/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*48 - 145*	*04/03/25 10:16*	*04/04/25 20:49*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**15**		9.8		mg/Kg		04/04/25 13:27	04/04/25 23:49	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/04/25 13:27	04/04/25 23:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*04/04/25 13:27*	*04/04/25 23:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**440**		60		mg/Kg		04/03/25 13:20	04/03/25 20:20	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH03@25'

Date Collected: 04/01/25 11:45
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-7

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/04/25 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*35 - 166*	*04/03/25 10:16*	*04/04/25 21:11*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 21:11	1
Ethylbenzene	ND		0.050		mg/Kg		04/03/25 10:16	04/04/25 21:11	1
Toluene	ND		0.050		mg/Kg		04/03/25 10:16	04/04/25 21:11	1
Xylenes, Total	ND		0.099		mg/Kg		04/03/25 10:16	04/04/25 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*48 - 145*	*04/03/25 10:16*	*04/04/25 21:11*	*1*

Method: SW846 8015M/D - 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		04/04/25 13:27	04/05/25 00:00	1
Motor Oil Range Organics [C28-C40]	ND		46		mg/Kg		04/04/25 13:27	04/05/25 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*118*		*62 - 134*	*04/04/25 13:27*	*04/05/25 00:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/03/25 13:20	04/03/25 20:31	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH04@10'

Date Collected: 04/01/25 12:20
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-8

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/07/25 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*35 - 166*	*04/03/25 10:16*	*04/07/25 12:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 21:33	1
Ethylbenzene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 21:33	1
Toluene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 21:33	1
Xylenes, Total	ND		0.099		mg/Kg		04/03/25 10:16	04/04/25 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*48 - 145*	*04/03/25 10:16*	*04/04/25 21:33*	*1*

Method: SW846 8015M/D - 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		04/04/25 13:27	04/05/25 00:12	1
Motor Oil Range Organics [C28-C40]	ND		47		mg/Kg		04/04/25 13:27	04/05/25 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*122*		*62 - 134*	*04/04/25 13:27*	*04/05/25 00:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/03/25 13:20	04/03/25 20:41	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH04@15'

Date Collected: 04/01/25 12:36
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-9

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/07/25 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*35 - 166*	*04/03/25 10:16*	*04/07/25 13:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 21:55	1
Ethylbenzene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 21:55	1
Toluene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 21:55	1
Xylenes, Total	ND		0.098		mg/Kg		04/03/25 10:16	04/04/25 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*48 - 145*	*04/03/25 10:16*	*04/04/25 21:55*	*1*

Method: SW846 8015M/D - 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		04/04/25 13:27	04/05/25 00:24	1
Motor Oil Range Organics [C28-C40]	ND		48		mg/Kg		04/04/25 13:27	04/05/25 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*121*		*62 - 134*	*04/04/25 13:27*	*04/05/25 00:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		61		mg/Kg		04/03/25 13:20	04/03/25 20:51	20

Client Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Client Sample ID: BH04@25'

Date Collected: 04/01/25 13:00
Date Received: 04/02/25 07:10

Lab Sample ID: 885-22467-10

Matrix: Solid

Method: SW846 8015M/D - 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		04/03/25 10:16	04/07/25 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*35 - 166*	*04/03/25 10:16*	*04/07/25 13:27*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 22:17	1
Ethylbenzene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 22:17	1
Toluene	ND		0.049		mg/Kg		04/03/25 10:16	04/04/25 22:17	1
Xylenes, Total	ND		0.098		mg/Kg		04/03/25 10:16	04/04/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*48 - 145*	*04/03/25 10:16*	*04/04/25 22:17*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8		mg/Kg		04/04/25 13:58	04/04/25 22:52	1
Motor Oil Range Organics [C28-C40]	ND		49		mg/Kg		04/04/25 13:58	04/04/25 22:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*125*		*62 - 134*	*04/04/25 13:58*	*04/04/25 22:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60		mg/Kg		04/03/25 13:20	04/03/25 21:22	20

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

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

Lab Sample ID: MB 885-23613/1-A
Matrix: Solid
Analysis Batch: 23700

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 23613

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0		mg/Kg		04/03/25 10:16	04/04/25 13:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*35 - 166*	*04/03/25 10:16*	*04/04/25 13:51*	*1*

Lab Sample ID: LCS 885-23613/2-A
Matrix: Solid
Analysis Batch: 23700

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 23613

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics [C6 - C10]			25.0	26.8		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*229*		*35 - 166*

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-23613/1-A
Matrix: Solid
Analysis Batch: 23701

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 23613

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025		mg/Kg		04/03/25 10:16	04/04/25 13:51	1
Ethylbenzene	ND		0.050		mg/Kg		04/03/25 10:16	04/04/25 13:51	1
Toluene	ND		0.050		mg/Kg		04/03/25 10:16	04/04/25 13:51	1
Xylenes, Total	ND		0.10		mg/Kg		04/03/25 10:16	04/04/25 13:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*48 - 145*	*04/03/25 10:16*	*04/04/25 13:51*	*1*

Lab Sample ID: LCS 885-23613/3-A
Matrix: Solid
Analysis Batch: 23701

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 23613

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			1.00	1.06		mg/Kg		106	70 - 130		
Ethylbenzene			1.00	1.09		mg/Kg		109	70 - 130		
m&p-Xylene			2.00	2.15		mg/Kg		107	70 - 130		
o-Xylene			1.00	1.08		mg/Kg		108	70 - 130		
Toluene			1.00	1.05		mg/Kg		105	70 - 130		
Xylenes, Total			3.00	3.23		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*48 - 145*

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

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

Lab Sample ID: MB 885-23722/1-A
Matrix: Solid
Analysis Batch: 23660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 23722

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/04/25 13:27	04/04/25 19:44	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/04/25 13:27	04/04/25 19:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*101*		*62 - 134*	*04/04/25 13:27*	*04/04/25 19:44*	*1*

Lab Sample ID: LCS 885-23722/2-A
Matrix: Solid
Analysis Batch: 23660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 23722

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	50.8		mg/Kg		102	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*99*		*62 - 134*

Lab Sample ID: MB 885-23726/1-A
Matrix: Solid
Analysis Batch: 23661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 23726

