



March 4, 2026

New Mexico Oil Conservation Division

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

Re: Remediation Report and Closure Request

San Juan 28-7 Unit 230M
Hilcorp Energy Company
NMOCD Incident No: nAPP2516149472

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 28-7 Unit 230M natural gas production well (Site). The Site is located on Bureau of Land Management (BLM) land in Unit J, Section 29, Township 28 North, Range 07 West, Rio Arriba County, New Mexico (Figure 1). This report describes the excavation and confirmation soil sampling activities performed at the Site to remediate impacted soil originating from the release.

SITE BACKGROUND

On June 10, 2025, Hilcorp personnel discovered a release of approximately 72 barrels (bbls) of condensate and 31.5 bbls of produced water at the Site. The release was identified during a routine Audio, Visual, and Olfactory (AVO) inspection, when a Hilcorp operator detected the odor of condensate and observed wet conditions adjacent to the base of a 400-bbl condensate aboveground storage tank (AST). Subsequent inspection identified a pinhole leak near the manway weld on the floor of the AST, which had developed due to corrosion.

Upon discovery, the remaining product within the AST was promptly transferred to a suitable location and the tank was removed from service. Released fluids were contained within the secondary containment system and impacted gravel and underlying soil adjacent to the tank; however, no free liquids were recovered. The AST was subsequently repaired and returned to service.

Hilcorp submitted a Notification of Release to the New Mexico Oil Conservation Division (NMOCD) on June 10, 2025, and the Site was assigned Incident Number nAPP2516149472.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As presented in the September 3, 2025 *Remediation Work Plan*, the following Closure Criteria for constituents of concern (COCs) have been applied to the Site:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH) as a combination of gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 2,500 mg/kg
- GRO+DRO: 1,000 mg/kg
- Chloride: 10,000 mg/kg

DELINEATION AND SOIL SAMPLING ACTIVITIES

Upon discovery of the release, Hilcorp retained Ensolum to conduct delineation activities on June 30, 2025. Prior to mobilization, a notification of sampling activities was submitted to the NMOCD; a copy is included in Appendix A. A total of nine potholes (PH01 through PH09) were advanced to depths of up to 10.5 feet below ground surface (bgs) (Figure 2). Pothole PH01 was completed immediately adjacent to the condensate AST, the source of the release, to evaluate soil with the highest potential for impacts. Subsequent potholes (PH02 through PH09) were advanced to delineate the lateral and vertical extent of impacts based on observations from PH01 and each proceeding location.

During field activities, Ensolum personnel logged soil lithology and screened for volatile organic compounds (VOCs) using a calibrated photoionization detector (PID). Soil descriptions and PID results were recorded in the field book, with representative photographs included in Appendix B. A summary of PID screening results is provided in Table 1.

To characterize potential vertical impacts, two to three soil samples were collected from each pothole. One sample was collected from the surface, a second from the terminus, and, where warranted, a third from the depth interval exhibiting the greatest observable contamination and/or PID field screening reading. Soil samples were placed directly into laboratory-provided containers, preserved on ice, and submitted under strict chain of custody protocol to Envirotech, Inc. for laboratory 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.

Site lithology generally consisted of sand and silty sand from ground surface to approximately 2 feet bgs, underlain by clay and silt to the terminal depth of each pothole. Laboratory analytical results indicated BTEX and TPH concentrations exceeding NMOCD Closure Criteria were present in one surface soil sample collected from pothole PH01. All other soil samples analyzed were either below the respective laboratory reporting limits for BTEX, TPH, and chloride or contained concentrations below the applicable Closure Criteria. A summary of analytical results is provided in Table 1 and illustrated in Figure 2, with complete laboratory reports included in Appendix C.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the delineation sampling results described above, Hilcorp proposed remediation via excavation and off-site soil disposal at the Envirotech Landfarm in San Juan County, New Mexico, as approved by the NMOCD in the September 3, 2025, *Remediation Work Plan*. Excavation activities were completed on January 22, 2026. The NMOCD was notified at least two business days prior to the initiation of remediation and confirmation sampling activities, with correspondence included in Appendix A.

Remediation activities were conducted in accordance with the applicable BLM Conditions of Approval (COAs), including maintaining all excavation and sampling activities within the existing disturbed well pad footprint and avoiding any new surface disturbance outside the approved area. In accordance with these COAs, Ensolum personnel advanced hand-auger borings (HA01 through HA03) along the northern and eastern margins of the excavation to confirm the lateral extent of impacts (Figure 2). Soil samples collected from these hand-auger borings between ground surface and 4 feet bgs were compliant with the applicable BLM reclamation standard, demonstrating delineation of impacts to the north and east (Table 1). All work remained within previously disturbed areas, and no additional cultural or biological resource impacts were identified during excavation activities. The BLM COAs are included in Appendix A.

During excavation, Ensolum personnel utilized a calibrated PID to field-screen soils for VOCs to guide the excavation. Excavation proceeded until PID readings and visual observations indicated impacted soil had been removed.

Following completion of excavation activities, confirmation soil samples were collected from the excavation floor (FS01 through FS08) and sidewalls (SW01 through SW06) at a frequency of one sample per 200 square feet. Floor samples were collected at depths ranging from approximately 2 feet to 4 feet bgs, while sidewall samples were collected from the ground surface to depths of approximately 2 feet to 4 feet bgs. Confirmation samples were collected as five-point composites by combining equal aliquots from five locations within each sampling area and homogenizing the material in a resealable container prior to laboratory submittal. Excavation confirmation sample locations and the excavation extent are depicted on Figure 3.

All confirmation samples were analyzed by Envirotech for TPH, BTEX, and chloride using the methods described above. Laboratory analyses indicated TPH concentrations in excavation confirmation samples were less than the Closure Criteria, with concentrations ranging from non-detect to 279.3 mg/kg at FS04. BTEX constituents were largely non-detect, with only isolated detections at trace concentrations below the applicable Closure Criteria. Chloride concentrations were all below the Closure Criteria and consistent with background conditions. All analytical results were compliant with NMOCD Table I Closure Criteria. Photographic documentation of excavation and sampling activities is provided in Appendix B. A summary of confirmation soil sample results is provided in Table 1, with complete laboratory analytical reports included in Appendix C.

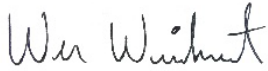
In total, the excavation measured 1,500 square feet with approximately 170 cubic yards of impacted soil excavated and transported to the Envirotech Landfarm in San Juan County, New Mexico, for disposal.

CLOSURE REQUEST

Site excavation and sampling activities were conducted at the Site to address the release discovered on June 10, 2025, at the Site. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria, and 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 nAPP2516149472.