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10		mg/Kg		04/04/25 13:58	04/04/25 15:52	1
Motor Oil Range Organics [C28-C40]	ND		50		mg/Kg		04/04/25 13:58	04/04/25 15:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Di-n-octyl phthalate (Surr)	*108*		*62 - 134*	*04/04/25 13:58*	*04/04/25 15:52*	*1*

Lab Sample ID: LCS 885-23726/2-A
Matrix: Solid
Analysis Batch: 23661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 23726

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			50.0	42.7		mg/Kg		85	60 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Di-n-octyl phthalate (Surr)	*90*		*62 - 134*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 885-23616/3
Matrix: Solid
Analysis Batch: 23616

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.526		mg/L		105	50 - 150		

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-23630/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 23616 — **Prep Batch: 23630**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5		mg/Kg		04/03/25 13:20	04/03/25 17:55	1

Lab Sample ID: LCS 885-23630/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 23616 — **Prep Batch: 23630**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			15.0	14.4		mg/Kg		96	90 - 110		

Lab Sample ID: LLCS 885-23630/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 23616 — **Prep Batch: 23630**

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			1.50	1.58		mg/Kg		105	50 - 150		

Lab Sample ID: 885-22467-1 MS — **Client Sample ID: BH01@20'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 23616 — **Prep Batch: 23630**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		30.1	ND		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-22467-1 MSD — **Client Sample ID: BH01@20'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 23616 — **Prep Batch: 23630**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		29.9	ND		mg/Kg		NC	50 - 150	NC	20

Lab Sample ID: 885-22467-2 MS — **Client Sample ID: BH01@25'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 23616 — **Prep Batch: 23630**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	ND		29.7	ND		mg/Kg		NC	50 - 150		

Lab Sample ID: 885-22467-2 MSD — **Client Sample ID: BH01@25'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 23616 — **Prep Batch: 23630**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	ND		30.2	ND		mg/Kg		NC	50 - 150	NC	20

QC Association Summary

Client: Hilcorp Energy
Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

GC VOA

Prep Batch: 23613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-1	BH01@20'	Total/NA	Solid	5030C	
885-22467-2	BH01@25'	Total/NA	Solid	5030C	
885-22467-3	BH01@30'	Total/NA	Solid	5030C	
885-22467-4	BH02@15'	Total/NA	Solid	5030C	
885-22467-5	BH02@25'	Total/NA	Solid	5030C	
885-22467-6	BH03@5'	Total/NA	Solid	5030C	
885-22467-7	BH03@25'	Total/NA	Solid	5030C	
885-22467-8	BH04@10'	Total/NA	Solid	5030C	
885-22467-9	BH04@15'	Total/NA	Solid	5030C	
885-22467-10	BH04@25'	Total/NA	Solid	5030C	
MB 885-23613/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-23613/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-23613/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 23700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-1	BH01@20'	Total/NA	Solid	8015M/D	23613
885-22467-2	BH01@25'	Total/NA	Solid	8015M/D	23613
885-22467-3	BH01@30'	Total/NA	Solid	8015M/D	23613
885-22467-4	BH02@15'	Total/NA	Solid	8015M/D	23613
885-22467-5	BH02@25'	Total/NA	Solid	8015M/D	23613
885-22467-6	BH03@5'	Total/NA	Solid	8015M/D	23613
885-22467-7	BH03@25'	Total/NA	Solid	8015M/D	23613
MB 885-23613/1-A	Method Blank	Total/NA	Solid	8015M/D	23613
LCS 885-23613/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	23613

Analysis Batch: 23701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-1	BH01@20'	Total/NA	Solid	8021B	23613
885-22467-2	BH01@25'	Total/NA	Solid	8021B	23613
885-22467-3	BH01@30'	Total/NA	Solid	8021B	23613
885-22467-4	BH02@15'	Total/NA	Solid	8021B	23613
885-22467-5	BH02@25'	Total/NA	Solid	8021B	23613
885-22467-6	BH03@5'	Total/NA	Solid	8021B	23613
885-22467-7	BH03@25'	Total/NA	Solid	8021B	23613
885-22467-8	BH04@10'	Total/NA	Solid	8021B	23613
885-22467-9	BH04@15'	Total/NA	Solid	8021B	23613
885-22467-10	BH04@25'	Total/NA	Solid	8021B	23613
MB 885-23613/1-A	Method Blank	Total/NA	Solid	8021B	23613
LCS 885-23613/3-A	Lab Control Sample	Total/NA	Solid	8021B	23613

Analysis Batch: 23783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-8	BH04@10'	Total/NA	Solid	8015M/D	23613
885-22467-9	BH04@15'	Total/NA	Solid	8015M/D	23613
885-22467-10	BH04@25'	Total/NA	Solid	8015M/D	23613

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 29-6 #74B

Job ID: 885-22467-1

GC Semi VOA

Analysis Batch: 23660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-1	BH01@20'	Total/NA	Solid	8015M/D	23722
885-22467-2	BH01@25'	Total/NA	Solid	8015M/D	23722
885-22467-3	BH01@30'	Total/NA	Solid	8015M/D	23722
885-22467-4	BH02@15'	Total/NA	Solid	8015M/D	23722
885-22467-5	BH02@25'	Total/NA	Solid	8015M/D	23722
885-22467-6	BH03@5'	Total/NA	Solid	8015M/D	23722
885-22467-7	BH03@25'	Total/NA	Solid	8015M/D	23722
885-22467-8	BH04@10'	Total/NA	Solid	8015M/D	23722
885-22467-9	BH04@15'	Total/NA	Solid	8015M/D	23722
MB 885-23722/1-A	Method Blank	Total/NA	Solid	8015M/D	23722
LCS 885-23722/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	23722

Analysis Batch: 23661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-10	BH04@25'	Total/NA	Solid	8015M/D	23726
MB 885-23726/1-A	Method Blank	Total/NA	Solid	8015M/D	23726
LCS 885-23726/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	23726

Prep Batch: 23722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-1	BH01@20'	Total/NA	Solid	SHAKE	
885-22467-2	BH01@25'	Total/NA	Solid	SHAKE	
885-22467-3	BH01@30'	Total/NA	Solid	SHAKE	
885-22467-4	BH02@15'	Total/NA	Solid	SHAKE	
885-22467-5	BH02@25'	Total/NA	Solid	SHAKE	
885-22467-6	BH03@5'	Total/NA	Solid	SHAKE	
885-22467-7	BH03@25'	Total/NA	Solid	SHAKE	
885-22467-8	BH04@10'	Total/NA	Solid	SHAKE	
885-22467-9	BH04@15'	Total/NA	Solid	SHAKE	
MB 885-23722/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-23722/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

Prep Batch: 23726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-10	BH04@25'	Total/NA	Solid	SHAKE	
MB 885-23726/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-23726/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

HPLC/IC

Analysis Batch: 23616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-1	BH01@20'	Total/NA	Solid	300.0	23630
885-22467-2	BH01@25'	Total/NA	Solid	300.0	23630
885-22467-3	BH01@30'	Total/NA	Solid	300.0	23630
885-22467-4	BH02@15'	Total/NA	Solid	300.0	23630
885-22467-5	BH02@25'	Total/NA	Solid	300.0	23630
885-22467-6	BH03@5'	Total/NA	Solid	300.0	23630
885-22467-7	BH03@25'	Total/NA	Solid	300.0	23630
885-22467-8	BH04@10'	Total/NA	Solid	300.0	23630
885-22467-9	BH04@15'	Total/NA	Solid	300.0	23630

QC Association Summary

Client: Hilcorp Energy
Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

HPLC/IC (Continued)

Analysis Batch: 23616 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-10	BH04@25'	Total/NA	Solid	300.0	23630
MB 885-23630/1-A	Method Blank	Total/NA	Solid	300.0	23630
LCS 885-23630/3-A	Lab Control Sample	Total/NA	Solid	300.0	23630
LLCS 885-23630/2-A	Lab Control Sample	Total/NA	Solid	300.0	23630
MRL 885-23616/3	Lab Control Sample	Total/NA	Solid	300.0	
885-22467-1 MS	BH01@20'	Total/NA	Solid	300.0	23630
885-22467-1 MSD	BH01@20'	Total/NA	Solid	300.0	23630
885-22467-2 MS	BH01@25'	Total/NA	Solid	300.0	23630
885-22467-2 MSD	BH01@25'	Total/NA	Solid	300.0	23630

Prep Batch: 23630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22467-1	BH01@20'	Total/NA	Solid	300_Prep	
885-22467-2	BH01@25'	Total/NA	Solid	300_Prep	
885-22467-3	BH01@30'	Total/NA	Solid	300_Prep	
885-22467-4	BH02@15'	Total/NA	Solid	300_Prep	
885-22467-5	BH02@25'	Total/NA	Solid	300_Prep	
885-22467-6	BH03@5'	Total/NA	Solid	300_Prep	
885-22467-7	BH03@25'	Total/NA	Solid	300_Prep	
885-22467-8	BH04@10'	Total/NA	Solid	300_Prep	
885-22467-9	BH04@15'	Total/NA	Solid	300_Prep	
885-22467-10	BH04@25'	Total/NA	Solid	300_Prep	
MB 885-23630/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-23630/3-A	Lab Control Sample	Total/NA	Solid	300_Prep	
LLCS 885-23630/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	
885-22467-1 MS	BH01@20'	Total/NA	Solid	300_Prep	
885-22467-1 MSD	BH01@20'	Total/NA	Solid	300_Prep	
885-22467-2 MS	BH01@25'	Total/NA	Solid	300_Prep	
885-22467-2 MSD	BH01@25'	Total/NA	Solid	300_Prep	

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

Client Sample ID: BH01@20'
Lab Sample ID: 885-22467-1
Date Collected: 04/01/25 09:40
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23700	AT	EET ALB	04/04/25 18:38
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 18:38
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/04/25 22:51
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 18:26

Client Sample ID: BH01@25'
Lab Sample ID: 885-22467-2
Date Collected: 04/01/25 09:50
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23700	AT	EET ALB	04/04/25 19:22
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 19:22
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/04/25 23:02
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 19:18

Client Sample ID: BH01@30'
Lab Sample ID: 885-22467-3
Date Collected: 04/01/25 10:15
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23700	AT	EET ALB	04/04/25 19:43
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 19:43
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/04/25 23:14
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 19:49

Client Sample ID: BH02@15'
Lab Sample ID: 885-22467-4
Date Collected: 04/01/25 10:40
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23700	AT	EET ALB	04/04/25 20:05

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

Client Sample ID: BH02@15'
Lab Sample ID: 885-22467-4
Date Collected: 04/01/25 10:40
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 20:05
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/04/25 23:25
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 20:00

Client Sample ID: BH02@25'
Lab Sample ID: 885-22467-5
Date Collected: 04/01/25 11:00
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23700	AT	EET ALB	04/04/25 20:27
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 20:27
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/04/25 23:37
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 20:10

Client Sample ID: BH03@5'
Lab Sample ID: 885-22467-6
Date Collected: 04/01/25 11:15
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23700	AT	EET ALB	04/04/25 20:49
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 20:49
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/04/25 23:49
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 20:20

Client Sample ID: BH03@25'
Lab Sample ID: 885-22467-7
Date Collected: 04/01/25 11:45
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23700	AT	EET ALB	04/04/25 21:11
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 21:11

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

Client Sample ID: BH03@25'
Lab Sample ID: 885-22467-7
Date Collected: 04/01/25 11:45
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/05/25 00:00
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 20:31

Client Sample ID: BH04@10'
Lab Sample ID: 885-22467-8
Date Collected: 04/01/25 12:20
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23783	AT	EET ALB	04/07/25 12:44
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 21:33
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/05/25 00:12
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 20:41

Client Sample ID: BH04@15'
Lab Sample ID: 885-22467-9
Date Collected: 04/01/25 12:36
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23783	AT	EET ALB	04/07/25 13:05
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 21:55
Total/NA	Prep	SHAKE			23722	MI	EET ALB	04/04/25 13:27
Total/NA	Analysis	8015M/D		1	23660	MI	EET ALB	04/05/25 00:24
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 20:51

Client Sample ID: BH04@25'
Lab Sample ID: 885-22467-10
Date Collected: 04/01/25 13:00
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8015M/D		1	23783	AT	EET ALB	04/07/25 13:27
Total/NA	Prep	5030C			23613	AT	EET ALB	04/03/25 10:16
Total/NA	Analysis	8021B		1	23701	AT	EET ALB	04/04/25 22:17
Total/NA	Prep	SHAKE			23726	MI	EET ALB	04/04/25 13:58
Total/NA	Analysis	8015M/D		1	23661	MI	EET ALB	04/04/25 22:52