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



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



Stuart Hyde, PG (licensed in WA, WY, & TX)
Senior Managing Geologist
(970) 903-1607
shyde@ensolum.com

Attachments:

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

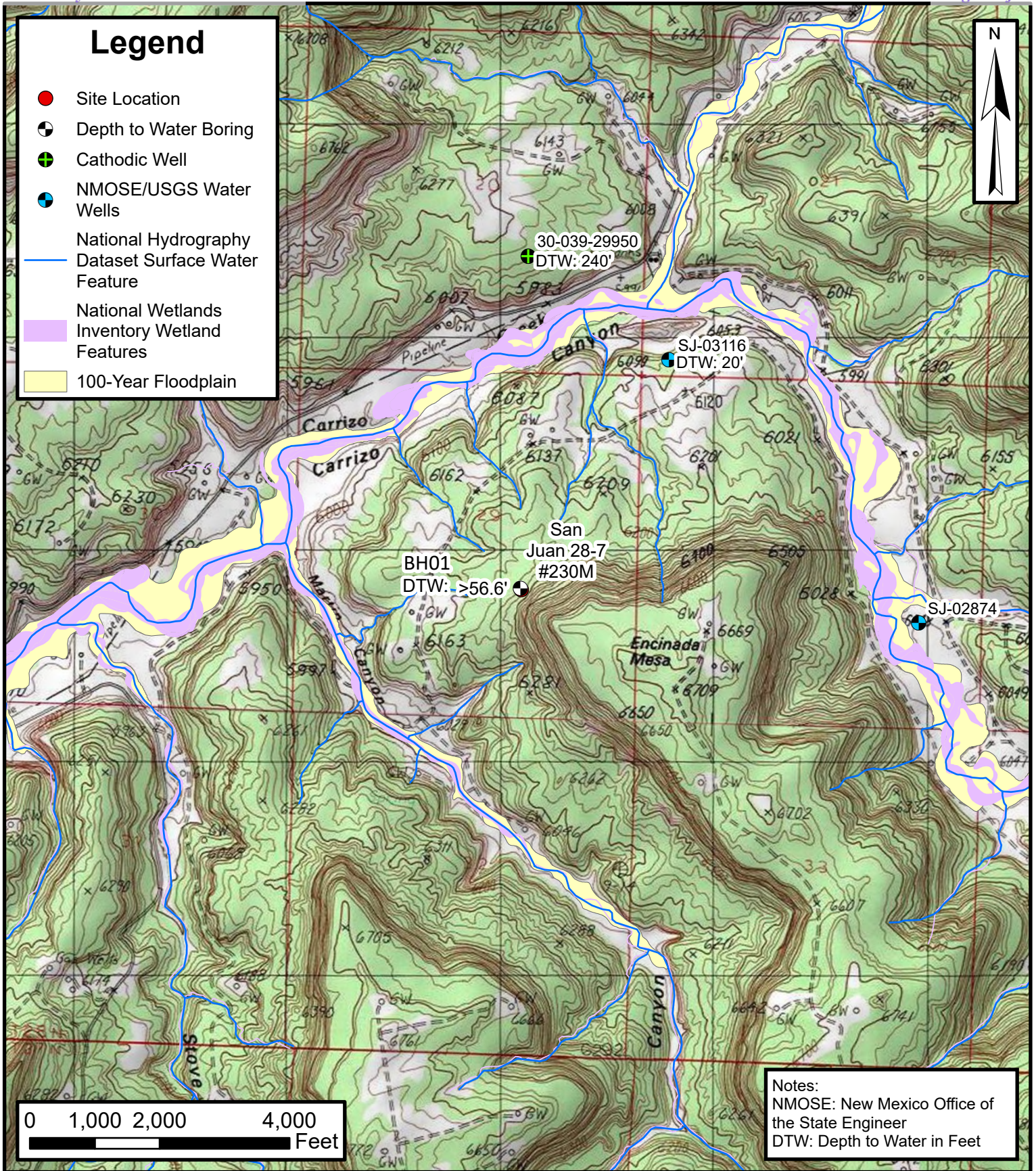
- Table 1: Excavation Soil Sample Analytical Results

- Appendix A: Agency Correspondence
- Appendix B: Photographic Log
- Appendix C: Laboratory Analytical Reports



FIGURES





Site Location Map
 San Juan 28-7 Unit 230M
 Hilcorp Energy Company
 36.630597, -107.59372
 Rio Arriba County, New Mexico

FIGURE
1

Legend

- Soil Sample Location in Compliance with NMOCD Closure Criteria
- Soil Sample Location with Terminus in Compliance with NMOCD Closure Criteria
- Depth to Water Boring
- Release Extent



Default Folder: C:\Users\Wes Weichert\OneDrive - ENSOLUM, LLC\Ensolum GIS0 - Projects\Hilcorp\San Juan 28-7 230M






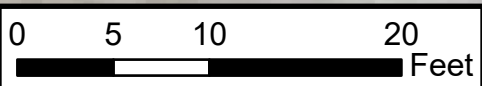
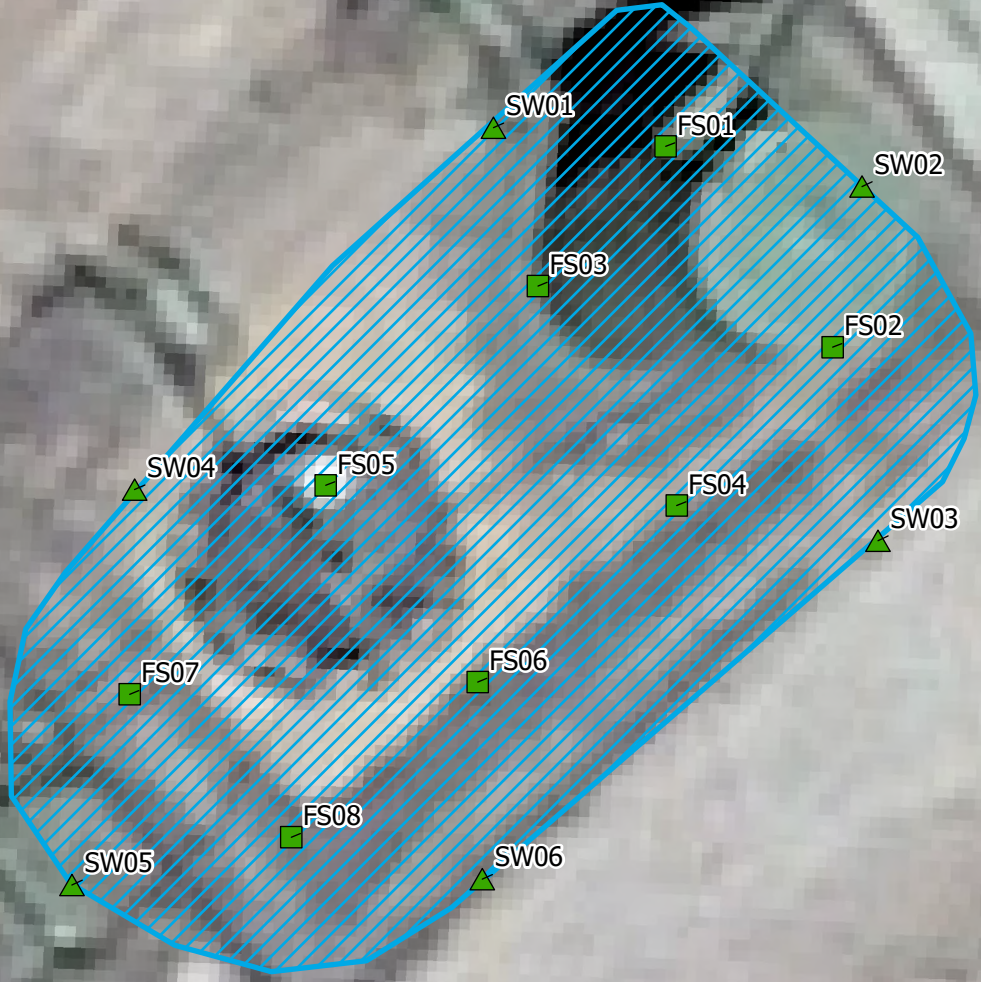
Delineation Soil Sample Locations

San Juan 28-7 #230M
 Hilcorp Energy Company
 36.630597, -107.59372
 Rio Arriba County, New Mexico

FIGURE
2

Legend

-  Sidewall Sample Location in Compliance with NMOCD Closure Criteria
-  Floor Sample Location in Compliance with NMOCD Closure Criteria
-  Excavation Extent