Lab Chronicle

Client: Hilcorp Energy
Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

Client Sample ID: BH04@25'
Lab Sample ID: 885-22467-10
Date Collected: 04/01/25 13:00
Matrix: Solid
Date Received: 04/02/25 07:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	300_Prep			23630	DL	EET ALB	04/03/25 13:20
Total/NA	Analysis	300.0		20	23616	RC	EET ALB	04/03/25 21:22

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: Hilcorp Energy
Job ID: 885-22467-1
Project/Site: San Juan 29-6 #74B

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	02-27-26

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

Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5030C	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	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	02-26-26

Chain-of-Custody Record

Client: Hilcorp Energy Company

Mailing Address:

Phone #: 816-266-8732

email or Fax#: KKaufman@hilcorp.Com

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

Accreditation: ☐ Az Compliance ☐ NELAC ☐ Other

☒ EDD (Type) Excel

Turn-Around Time: 5-Day ☒ Standard ☐ Rush

Project Name: San Juan 29-6 #74B

Project #:

Project Manager: Wes Weichert WWeichert@Ensolum.com

Sampler: WWeichert

On Ice: ☒ Yes ☐ No

# of Coolers: 1

Cooler Temp (including CF): 4.3+0.2=4.5 (°C)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107
885-22467 COC

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, NO3, NO2, PO4, SO4~~	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
4-1-25	9:40	Soil	BH01@20'	4oz glass	None		X	X					X			
↓	9:50	↓	BH01@25'	↓	↓		↓	↓					↓			
	10:15		BH01@30'													
	10:40		BH02@15'													
	11:00		BH02@25'													
	11:15		BH03@5'													
	11:45		BH03@25'													
	12:20		BH04@10'													
	12:30		BH04@15'													
↓	13:00	↓	BH04@25'	↓	↓		↓	↓					↓			

WW 4-1

Date	Time	Relinquished by	Received by	Via	Date	Time
4-1-25	15:23	Wm Weichert	[signature]		4/1/25	1523
4/1/25	1815	[signature]	[signature]	Courier	4/2/25	7:10

Remarks: CC Stuart Hyde Shyde@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.

Login Sample Receipt Checklist

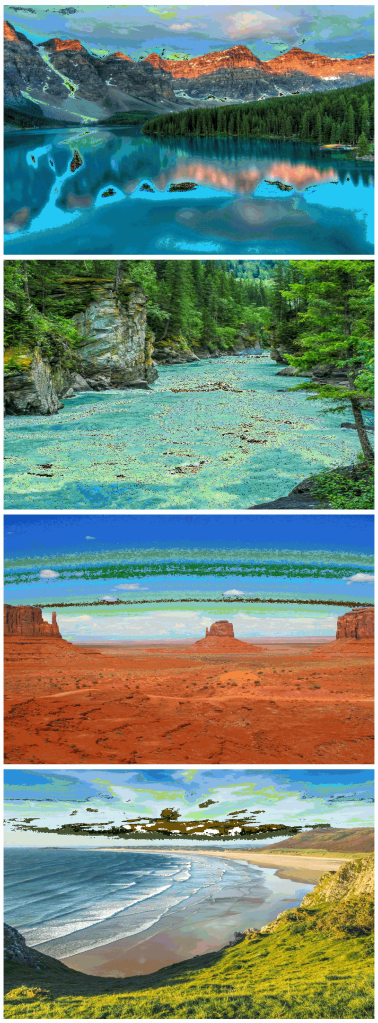
Client: Hilcorp Energy Job Number: 885-22467-1

Login Number: 22467 **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.	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").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	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:	SJ 29-6 #74B
Work Order:	E512001
Job Number:	17051-0002
Received:	12/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/8/25

Date Reported: 12/8/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: SJ 29-6 #74B
Workorder: E512001
Date Received: 12/1/2025 2:40:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/1/2025 2:40:00PM, under the Project Name: SJ 29-6 #74B.

The analytical test results summarized in this report with the Project Name: SJ 29-6 #74B 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/08/25 09:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01	E512001-01A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS02	E512001-02A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS03	E512001-03A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS04	E512001-04A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS05	E512001-05A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS06	E512001-06A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS07	E512001-07A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS08	E512001-08A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS09	E512001-09A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS10	E512001-10A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS11	E512001-11A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS12	E512001-12A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS13	E512001-13A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS14	E512001-14A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS15	E512001-15A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
FS16	E512001-16A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW01	E512001-17A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW02	E512001-18A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW03	E512001-19A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW04	E512001-20A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW05	E512001-21A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW06	E512001-22A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW07	E512001-23A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW08	E512001-24A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW09	E512001-25A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW10	E512001-26A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW11	E512001-27A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW12	E512001-28A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SW13	E512001-29A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SS01	E512001-30A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SS02	E512001-31A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SS03	E512001-32A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SS04	E512001-33A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.
SS05	E512001-34A	Soil	12/01/25	12/01/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS01

E512001-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS02

E512001-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS03

E512001-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.7 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS04

E512001-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*109 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	40.0	2	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS05

E512001-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS06

E512001-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.8 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS07

E512001-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	**45.3**	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS08

E512001-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.5 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	**50.6**	40.0	2	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS09

E512001-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.3 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS10

E512001-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS11

E512001-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS12

E512001-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.6 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	**38.7**	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS13

E512001-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.0 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS14

E512001-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.4 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/02/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*12/02/25*	*12/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS15

E512001-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/03/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*12/02/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

FS16

E512001-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/03/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*12/02/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW01

E512001-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.6 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/03/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*12/02/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW02

E512001-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.4 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/03/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*12/02/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW03

E512001-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.7 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/03/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*12/02/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW04

E512001-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Benzene	ND	0.0250	1	12/02/25	12/04/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/04/25	
Toluene	ND	0.0250	1	12/02/25	12/04/25	
o-Xylene	ND	0.0250	1	12/02/25	12/04/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/04/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/04/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/04/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2549038
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/04/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*12/02/25*	*12/04/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2549035
Diesel Range Organics (C10-C28)	ND	25.0	1	12/02/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/02/25	12/03/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*12/02/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2549044
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW05

E512001-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*98.0 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	ND	20.0	1	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW06

E512001-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	ND	100	5	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW07

E512001-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*95.6 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**128**	40.0	2	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW08

E512001-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*110 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**365**	40.0	2	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW09

E512001-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**1240**	20.0	1	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW10

E512001-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**69.0**	20.0	1	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW11

E512001-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*113 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**40.6**	20.0	1	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW12

E512001-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/02/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/02/25	
Toluene	ND	0.0250	1	12/02/25	12/02/25	
o-Xylene	ND	0.0250	1	12/02/25	12/02/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/02/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*12/02/25*	*12/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	ND	20.0	1	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SW13

E512001-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*111 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	ND	20.0	1	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SS01

E512001-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	**0.0566**	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	**0.0566**	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*111 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*116 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**73.0**	20.0	1	12/02/25	12/02/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SS02

E512001-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*115 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**54.1**	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SS03

E512001-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*108 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SS04

E512001-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*113 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	ND	20.0	1	12/02/25	12/03/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

SS05

E512001-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Benzene	ND	0.0250	1	12/02/25	12/03/25	
Ethylbenzene	ND	0.0250	1	12/02/25	12/03/25	
Toluene	ND	0.0250	1	12/02/25	12/03/25	
o-Xylene	ND	0.0250	1	12/02/25	12/03/25	
p,m-Xylene	ND	0.0500	1	12/02/25	12/03/25	
Total Xylenes	ND	0.0250	1	12/02/25	12/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2549037
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/02/25	12/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*112 %*	*70-130*	*12/02/25*	*12/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2549058
Diesel Range Organics (C10-C28)	ND	25.0	1	12/03/25	12/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/03/25	12/03/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*12/03/25*	*12/03/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2549045
Chloride	**77.1**	20.0	1	12/02/25	12/03/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

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 (2549037-BLK1)									Prepared: 12/02/25 Analyzed: 12/02/25
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	*8.62*		*8.00*		*108*	*70-130*			
LCS (2549037-BS1)									Prepared: 12/02/25 Analyzed: 12/02/25
Benzene	4.05	0.0250	5.00		81.0	70-130			
Ethylbenzene	3.89	0.0250	5.00		77.7	70-130			
Toluene	4.03	0.0250	5.00		80.7	70-130			
o-Xylene	4.07	0.0250	5.00		81.5	70-130			
p,m-Xylene	8.01	0.0500	10.0		80.1	70-130			
Total Xylenes	12.1	0.0250	15.0		80.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.62*		*8.00*		*108*	*70-130*			
Matrix Spike (2549037-MS1)				**Source: E512001-28**					Prepared: 12/02/25 Analyzed: 12/02/25
Benzene	4.64	0.0250	5.00	ND	92.7	70-130			
Ethylbenzene	4.46	0.0250	5.00	ND	89.2	70-130			
Toluene	4.61	0.0250	5.00	ND	92.2	70-130			
o-Xylene	4.54	0.0250	5.00	ND	90.7	70-130			
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.72*		*8.00*		*109*	*70-130*			
Matrix Spike Dup (2549037-MSD1)				**Source: E512001-28**					Prepared: 12/02/25 Analyzed: 12/02/25
Benzene	4.90	0.0250	5.00	ND	98.1	70-130	5.60	27	
Ethylbenzene	4.72	0.0250	5.00	ND	94.5	70-130	5.77	26	
Toluene	4.88	0.0250	5.00	ND	97.6	70-130	5.74	20	
o-Xylene	4.79	0.0250	5.00	ND	95.8	70-130	5.42	25	
p,m-Xylene	9.66	0.0500	10.0	ND	96.6	70-130	5.58	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.4	70-130	5.53	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.61*		*8.00*		*108*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2549038-BLK1)									Prepared: 12/02/25 Analyzed: 12/03/25
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	*8.40*		*8.00*		*105*	*70-130*			
LCS (2549038-BS1)									Prepared: 12/02/25 Analyzed: 12/03/25
Benzene	4.09	0.0250	5.00		81.8	70-130			
Ethylbenzene	3.90	0.0250	5.00		78.1	70-130			
Toluene	4.01	0.0250	5.00		80.3	70-130			
o-Xylene	4.03	0.0250	5.00		80.7	70-130			
p,m-Xylene	8.04	0.0500	10.0		80.4	70-130			
Total Xylenes	12.1	0.0250	15.0		80.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.36*		*8.00*		*104*	*70-130*			
Matrix Spike (2549038-MS1)				**Source: E512001-06**					Prepared: 12/02/25 Analyzed: 12/03/25
Benzene	4.53	0.0250	5.00	ND	90.5	70-130			
Ethylbenzene	4.33	0.0250	5.00	ND	86.7	70-130			
Toluene	4.45	0.0250	5.00	ND	89.0	70-130			
o-Xylene	4.45	0.0250	5.00	ND	89.0	70-130			
p,m-Xylene	8.89	0.0500	10.0	ND	88.9	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.44*		*8.00*		*106*	*70-130*			
Matrix Spike Dup (2549038-MSD1)				**Source: E512001-06**					Prepared: 12/02/25 Analyzed: 12/03/25
Benzene	5.02	0.0250	5.00	ND	100	70-130	10.2	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.1	70-130	10.3	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	9.96	20	
o-Xylene	4.87	0.0250	5.00	ND	97.4	70-130	8.97	25	
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	70-130	9.94	23	
Total Xylenes	14.7	0.0250	15.0	ND	97.9	70-130	9.62	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.38*		*8.00*		*105*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