Default Folder: C:\Users\Wes.Weichert\OneDrive - ENSOLUM, LLC\Ensolun GIS0 - Projects\Hilcorp\San Juan 28-7-230M

Excavation Soil Sample Locations
 San Juan 28-7 #230M
 Hilcorp Energy Company
 36.630597,-107.59372
 Rio Arriba County, New Mexico

FIGURE
3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 San Juan 28-7 #230M
 Hilcorp Energy Company
 Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	10,000
Delineation Samples													
PH01@0-0.5'	6/30/2025	0-0.5'	0.0358	2.16	1.84	30.8	34.84	395	3,080	987	3,475	4,462	65.5
PH01@8'	6/30/2025	8'	<0.0250	<0.0250	<0.0250	0.0572	0.0572	<20.0	36.8	55.3	36.8	92.1	<20.0
PH02@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH02@2'	6/30/2025	2'	<0.0250	0.0782	0.0519	0.369	0.499	29.7	96.4	<50.0	126	126	<40.0
PH02@10.5'	6/30/2025	10.5'	0.0331	0.292	0.243	2.35	2.92	104	301	59.1	405	464	<40.0
PH03@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH03@6'	6/30/2025	6'	<0.0250	0.0479	<0.0250	0.230	0.278	<20.0	88.4	<50.0	88.4	88.4	<20.0
PH03@8'	6/30/2025	8'	<0.0250	0.117	0.0500	0.482	0.649	25.7	114	<50.0	140	140	<20.0
PH04@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH04@8'	6/30/2025	8'	<0.0250	0.0370	<0.0250	0.0692	0.1062	<20.0	<25.0	<50.0	<25.0	<50.0	38.6
PH05@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	379
PH05@8'	6/30/2025	8'	<0.0250	0.0994	0.0473	0.344	0.491	25.0	113	<50.0	138	138	<20.0
PH05@9'	6/30/2025	9'	0.0289	0.143	0.0469	0.440	0.659	23.2	45.9	<50.0	69.1	69.1	<20.0
PH06@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	0.0309	0.0309	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
PH06@6'	6/30/2025	6'	<0.0250	0.119	0.0778	0.668	0.865	40.1	128	<50.0	168	168	<40.0
PH06@10'	6/30/2025	10'	<0.0250	0.144	0.0875	0.810	1.04	42.0	132	<50.0	174	174	<40.0
PH07@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH07@6'	6/30/2025	6'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<200
PH07@9'	6/30/2025	9'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<200
PH08@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
PH08@8'	6/30/2025	8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<100
PH08@10'	6/30/2025	10'	<0.0250	0.0421	<0.0250	0.0534	0.0955	<20.0	<25.0	<50.0	<25.0	<50.0	57.5
PH09@0-0.5'	6/30/2025	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
PH09@7'	6/30/2025	7'	<0.0250	0.152	0.0269	0.275	0.454	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
PH09@8.5'	6/30/2025	8.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA01@0-0.5'	1/22/2026	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA01@1'	1/22/2026	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA01@2'	1/22/2026	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA01@3'	1/22/2026	3'	<0.0250	<0.0250	<0.0250	0.0258	0.0258	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA01@4'	1/22/2026	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA02@0-0.5'	1/22/2026	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA02@1'	1/22/2026	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA02@2'	1/22/2026	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<100
HA02@3'	1/22/2026	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
HA02@4'	1/22/2026	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<200
HA03@0-0.5'	1/22/2026	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA03@1'	1/22/2026	1'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
HA03@2'	1/22/2026	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
HA03@3'	1/22/2026	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
HA03@4'	1/22/2026	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 San Juan 28-7 #230M
 Hilcorp Energy Company
 Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Closure Criteria for Soils Impacted by a Release			10	NE	NE	NE	50	NE	NE	NE	1,000	2,500	10,000
Confirmation Samples													
FS01	1/22/2026	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	97.7	<50.0	97.7	97.7	<20.0
FS02	1/22/2026	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	54.6	<50.0	54.6	54.6	24.1
FS03	1/22/2026	2	<0.0250	<0.0250	<0.0250	0.0364	0.0364	<20.0	<25.0	<50.0	<25.0	<50.0	30.3
FS04	1/22/2026	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	204	75.3	204	279.3	<40.0
FS05	1/22/2026	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	26.6	<50.0	26.6	26.6	41.2
FS06	1/22/2026	2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	26.9
FS07	1/22/2026	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	73.7	<50.0	73.7	73.7	21.1
FS08	1/22/2026	4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<40.0
SW01	1/22/2026	0-2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	35.0
SW02	1/22/2026	0-2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	35.7	<50.0	35.7	35.7	<20.0
SW03	1/22/2026	0-2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW04	1/22/2026	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	28.4	<50.0	28.4	28.4	<40.0
SW05	1/22/2026	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	314	169	314	483.0	<20.0
SW06	1/22/2026	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	44.1	<50.0	41.1	41.1	<40.0

Notes:

bgs: Below ground surface
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
 mg/kg: Milligrams per kilogram
 NE: Not Established
 NMOCDC: 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 1 Closure Criteria for Soils Impacted by a Release



APPENDIX A

Agency Correspondence

From: OCDOnline@state.nm.us
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 475962
Date: Tuesday, June 17, 2025 2:43:51 PM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2516149472.

The sampling event is expected to take place:

When: 06/20/2025 @ 10:00

Where: J-29-28N-07W 2020 FSL 1900 FEL (36.630597,-107.59372)

Additional Information: Contact PM Stuart Hyde 970-903-1607 or Wes Weichert 916-266-8732

Additional Instructions: San Juan 28-7 230M (30-039-26091) GPS: 36.630597,-107.59372

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

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

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

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

From: OCDOnline@state.nm.us
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 488855
Date: Friday, July 25, 2025 2:15:59 PM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2516149472.

The sampling event is expected to take place:

When: 07/30/2025 @ 09:00

Where: J-29-28N-07W 2020 FSL 1900 FEL (36.630597,-107.59372)

Additional Information: Contact Stuart Hyde 970-903-1607

Additional Instructions: Delineation sampling at the San Juan 28-7 #230M, 36.630597, -107.59372

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

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

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

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

Operator: Hilcorp Energy Company
Well Name: San Juan 28-7 Unit #230M/API: 3003926091
Legal Description: T28N, R7W, Sec 29, NWSE

Conditions of Approval

Disclaimers: BLM's approval of the excavation plan does not relieve the lessee or an operator from obtaining any other authorizations that may be required by other jurisdictional entities. These COA's may reiterate COA's attached to original permit, and they do not negate any COA's attached to the original permit.

1. Hilcorp Energy Company will notify the BLM 24 hours prior to any confirmation soil sampling event. Contact Abiodun (Emmanuel) Adeloje at aadeloje@blm.gov or 505-564-7665 (office) or 505 635-0984 (cell).
2. Any disturbance of the interim reclaimed area will be appropriately reclaimed back to pre-project interim reclamation conditions. This approval does not permit surface disturbance beyond area requested. If it is determined that additional surface disturbance is required for sufficient remediation, a new request shall be submitted via Sundry (form 3160-005).
3. All cultural resources stipulations will be followed as indicated in the BLM Cultural Resource Records of Review and the Conditions of Approvals. These stipulations may include, but are not limited to, temporary or permanent fencing or other physical barriers, monitoring of earth-disturbing construction, project area reduction and/or specific construction avoidance zones, and employee education.
4. If, in its operations, operator/holder discovers any previously unidentified historic or prehistoric cultural resources, then work in the vicinity of the discovery will be suspended and the discovery promptly reported to BLM Field Manager. BLM-FFO will then specify what action is to be taken. If there is an approved "discovery plan" in place for the project, then the plan will be executed. In the absence of an approved plan, the BLM will evaluate the significance of the discovery in accordance with 36 CFR Section 800.13, in consultation with the appropriate State or Tribal Historic Preservation Officer(s) and Indian tribe(s) that might attach religious and cultural significance to the affected property, or in accordance with an approved program alternative. Minor recordation, stabilization, or data recovery may be performed by BLM or a third party acting on its behalf, such as a permitted cultural resources consultant. If warranted, more extensive archaeological or alternative mitigation, likely implemented by a permitted cultural resources consultant, may be required of the operator/holder prior to allowing the project to proceed. Further damage to significant cultural resources will not be allowed until any mitigations determined appropriate through the agency's Section 106 consultation are completed. Failure to notify the BLM-FFO about a discovery may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act (ARPA) of 1979, as amended, the Native American Graves Protection and Repatriation Act (NAGRPA) of 1990, as amended, and other applicable laws.