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 (2549037-BLK1)									Prepared: 12/02/25 Analyzed: 12/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.98*		*8.00*		*112*	*70-130*			
LCS (2549037-BS2)									Prepared: 12/02/25 Analyzed: 12/02/25
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0		96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.89*		*8.00*		*111*	*70-130*			
Matrix Spike (2549037-MS2)				**Source: E512001-28**					Prepared: 12/02/25 Analyzed: 12/02/25
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.57*		*8.00*		*107*	*70-130*			
Matrix Spike Dup (2549037-MSD2)				**Source: E512001-28**					Prepared: 12/02/25 Analyzed: 12/02/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.8	70-130	1.08	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.82*		*8.00*		*110*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2549038-BLK1)									Prepared: 12/02/25 Analyzed: 12/03/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.01*		*8.00*		*87.7*	*70-130*			
LCS (2549038-BS2)									Prepared: 12/02/25 Analyzed: 12/03/25
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.03*		*8.00*		*87.8*	*70-130*			
Matrix Spike (2549038-MS2)				**Source: E512001-06**					Prepared: 12/02/25 Analyzed: 12/03/25
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.99*		*8.00*		*87.4*	*70-130*			
Matrix Spike Dup (2549038-MSD2)				**Source: E512001-06**					Prepared: 12/02/25 Analyzed: 12/03/25
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.6	70-130	11.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.05*		*8.00*		*88.1*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

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 (2549035-BLK1)									Prepared: 12/02/25 Analyzed: 12/02/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.9*		*50.0*		*97.7*	*61-141*			
LCS (2549035-BS1)									Prepared: 12/02/25 Analyzed: 12/02/25
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.2*	*61-141*			
Matrix Spike (2549035-MS1)				**Source: E512001-02**					Prepared: 12/02/25 Analyzed: 12/02/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	*53.4*		*50.0*		*107*	*61-141*			
Matrix Spike Dup (2549035-MSD1)				**Source: E512001-02**					Prepared: 12/02/25 Analyzed: 12/02/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156	0.0155	20	
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2549058-BLK1)									Prepared: 12/03/25 Analyzed: 12/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.3*		*50.0*		*92.6*	*61-141*			
LCS (2549058-BS1)									Prepared: 12/03/25 Analyzed: 12/03/25
Diesel Range Organics (C10-C28)	244	25.0	250		97.6	66-144			
Surrogate: n-Nonane	*45.2*		*50.0*		*90.4*	*61-141*			
Matrix Spike (2549058-MS1)				**Source: E512001-23RE1**					Prepared: 12/03/25 Analyzed: 12/03/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	*47.5*		*50.0*		*94.9*	*61-141*			
Matrix Spike Dup (2549058-MSD1)				**Source: E512001-23RE1**					Prepared: 12/03/25 Analyzed: 12/03/25
Diesel Range Organics (C10-C28)	259	25.0	250	ND	103	56-156	1.17	20	
Surrogate: n-Nonane	*48.4*		*50.0*		*96.8*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

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 (2549044-BLK1)									Prepared: 12/02/25 Analyzed: 12/03/25
Chloride	ND	20.0							
LCS (2549044-BS1)									Prepared: 12/02/25 Analyzed: 12/03/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2549044-MS1)				**Source: E512001-05**					Prepared: 12/02/25 Analyzed: 12/03/25
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2549044-MSD1)				**Source: E512001-05**					Prepared: 12/02/25 Analyzed: 12/03/25
Chloride	254	20.0	250	ND	102	80-120	0.565	20	

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 29-6 #74B	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/8/2025 9:57:11AM

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 (2549045-BLK1)									Prepared: 12/02/25 Analyzed: 12/02/25
Chloride	ND	20.0							
LCS (2549045-BS1)									Prepared: 12/02/25 Analyzed: 12/02/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2549045-MS1)				**Source: E512006-03**					Prepared: 12/02/25 Analyzed: 12/02/25
Chloride	471	20.0	250	208	105	80-120			
Matrix Spike Dup (2549045-MSD1)				**Source: E512006-03**					Prepared: 12/02/25 Analyzed: 12/02/25
Chloride	467	20.0	250	208	104	80-120	0.917	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:	SJ 29-6 #74B	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	12/08/25 09:57

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# E512001	1D 2D 3D Std ✓	NM CO UT TX
Project Name: SJ 29-6 # 74B	Address:	Job Number 17051.0002		
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
0945	12/1/25	Soil	1	FS01		1	✓	✓	✓		✓							4.8	
0947				FS02		2												4.6	
0949				FS03		3												4.6	
0950				FS04		4												5.2	
0956				FS05		5												5.0	
0958				FS06		6												4.4	
1000				FS07		7												4.6	
1003				FS08		8												4.5	
1040				FS09		9												4.0	
1043				FS10		10												4.2	

Additional Instructions: cc: Shyde@ensolum.com, Wweichert@ensolum.com, MPollock@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: Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michael Pollock	12/1/25	1440	Caitlin Mann	12.1.25	1440

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:	Company:	Lab WO# E512001	1D 2D 3D Std	NM ✓ CO UT TX
Project Name: See Page	Address:	Job Number 17051.0002		
Project Manager:	City, State, Zip:			
Address:	Phone:			
City, State, Zip: 1	Email:			
Phone:	Miscellaneous:			
Email:				

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
1046	12/1/25	Soil	1	FS11		11	X	X	X		X							5.0	
1050				FS12		12												5.2	
1054				FS13		13												5.0	
1056				FS14		14												5.0	
1059				FS15		15												4.9	
1102				FS16		16												4.7	
1140				SW01		17												4.6	
1142				SW02		18												5.2	
1143				SW03		19												5.1	
1148				SW04		20												4.8	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: See Page 1

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: Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michael Pollock	12/1/25	1440	Caitlin Mar	12.1.25	1440

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:	Company:	Lab WO# E512001	1D 2D 3D Std ✓	NM ✓ CO UT TX
Project Name:	Address:	Job Number 17051.0002		
Project Manager: See Page	City, State, Zip:			
Address:	Phone:			
City, State, Zip: 1	Email:			
Phone:	Miscellaneous:			
Email:				

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	
1150	12/1/25	Soil	1	SW05		21	X	X	X		X						4.6		
1153				SW06		22											5.0		
1155				SW07		23											4.7		
1206				SW08		24											4.5		
1209				SW09		25											4.8		
1212				SW10		26											4.8		
1215				SW11		27											4.0		
1218				SW12		28											4.2		
1221				SW13		29											3.8		

Additional Instructions: See Page 1

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: Michael Pollock Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michael Pollock	12/1/25	1440	Caitlin Mars	12.1.25	1440

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: Seepage 1	Company:	Lab WO# E512001	1D 2D 3D Std	NM ✓ CO UT TX
Project Name:	Address:	Job Number 17051.0002		
Project Manager:	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email:				

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	[redacted]	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1220	12/1/25	Soil	1	SS01		30	X	X	X	X	X							4.0	
1224	"	"	"	SS02		31	"	"	"		"							4.4	
1228	"	"	"	SS03		32	"	"	"		"							4.2	
1232	"	"	"	SS04		33	"	"	"		"							4.6	
1235	"	"	"	SS05		34	"	"	"		"							4.2	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Seepage 1

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: Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Michael Pollock	12/1/25	1440	Caitlin Mars	12.1.25	1440

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: 12/1/2025 2:46:47PM

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:	12/01/25 14:40	Work Order ID:	E512001
Phone:	505-599-3400	Date Logged In:	12/01/25 14:44	Logged In By:	Caitlin Mars
Email:	kkaufman@hilcorp.com	Due Date:	12/08/25 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: M Pollock
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.