5. If, in its operations, operator/holder damages, or is found to have damaged any previously documented or undocumented historic or prehistoric cultural resources, excluding "discoveries" as noted above, the operator/holder agrees at his/her expense to have a permitted cultural resources consultant prepare a BLM approved damage assessment and/or data recovery plan. The operator/holder agrees at his/her expense to implement a mitigation that the agency finds appropriate given the significance of the site, which the agency determines in consultation with the appropriate State or Tribal Historic Preservation Officer(s) and Indian tribe(s) that might attach religious and cultural significance to the affected property. This mitigation may entail execution of the data recovery plan by a permitted cultural resources consultant and/or alternative mitigations. Damage to cultural resources may result in civil or criminal penalties in accordance with the Archeological Resources Protection Act (ARPA) of 1979, as amended, the Native American Graves Protection and Repatriation Act (NAGRPA) of 1990, as amended, and other applicable laws.
6. All employees of the project, including the Project Sponsor and its contractors and sub-contractors will be informed and educated that cultural sites are to be avoided by all personnel, personal vehicles, and company equipment. This includes personnel associated with construction, use, maintenance, and abandonment of the well pad, well facilities, access, and pipeline. They will also be notified that it is illegal to collect, damage, or disturb historic or prehistoric cultural resources, and that such activities are punishable by criminal and or administrative penalties under the provisions of the ARPA (16 U.S.C. 470aa-mm), NAGPRA (25 U.S.C. 3001-3013), and other laws, as applicable (for example, NM Stat. § 18-6-9 through § 18-6-11.2, as amended, and NM Stat. § 30-12-12, as amended).
7. If any paleontological resources are discovered during activities associated with the proposed project:
Hilcorp Energy will immediately inform the BLM Authorized Officer.
Activities in the vicinity of the discovery will be immediately suspended until written authorization to proceed is issued by the BLM Authorized Officer.
The discovery will be protected from damage or looting.
The Authorized Officer will ensure evaluation of the discovery as soon as possible.
Appropriate measures to mitigate adverse effects to significant paleontological resources will be determined by the Authorized Officer after consulting with the operator.
Any paleontological resource discovered by the Operator, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer.
Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant scientific values. The Holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the Holder.

IN-HOUSE ARCHEOLOGICAL SURVEY DETERMINATION
FARMINGTON FIELD OFFICE

NM-210-2026-008

Case No./Name: San Juan 28-7 Unit #23M/3003926091
Company: Hilcorp Energy Company
Type of Case: Soil Remediation-Excavation Method

Date Submitted: 12/12/2025

IS A CULTURAL RESOURCE INVENTORY REQUIRED?

- Proposal involves non-Federal lands.
- Proposal is within an existing right-of-way.
- Proposal is along an existing road.
- Proposal is within an existing disturbed area.
- The well pad is to be expanded _____ feet to the _____.
- Other: Hilcorp Energy has proposed remediate the impacted area of well mentioned above by dig/haul. The excavated contaminated soil would be transported to a private land farm. A clean soil void of noxious weed would be used to back fill the excavated portion of the berm. No off-pad activity is requested at this time. Please see attached base map.
Location: T28N R7W Sec 29

Submitted by: Abiodun Adeloje (NRS)

CULTURAL RESOURCE SPECIALIST RECOMMENDATIONS

- Inventory for cultural resources **is** required.
- Inventory for cultural resources **is not** required for the reason(s) indicated below.
 - Previous natural ground disturbance has modified the surface so extensively that the likelihood of finding cultural properties is negligible (e.g., within a floodplain), or
 - Human activity has created a new land surface to such an extent as to eradicate traces of cultural properties, or
 - Existing Class II or equivalent inventory or environmental data are sufficient to indicate that there is no likelihood of finding a National Register or eligible property, or
 - Inventory at the Class III level of intensity has previously been performed and records adequately documenting the location, methods, and results of the inventory are available in report no. NMCRI 63013
 - Natural environmental characteristics are unfavorable to the presence of cultural properties (such as recent landslide or rock falls), or
 - The nature of the proposed action is such that no impact can be expected on significant cultural resources (e.g. land use will not require any surface disturbing action, e.g., aerial spraying, hand application of chemicals, travel on existing roads, etc.), or
 - Other:

Recommended by: Kim Adams
Archaeologist

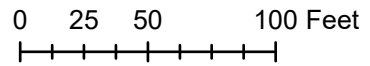
Date: 12/12/2025

Cultural Notes (if any, e.g., conditions, stipulations, etc.): All construction and vehicle traffic must remain completely on the existing well pad disturbance. If any new disturbance is needed, a new Class III survey will be required.

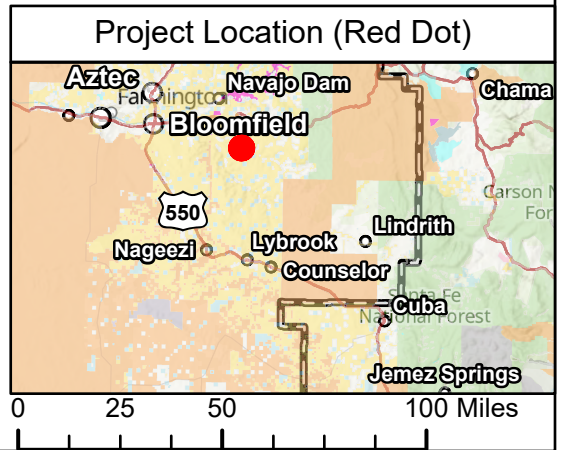
Hilcorp-San Juan 28-7 Unit 230M



U.S. Department of Interior
Bureau of Land Management



- BLM Roads
- Bureau of Land Management
- PLSSTownship
- PLSFirstDivision
- Impacted Area



No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources and may be updated without notification.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington Field Office

REQUEST FOR THREATENED AND ENDANGERED (T&E) / SPECIAL STATUS SPECIES SPECIES PROPOSAL EVALUATION

Accomplishment Number

Instructions: Double Form: 1) the upper portion - a request for and 2) the lower portion – evaluation of need for Formal Consultation

TO: Resource Area Special Status Species, T&E Species, Migratory Birds

Please evaluate this proposed action relative to possible affects on any Federally listed T&E, proposed Federal T&E, State listed T&E, or Special Status Species which may occur in the proposed location.

Description of the proposed Action and Case Reference Number:San Jaun 28-7 Unit #230M/3003926091: Hilcorp Energy has proposed remediate the impacted area of well mentioned above by dig/haul. The excavated contaminated soil would be transported to a private land farm. A clean soil void of noxious weed would be used to back fill the excavated portion of the berm. No off-pad activity is requested at this time.

Please see attached base map.

LOCATION

T28N R7W Sec 29

PROPOSEE

Abiodun Adeloje (NRS)
Signature of Initiating Official & Title

12/12/2025
Date

This proposal and relative data have been analyzed concerning the following species:SSS and habitat

The analysis indicates that there would be a No- May- affect situation as a result of approving this described proposed action and Formal Consultation is is not necessary.

This proposal is a minor construction major construction.

Method of Analysis: Field Examination Data bank/GIS Other (explain)

COMMENTSNo impacts to any BLM sensitive animal spp due to lack of new disturbance. Stay within permitted area. No direct impacts to SSPS due to lack of new disturbance.

Evaluated by

Level 1 Biologist

Level 2 Biologist

070-6843-01
(Sept. 2000)

/s/ John Kendall

12/12/25

/s/ Rylee Hostrawser

12/15/2025

(Signature)

(Date)

(Signature)

(Date)

Reviewed by

(Signature and Title)

From: OCDOnline@emnrd.nm.gov
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 538832
Date: Tuesday, December 30, 2025 11:08:24 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#) nAPP2516149472.

The sampling event is expected to take place:

When: 01/02/2026 @ 13:00

Where: J-29-28N-07W 2020 FSL 1900 FEL (36.630597,-107.59372)

Additional Information: Contact PM Stuart Hyde 970-903-1607 or Wes Weichert 816-266-8732

Additional Instructions: San Juan 28-7 230M (30-039-26091) 36.630597, -107.59372

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

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

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

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 543634

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 543634
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516149472
Incident Name	NAPP2516149472 SAN JUAN 28-7 UNIT 230M @ 30-039-26091
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-039-26091] SAN JUAN 28 7 UNIT #230M

Location of Release Source	
Site Name	SAN JUAN 28-7 UNIT 230M
Date Release Discovered	06/10/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,200
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2026
Time sampling will commence	09:30 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 28-7 230M (30-039-26091) 36.630597, -107.59372

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 543634

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 543634
	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.	1/15/2026
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.	1/15/2026



APPENDIX B

Photographic Log



Photographic Log
Hilcorp Energy Company
San Juan 28-7 230M
Rio Arriba County, New Mexico



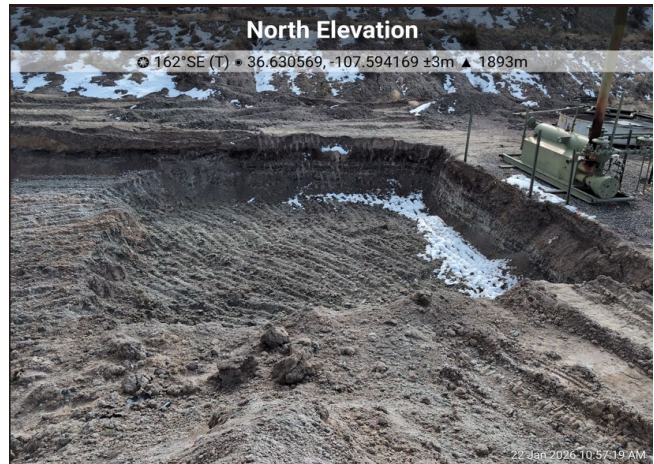
Photograph: 1 Date: 1/22/2026
Description: FS02, FS04, FS06 and FS08
View: East



Photograph: 2 Date: 1/22/2026
Description: FS01, FS02 and FS03
View: East



Photograph: 3 Date: 1/22/2026
Description: FS04, FS06, FS08 and FS07
View: Southeast



Photograph: 4 Date: 1/22/2026
Description: FS06, FS08, FS07 and FS05
View: Southeast

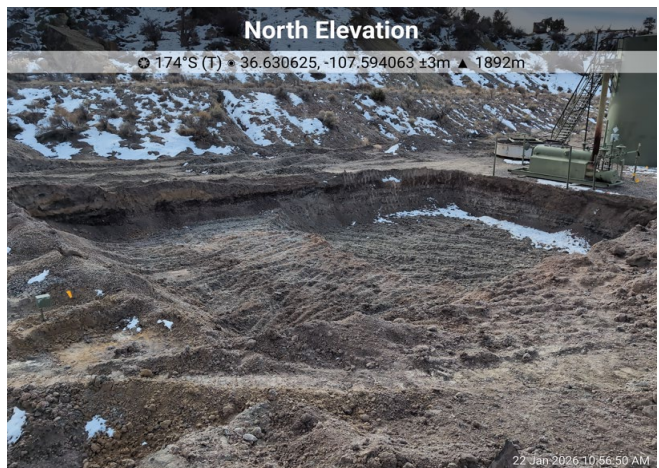


Photographic Log
Hilcorp Energy Company
San Juan 28-7 230M
Rio Arriba County, New Mexico



Photograph: 5 Date: 1/22/2026
Description: SW05, Southwest wall of excavation
View: Southwest

Photograph: 6 Date: 1/22/2026
Description: SW02, FS01 and FS02, North side
View: North



Photograph: 7 Date: 1/22/2026
Description: FS01 and FS02, SW02 and SW03
View: Southeast

Photograph: 8 Date: 1/22/2026
Description: Excavation extent from the North
View: South



Photographic Log
Hilcorp Energy Company
San Juan 28-7 230M
Rio Arriba County, New Mexico



Photograph: 9 Date: 1/22/2026
Description: Excavation extent from the Northeast
View: Southwest

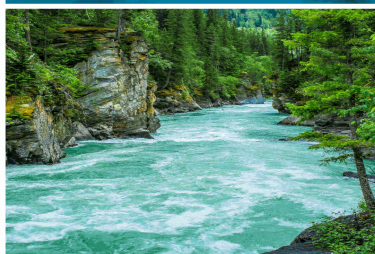
Photograph: 10 Date: 1/22/2026
Description: Excavation extent from the Southwest
View: Northeast



APPENDIX C

Laboratory Analytical Reports

Report to:
Kate Kaufman



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: San Juan 28-7 230M

Work Order: E507002

Job Number: 17051-0002

Received: 7/1/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 7/10/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 28-7 230M
Workorder: E507002
Date Received: 7/1/2025 2:00:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/1/2025 2:00:00PM, under the Project Name: San Juan 28-7 230M.

The analytical test results summarized in this report with the Project Name: San Juan 28-7 230M apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
PH01 @ 0-0.5'	6
PH01 @ 8'	7
PH02 @ 2'	8
PH02 @ 10.5'	9
PH02 @ 0-0.5'	10
PH03 @ 0-0.5'	11
PH03 @ 6'	12
PH03 @ 8'	13
PH04 @ 0-0.5'	14
PH04 @ 8'	15
PH05 @ 8'	16
PH05 @ 9'	17
PH05 @ 0-0.5'	18
PH06 @ 0-0.5'	19
PH06 @ 6'	20
PH06 @ 10'	21
PH07 @ 0-0.5'	22
PH07 @ 6'	23
PH07 @ 9'	24
PH08 @ 0-0.5'	25

Table of Contents (continued)

PH08 @ 8'	26
PH08 @ 10'	27
PH09 @ 0-0.5'	28
PH09 @ 7'	29
PH09 @ 8.5'	30
QC Summary Data	31
QC - Volatile Organics by EPA 8021B	31
QC - Nonhalogenated Organics by EPA 8015D - GRO	33
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	35
QC - Anions by EPA 300.0/9056A	37
Definitions and Notes	39
Chain of Custody etc.	40

Sample Summary

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: San Juan 28-7 230M
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
07/10/25 12:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 @ 0-0.5'	E507002-01A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH01 @ 8'	E507002-02A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH02 @ 2'	E507002-03A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH02 @ 10.5'	E507002-04A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH02 @ 0-0.5'	E507002-05A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH03 @ 0-0.5'	E507002-06A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH03 @ 6'	E507002-07A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH03 @ 8'	E507002-08A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH04 @ 0-0.5'	E507002-09A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH04 @ 8'	E507002-10A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH05 @ 8'	E507002-11A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH05 @ 9'	E507002-12A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH05 @ 0-0.5'	E507002-13A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH06 @ 0-0.5'	E507002-14A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH06 @ 6'	E507002-15A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH06 @ 10'	E507002-16A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH07 @ 0-0.5'	E507002-17A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH07 @ 6'	E507002-18A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH07 @ 9'	E507002-19A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH08 @ 0-0.5'	E507002-20A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH08 @ 8'	E507002-21A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH08 @ 10'	E507002-22A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH09 @ 0-0.5'	E507002-23A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH09 @ 7'	E507002-24A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.
PH09 @ 8.5'	E507002-25A	Soil	06/30/25	07/01/25	Glass Jar, 4 oz.