ENSOLUM

APPENDIX C

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
San Juan 29-6 Unit #074B
Rio Arriba County, New Mexico

Photograph: 1 Date: 01/07/2025
Description: Soil Staining and Oil in Release Footprint

View: Northwest

Photograph: 2 Date: 02/26/2025
Description: Backhoe Pothole Delineation Activities, PH01

View: North

Photograph: 3 Date: 02/26/2025
Description: Backhoe Pothole Delineation Activities, PH03

View: East

Photograph: 4 Date: 04/01/2025
Description: Delineation Drilling

View: Northwest

ENSOLUM

Photographic Log
Hilcorp Energy Company
San Juan 29-6 Unit #074B
Rio Arriba County, New Mexico

Photograph: 5 Date: 10/23/2025
Description: Initial Excavation Activities

View: West

Photograph: 6 Date: 10/23/2025
Description: Initial Excavation Activities

View: East

Photograph: 7 Date: 10/27/2025
Description: Continued Excavation Activities

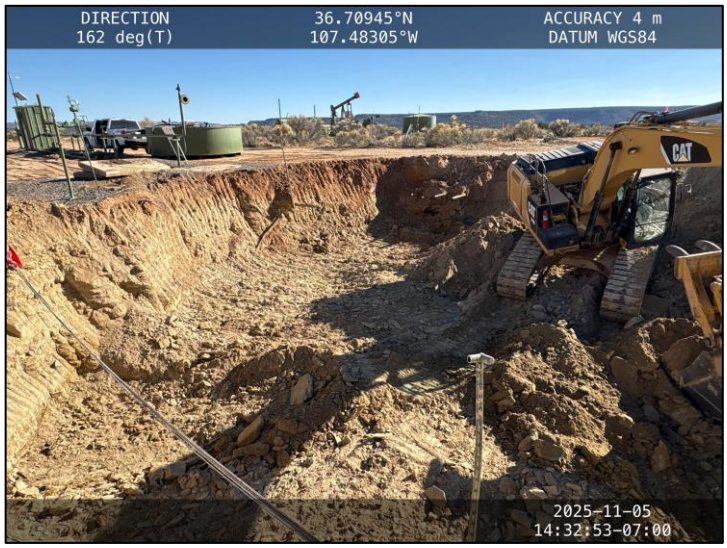
View: Southwest

Photograph: 8 Date: 10/31/2025
Description: Continued Excavation Activities

View: South

ENSOLUM

Photographic Log
Hilcorp Energy Company
San Juan 29-6 Unit #074B
Rio Arriba County, New Mexico



Photograph: 9 Date: 11/05/2025
Description: Continued Excavation Activities, Separators and BGTs Removed
View: South

Photograph: 10 Date: 12/01/2025
Description: Final Excavation Extent
View: South

Photograph: 11 Date: 12/01/2025
Description: Final Excavation Extent
View: North

Photograph: 12 Date: 12/01/2025
Description: Final Excavation Extent
View: East

ENSOLUM

APPENDIX D

Borehole Logs

ENSOLUM

Client: HEC
Project Name: SJ 29-6 # 74B
Project Location: Rio Arriba, NM
Project Manager: S Hyde

BORING LOG NUMBER: BH-01
Project No.:

Date Sampled: 4-1-2025
Drilled By: Rodney Begay
Driller: Enviro-Drill
Logged By: Wes Weichert

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

Borehole Diameter: 6"
Casing Diameter: NA
Well Materials: NA
Surface Completion: NA
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	RECOVERY (%)	FID/PID READING (PPM)	POTENTIOMETRIC SURFACE	GEOLOGIC LOG SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
0–5	X	50%	3,800	1-0-0	SM	SILTY SAND- light brown, Fine, w/ Some medium + Silt, Well Sorted / Poorly graded, Unconsolidated + loose Petro Odor	None
9:19 — 6–10	X	25%	2,165	50+ Blows	SM	SILTY SAND - As above, tan color increasing Clay Fraction 50+ Blows - Bedrock? * Slow Drilling	
9:31 — 11–15	X	50%	3,165	50+ Blows	ML	SILTSTONE - Brown w/ White Caliche, Firm to hard but friable, Fissle Moderate Petro Odor.	
9:41 — 16–20	X	60%	3381	50+ Blow	SM	SILTY SANDSTONE - light brown to tan w/ Cream Calchie, Very Fine to Fine, Well Sorted, Firm but friable Calichie + gravel fragment light Petro odor	
9:47 — 21–25	X		3374		SP	Increasing grain size to Coarse.	