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH01 @ 0-0.5'

E507002-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2527064	
Benzene	0.0358	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	1.84	0.0250	1	07/02/25	07/04/25	
Toluene	2.16	0.0250	1	07/02/25	07/04/25	
o-Xylene	7.25	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	23.5	0.0500	1	07/02/25	07/04/25	
Total Xylenes	30.8	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		89.3 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2527064	
Gasoline Range Organics (C6-C10)	395	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		168 %	70-130	07/02/25	07/04/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2527103	
Diesel Range Organics (C10-C28)	3080	25.0	1	07/03/25	07/03/25	T9
Oil Range Organics (C28-C36)	987	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		253 %	61-141	07/03/25	07/03/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528018	
Chloride	65.5	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH01 @ 8'

E507002-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/07/25	
Toluene	ND	0.0250	1	07/02/25	07/07/25	
o-Xylene	ND	0.0250	1	07/02/25	07/07/25	
p,m-Xylene	0.0572	0.0500	1	07/02/25	07/07/25	
Total Xylenes	0.0572	0.0250	1	07/02/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.1 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	36.8	25.0	1	07/03/25	07/03/25	
Oil Range Organics (C28-C36)	55.3	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		94.6 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH02 @ 2'

E507002-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	0.0519	0.0250	1	07/02/25	07/04/25	
Toluene	0.0782	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.0786	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.290	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.369	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.1 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	29.7	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	96.4	25.0	1	07/03/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		96.8 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	40.0	2	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH02 @ 10.5'

E507002-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	0.0331	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	0.243	0.0250	1	07/02/25	07/04/25	
Toluene	0.292	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.616	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	1.73	0.0500	1	07/02/25	07/04/25	
Total Xylenes	2.35	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.4 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	104	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		140 %	70-130	07/02/25	07/04/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	301	25.0	1	07/03/25	07/03/25	T9
Oil Range Organics (C28-C36)	59.1	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	40.0	2	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH02 @ 0-0.5'

E507002-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.7 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		94.1 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH03 @ 0-0.5'

E507002-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.2 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		90.7 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH03 @ 6'

E507002-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	0.0479	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.0761	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.154	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.230	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.6 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	88.4	25.0	1	07/03/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH03 @ 8'

E507002-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	0.0500	0.0250	1	07/02/25	07/04/25	
Toluene	0.117	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.148	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.334	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.482	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	25.7	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	114	25.0	1	07/03/25	07/03/25	T9
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
	98.7 %	61-141		07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH04 @ 0-0.5'

E507002-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.7 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		92.3 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH04 @ 8'

E507002-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	0.0370	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.0692	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.0692	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.7 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		92.4 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	38.6	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH05 @ 8'

E507002-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	0.0473	0.0250	1	07/02/25	07/04/25	
Toluene	0.0994	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.0748	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.270	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.344	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.5 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	25.0	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		111 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	113	25.0	1	07/03/25	07/03/25	T9
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH05 @ 9'

E507002-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	0.0289	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	0.0469	0.0250	1	07/02/25	07/04/25	
Toluene	0.143	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.137	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.303	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.440	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.7 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	23.2	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	45.9	25.0	1	07/03/25	07/03/25	T9
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/03/25	
<i>Surrogate: n-Nonane</i>						
		97.4 %	61-141	07/03/25	07/03/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH05 @ 0-0.5'

E507002-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.5 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>						
		91.5 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	376	40.0	2	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH06 @ 0-0.5'

E507002-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.0309	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.0309	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.6 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>		93.4 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2528018
Chloride	ND	40.0	2	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH06 @ 6'

E507002-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/07/25	
Ethylbenzene	0.0778	0.0250	1	07/02/25	07/07/25	
Toluene	0.119	0.0250	1	07/02/25	07/07/25	
o-Xylene	0.190	0.0250	1	07/02/25	07/07/25	
p,m-Xylene	0.478	0.0500	1	07/02/25	07/07/25	
Total Xylenes	0.668	0.0250	1	07/02/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	40.1	20.0	1	07/02/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		121 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	128	25.0	1	07/03/25	07/04/25	T9
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2528018
Chloride	ND	40.0	2	07/07/25	07/07/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH06 @ 10'

E507002-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/07/25	
Ethylbenzene	0.0875	0.0250	1	07/02/25	07/07/25	
Toluene	0.144	0.0250	1	07/02/25	07/07/25	
o-Xylene	0.228	0.0250	1	07/02/25	07/07/25	
p,m-Xylene	0.582	0.0500	1	07/02/25	07/07/25	
Total Xylenes	0.810	0.0250	1	07/02/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.1 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	42.0	20.0	1	07/02/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	132	25.0	1	07/03/25	07/04/25	T9
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2528018
Chloride	ND	40.0	2	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH07 @ 0-0.5'

E507002-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/07/25	
Toluene	ND	0.0250	1	07/02/25	07/07/25	
o-Xylene	ND	0.0250	1	07/02/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.5 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>						
		92.2 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	20.0	1	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH07 @ 6'

E507002-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/07/25	
Toluene	ND	0.0250	1	07/02/25	07/07/25	
o-Xylene	ND	0.0250	1	07/02/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.2 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>						
		92.7 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	200	10	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH07 @ 9'

E507002-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/07/25	
Toluene	ND	0.0250	1	07/02/25	07/07/25	
o-Xylene	ND	0.0250	1	07/02/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.6 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		106 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>						
		93.9 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	200	10	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH08 @ 0-0.5'

E507002-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Benzene	ND	0.0250	1	07/02/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/07/25	
Toluene	ND	0.0250	1	07/02/25	07/07/25	
o-Xylene	ND	0.0250	1	07/02/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.8 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2527064
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	07/02/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527103
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/04/25	
<i>Surrogate: n-Nonane</i>						
		93.7 %	61-141	07/03/25	07/04/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528018
Chloride	ND	40.0	2	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH08 @ 8'

E507002-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.3 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		81.4 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2527094
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/07/25	
<i>Surrogate: n-Nonane</i>						
		93.1 %	61-141	07/03/25	07/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528017
Chloride	ND	100	5	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH08 @ 10'

E507002-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	0.0421	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.0534	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.0534	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		96.2 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		80.6 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2527094
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/07/25	
<i>Surrogate: n-Nonane</i>						
		88.7 %	61-141	07/03/25	07/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528017
Chloride	57.5	40.0	2	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH09 @ 0-0.5'

E507002-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.4 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.0 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2527094
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/07/25	
<i>Surrogate: n-Nonane</i>						
		89.0 %	61-141	07/03/25	07/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528017
Chloride	ND	20.0	1	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH09 @ 7'