ENSOLUM

Client: Hilcorp
Project Name: San Jaun 30-6 #31A
Project Location:
Project Manager: Stuart Hyde

BORING LOG NUMBER: B101
Project No.:

Date Sampled:
Drilled By:
Driller:
Logged By:

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

Borehole Diameter:
Casing Diameter:
Well Materials:
Surface Completion:
Boring Method:

DEPTH (FEET)	SAMPLE INTERVAL	RECOVERY (%)	FID/PID READING (PPM)	POTENTIOMETRIC SURFACE	GEOLOGIC LOG SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25–30	10:13		317	50+	SP	POORLY GRADED SANDSTONE - tan to orange, Medium w/ some Coarse, Well Sorted, Poorly graded, FeO_2 Stain, Dry No Petro odor TD @ 30 ft bgs	

ENSOLUM

Client: HEC
Project Name: SJ 29-6 #74B
Project Location: Rio Arriba, NM
Project Manager: S Hyde

BORING LOG NUMBER: BH02
Project No.:

Date Sampled: 4-1-2025
Drilled By: Enviro-Drill
Driller: Rodney Began
Logged By: Wes Weichert

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

Borehole Diameter: 6"
Casing Diameter: NA
Well Materials: NA
Surface Completion: NA
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	RECOVERY (%)	FID/PID READING (PPM)	POTENTIOMETRIC SURFACE	GEOLOGIC LOG SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
0–5	10:28	30%	2.8	50+	SM	SILTY SAND - light brown, Very Fine to fine; Well sorted, trace Caliche, Dry no odor	None
5–10	10:36	70%	2.1	50+	SP	Poorly Graded SAND light brown to buff, Fine to Medium w/ some Coarse, Well sorted Firm but friable, Dry no Petro odor.	
10–15	10:41	10%	1.7	50+	SP	AS Above Poor recovery	
15–20	10:49	40%	1.4	50+	SP	POORLY GRADED SAND light brown w/ black organics, Medium w/ some fine + silt, Well Sorted, Firm but friable, Dry, no odor	
20–25	10:56	50%	1.1			AS Above No Odor.	

TD @ 25 ft bgs

ENSOLUM

Client: HEC
Project Name: SJ 29-6 # 74B
Project Location: Rio Arriba, NM
Project Manager: S. Hyde

BORING LOG NUMBER BH03
Project No.:

Date Sampled: 4-1-2025
Drilled By: Enviro-Drill
Driller: Rodney Begay
Logged By: Wes Weichert

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

Borehole Diameter: 6"
Casing Diameter: NA
Well Materials: NA
Surface Completion: NA
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	RECOVERY (%)	FID/PID READING (PPM)	POTENTIOMETRIC SURFACE	GEOLOGIC LOG SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
0–8						SILTY SAND - light brown, w/ black specks Fine to medium w/ silt, Well graded, Firm but Friable, Dry, No odor	None
11:17 — 4–5	X	30%	1.6	50+	SM		
9–13							
11:22 — 9–10	X	50%	0.9	50+	SP	POORLY GRADED SANDSTONE - light brown to buff, Medium w/ some fine Well graded, Firm & Friable, Dry, No odor.	
11:29 — 14–15	X	50%	0.6	50+	SM	SILTY SANDSTONE light brown to buff w/ Cream caliche, Very fine to fine, Well sorted, firm but friable, Some medium Dry, No odor.	
16–18							
11:37 — 19–20	X	40%	0.4	50+	SM	As Above	
21–22						* Rig Chatter	
11:45 — 23–24	X	50%	0.0	50+	SP	SILTY SANDSTONE - buff to tan, Fine to medium w/ silty, hard friable fissle, No odor.	
25							

TD @ 25 ft bgs

ENSOLUM

Client: HEC
Project Name: SJ 29-6 #74B
Project Location: Rio Arriba
Project Manager: S Hyde

BORING LOG NUMBER: BH04
Project No.:

Date Sampled: 4-1-2025
Drilled By: Enviro-Drill
Driller: Rodney Begay
Logged By: Wes Weichert

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

Borehole Diameter: 6"
Casing Diameter: NA
Well Materials: NA
Surface Completion: NA
Boring Method: HSA

DEPTH (FEET)	SAMPLE INTERVAL	RECOVERY (%)	FID/PID READING (PPM)	POTENTIOMETRIC SURFACE	GEOLOGIC LOG SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
0–5	12:16	70%	1.2	20-25	SP	POORLY GRADED SAND - light brown to tan, Medium, Very well sorted, Soft + Unconsolidated, Dry No odor.	None
6–10	12:22	50%	7.6	50+	SM	SILTY SAND - light brown w/ Black Specks. Fine to medium w/ Silt + Clay, Well Sorted, Firm, trace Organics, Dry No odor	
11–15	12:28	50%	13.9	50+	SM	As Above, Minor Petro Odor.	
16–18					ML	SILT - Brown, Firm, to hard, Semi-consolidated Dry. Slight odor	
19–20	12:38	30%	3.8	50+	SP	POORLY GRADED SANDSTONE - light brown, Medium to Coarse Friable, Semi-consolidated, Dry. No odor.	
21–25		30%	1.2	50+			

TD @ 25 ft bgs

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

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 538753
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2500832642**
Incident Name	**NAPP2500832642 SAN JUAN 29-6 UNIT 74B @ 30-039-29923**
Incident Type	**Oil Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-039-29923] SAN JUAN 29 6 UNIT #074B**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	San Juan 29-6 Unit 74B
Date Release Discovered	01/07/2025
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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: Corrosion | Production Tank | Produced Water | Released: 20 BBL | Recovered: 4 BBL | Lost: 16 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion | Production Tank | Condensate | Released: 33 BBL | Recovered: 16 BBL | Lost: 17 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.*

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 (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 538753
	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: 12/30/2025

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Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 538753
	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 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (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 1000 (ft.) and ½ (mi.)
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)	440
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	8300
GRO+DRO (EPA SW-846 Method 8015M)	8300
BTEX (EPA SW-846 Method 8021B or 8260B)	759
Benzene (EPA SW-846 Method 8021B or 8260B)	7.3
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	02/12/2025
On what date will (or did) the final sampling or liner inspection occur	04/01/2025
On what date will (or was) the remediation complete(d)	04/01/2025
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	1000
What is the estimated volume (in cubic yards) that will be remediated	450
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)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 538753
	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	fSC00000000048 ENVIROTECH
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	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: 12/30/2025
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)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 538753
	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)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 538753
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**529259**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**12/01/2025**
What was the (estimated) number of samples that were to be gathered	**25**
What was the sampling surface area in square feet	**5000**

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	3160
What was the total volume (cubic yards) remediated	1750
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)	Excavation and sampling activities were conducted at the Site to address the release discovered on January 7, 2025. Laboratory analytical results for the excavation confirmation soil samples collected from the final excavation extent indicated all COC concentrations were compliant with the Site Closure Criteria, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater.

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 12/30/2025

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 538753
	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:	OGRID:
HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	372171
	Action Number: 538753
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2500832642 San Juan 29-6 Unit 74B, thank you. This Remediation Closure Report is approved.	1/12/2026