E507002-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2527065
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	0.0269	0.0250	1	07/02/25	07/04/25	
Toluene	0.152	0.0250	1	07/02/25	07/04/25	
o-Xylene	0.0547	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	0.220	0.0500	1	07/02/25	07/04/25	
Total Xylenes	0.275	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.8 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2527065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		82.1 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2527094
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/07/25	
<i>Surrogate: n-Nonane</i>						
		92.4 %	61-141	07/03/25	07/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528017
Chloride	ND	40.0	2	07/07/25	07/08/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

PH09 @ 8.5'

E507002-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Benzene	ND	0.0250	1	07/02/25	07/04/25	
Ethylbenzene	ND	0.0250	1	07/02/25	07/04/25	
Toluene	ND	0.0250	1	07/02/25	07/04/25	
o-Xylene	ND	0.0250	1	07/02/25	07/04/25	
p,m-Xylene	ND	0.0500	1	07/02/25	07/04/25	
Total Xylenes	ND	0.0250	1	07/02/25	07/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.9 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2527065
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/02/25	07/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		79.4 %	70-130	07/02/25	07/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2527094
Diesel Range Organics (C10-C28)	ND	25.0	1	07/03/25	07/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/03/25	07/07/25	
<i>Surrogate: n-Nonane</i>						
		91.8 %	61-141	07/03/25	07/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2528017
Chloride	ND	20.0	1	07/07/25	07/08/25	



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

Volatile Organics by EPA 8021B

Analyst: SL

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

Blank (2527064-BLK1)

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.65		8.00		95.7	70-130			

LCS (2527064-BS1)

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	5.03	0.0250	5.00		101	70-130			
Toluene	5.04	0.0250	5.00		101	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.34		8.00		91.8	70-130			

Matrix Spike (2527064-MS1)

Source: E507002-11

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	4.47	0.0250	5.00	ND	89.4	70-130			
Ethylbenzene	4.49	0.0250	5.00	0.0473	88.9	70-130			
Toluene	4.53	0.0250	5.00	0.0994	88.6	70-130			
o-Xylene	4.74	0.0250	5.00	0.0748	93.3	70-130			
p,m-Xylene	9.51	0.0500	10.0	0.270	92.4	70-130			
Total Xylenes	14.3	0.0250	15.0	0.344	92.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.7	70-130			

Matrix Spike Dup (2527064-MSD1)

Source: E507002-11

Prepared: 07/02/25 Analyzed: 07/07/25

Benzene	4.73	0.0250	5.00	ND	94.6	70-130	5.60	27	
Ethylbenzene	4.74	0.0250	5.00	0.0473	93.9	70-130	5.37	26	
Toluene	4.77	0.0250	5.00	0.0994	93.5	70-130	5.22	20	
o-Xylene	4.93	0.0250	5.00	0.0748	97.2	70-130	4.03	25	
p,m-Xylene	9.97	0.0500	10.0	0.270	97.0	70-130	4.72	23	
Total Xylenes	14.9	0.0250	15.0	0.344	97.1	70-130	4.49	26	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.8	70-130			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

Volatile Organics by EPA 8021B

Analyst: BA

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

Blank (2527065-BLK1)

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.32		8.00		91.5	70-130			

LCS (2527065-BS1)

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Toluene	5.05	0.0250	5.00		101	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		94.9	70-130			

Matrix Spike (2527065-MS1)

Source: E507002-24

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	5.12	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.15	0.0250	5.00	0.0269	103	70-130			
Toluene	5.28	0.0250	5.00	0.152	103	70-130			
o-Xylene	5.21	0.0250	5.00	0.0547	103	70-130			
p,m-Xylene	10.5	0.0500	10.0	0.220	103	70-130			
Total Xylenes	15.7	0.0250	15.0	0.275	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.6	70-130			

Matrix Spike Dup (2527065-MSD1)

Source: E507002-24

Prepared: 07/02/25 Analyzed: 07/04/25

Benzene	5.36	0.0250	5.00	ND	107	70-130	4.41	27	
Ethylbenzene	5.37	0.0250	5.00	0.0269	107	70-130	4.06	26	
Toluene	5.51	0.0250	5.00	0.152	107	70-130	4.16	20	
o-Xylene	5.46	0.0250	5.00	0.0547	108	70-130	4.64	25	
p,m-Xylene	10.9	0.0500	10.0	0.220	107	70-130	3.80	23	
Total Xylenes	16.3	0.0250	15.0	0.275	107	70-130	4.08	26	
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 28-7 230M	Reported: 7/10/2025 12:45:43PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2527064-BLK1)

Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.24		8.00		103	70-130			

LCS (2527064-BS2)

Prepared: 07/02/25 Analyzed: 07/07/25

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.69		8.00		109	70-130			

Matrix Spike (2527064-MS2)

Source: E507002-11

Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	73.9	20.0	50.0	25.0	97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.43		8.00		118	70-130			

Matrix Spike Dup (2527064-MSD2)

Source: E507002-11

Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	78.1	20.0	50.0	25.0	106	70-130	5.45	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.01		8.00		113	70-130			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

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

Blank (2527065-BLK1)

Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.81		8.00		85.1	70-130			

LCS (2527065-BS2)

Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	42.8	20.0	50.0		85.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			

Matrix Spike (2527065-MS2)

Source: E507002-24

Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	48.6	20.0	50.0	ND	97.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.55		8.00		81.8	70-130			

Matrix Spike Dup (2527065-MSD2)

Source: E507002-24

Prepared: 07/02/25 Analyzed: 07/04/25

Gasoline Range Organics (C6-C10)	42.9	20.0	50.0	ND	85.8	70-130	12.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.50		8.00		81.2	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 28-7 230M	Reported: 7/10/2025 12:45:43PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2527094-BLK1)

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.1		50.0		92.3	61-141			

LCS (2527094-BS1)

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	241	25.0	250		96.5	66-144			
Surrogate: n-Nonane	46.0		50.0		92.0	61-141			

Matrix Spike (2527094-MS1)

Source: E507002-22

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	48.2		50.0		96.4	61-141			

Matrix Spike Dup (2527094-MSD1)

Source: E507002-22

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	0.959	20	
Surrogate: n-Nonane	48.8		50.0		97.6	61-141			



QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 28-7 230M	Reported: 7/10/2025 12:45:43PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

Blank (2527103-BLK1)

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.6		50.0		93.2	61-141			

LCS (2527103-BS1)

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	247	25.0	250		98.6	66-144			
Surrogate: n-Nonane	46.1		50.0		92.1	61-141			

Matrix Spike (2527103-MS1)

Source: E507002-13

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	254	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	46.9		50.0		93.8	61-141			

Matrix Spike Dup (2527103-MSD1)

Source: E507002-13

Prepared: 07/03/25 Analyzed: 07/03/25

Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	1.11	20	
Surrogate: n-Nonane	45.9		50.0		91.7	61-141			



QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 28-7 230M	Reported: 7/10/2025 12:45:43PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Anions by EPA 300.0/9056A

Analyst: IY

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

Blank (2528017-BLK1)

Prepared: 07/07/25 Analyzed: 07/08/25

Chloride ND 20.0

LCS (2528017-BS1)

Prepared: 07/07/25 Analyzed: 07/08/25

Chloride 256 20.0 250 103 90-110

Matrix Spike (2528017-MS1)

Source: E507001-01

Prepared: 07/07/25 Analyzed: 07/08/25

Chloride 280 20.0 250 29.0 100 80-120

Matrix Spike Dup (2528017-MSD1)

Source: E507001-01

Prepared: 07/07/25 Analyzed: 07/08/25

Chloride 287 20.0 250 29.0 103 80-120 2.52 20



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 7/10/2025 12:45:43PM
--	---	--

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2528018-BLK1)

Prepared: 07/07/25 Analyzed: 07/07/25

Chloride ND 20.0

LCS (2528018-BS1)

Prepared: 07/07/25 Analyzed: 07/07/25

Chloride 254 20.0 250 102 90-110

Matrix Spike (2528018-MS1)

Source: E507002-02

Prepared: 07/07/25 Analyzed: 07/07/25

Chloride 257 20.0 250 ND 103 80-120

Matrix Spike Dup (2528018-MSD1)

Source: E507002-02

Prepared: 07/07/25 Analyzed: 07/07/25

Chloride 257 20.0 250 ND 103 80-120 0.0697 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 28-7 230M	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Kate Kaufman	07/10/25 12:45

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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





Chain of Custody

Client Information		Invoice Information		Lab Use Only				TAT				State			
Client: <u>H:leorp Energy Company</u>		Company: <u>SAME</u>		Lab WO# <u>E 567002</u>		Job Number <u>17051-0002</u>		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>San Juan 28-7 230M</u>		Address: <u>AS</u>										<input checked="" type="checkbox"/>			
Project Manager: <u>Kate Kaufman</u>		City, State, Zip: <u>CLIENT</u>													
Address:		Phone:													
City, State, Zip:		Email:													
Phone:		Miscellaneous:													
Email: <u>kkaufman@h:leorp.com</u>															

Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BELOC - NM	BELOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N	
																	PWSID #				
																	Sample Temp			Remarks	
0853	6/30/25	soil	one 4 oz	PH01@0-0.5'			1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								4.8	
0851				PH01@8'			2													4.6	
0904				PH02@2'			3													4.0	
0935				PH02@10.5'			4													3.8	
0939				PH02@0-0.5'			5													4.2	
1019				PH03@0-0.5'			6													4.5	
1011				PH03@6'			7													3.9	
1017				PH03@8'			8													3.7	
1041				PH04@0-0.5'			9													3.2	
1102				PH04@8'			10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>								3.6	

Additional Instructions: cc : shyde@ensolum.com ; wwe:chert@ensolum ; ofroelich@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: <u>Osgood Froelich</u>						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
<u>[Signature]</u>	7-1-25	1400	<u>[Signature]</u>	7-1-25	1400	
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	Lab Use Only
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Received on ice:
						<input checked="" type="checkbox"/> Y / <input type="checkbox"/> 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.

Client Information		Invoice Information		Lab Use Only				TAT				State			
Client: <u>H:corp Energy Company</u>		Company: <u>SAME</u>		Lab WO# <u>E507002</u>		Job Number <u>17051-0002</u>		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>San Juan 28-7 230M</u>		Address: <u>AS</u>										<input checked="" type="checkbox"/>			
Project Manager: <u>Kate Kaufman</u>		City, State, Zip: <u>CLIENT</u>													
Address:		Phone:													
City, State, Zip:		Email:													
Phone:		Miscellaneous:													
Email: <u>kkaufman@h:corp.com</u>															

Sample Information										Analysis and Method								EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ.1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks
1129	6/30/25	soil	one 4-oz	PH05 @ 8'		11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													3.4	
1134				PH05 @ 9'		12																		4.0	
1135				PH05 @ 0-0.5'		13																		4.0	
1210				PH06 @ 0-0.5'		14																		3.8	
1157				PH06 @ 6'		15																		3.4	
1208				PH06 @ 10'		16																		3.2	
1257				PH07 @ 0-0.5'		17																		3.0	
1308				PH07 @ 6'		18																		3.6	
1317				PH07 @ 9'		19																		2.8	
1335				PH08 @ 0-0.5'		20																		3.1	

Additional Instructions: cc: shyde@ensolum.com ; wweichert@ensolum.com ; ofroelich@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Sampled by: Osgood Freulich

Relinquished by: (Signature) <u>Osgood Freulich</u>	Date <u>7-1-25</u>	Time <u>1400</u>	Received by: (Signature) <u>Caith Man</u>	Date <u>7.1.25</u>	Time <u>1400</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Client Information		Invoice Information		Lab Use Only		TAT		State							
Client: <u>Hilcorp Energy Company</u>		Company: <u>SAME AS</u>		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project Name: <u>San Juan 28-7 230M</u>		Address: <u>CLIENT</u>		<u>E507002</u>	<u>17051-0002</u>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Project Manager: <u>Kate Kaufman</u>		City, State, Zip:		Analysis and Method		EPA Program		Compliance							
Address:		Phone:		DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
City, State, Zip:		Email:													
Phone:		Miscellaneous:													
Email: <u>kkaufman@hilcorp.com</u>															

Sample Information																		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	PWSID #	Sample Temp	Remarks
1337	6/30/25	soil	one 4 oz	PH08@8'		21	X	X	X	X	X						3.0	
1344				PH08@10'		22											3.2	
1356				PH09@0-0.5'		23											3.0	
1408				PH09@7'		24											3.3	
1414				PH09@8.5'		25											3.1	

Additional Instructions: cc: shyde@ensolum.com ; wweichert@ensolum.com ; ofroelich@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: <u>Osgood Froelich</u>					
Relinquished by: (Signature) <u>Evan Lamm</u>	Date <u>7-1-25</u>	Time <u>14:00</u>	Received by: (Signature) <u>Carth M...</u>	Date <u>7-1-25</u>	Time <u>1400</u>
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only
Received on ice:
 Y N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/1/2025 2:12:32PM

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: 07/01/25 14:00	Work Order ID: E507002
Phone: -	Date Logged In: 07/01/25 14:06	Logged In By: Caitlin Mars
Email:	Due Date: 07/09/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Eric Carroll

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

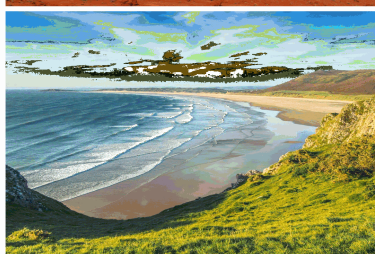
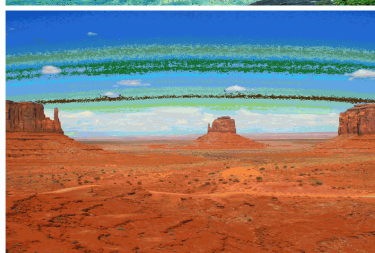
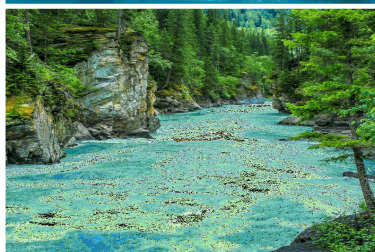
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Kate Kaufman



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: San Juan 28-7 #230M

Work Order: E601229

Job Number: 17051-0002

Received: 1/22/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
1/30/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 1/30/26

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 28-7 #230M
Workorder: E601229
Date Received: 1/22/2026 5:00:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2026 5:00:00PM, under the Project Name: San Juan 28-7 #230M.

The analytical test results summarized in this report with the Project Name: San Juan 28-7 #230M apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
HA01 @ 0-0.5'	6
HA01 @ 1'	7
HA01 @ 2'	8
HA01 @ 3'	9
HA01 @ 4'	10
HA02 @ 0-0.5'	11
HA02 @ 1'	12
HA02 @ 2'	13
HA02 @ 3'	14
HA02 @ 4'	15
HA03 @ 0-0.5'	16
HA03 @ 1'	17
HA03 @ 2'	18
HA03 @ 3'	19
HA03 @ 4'	20
FS01	21
FS02	22
FS03	23
FS04	24
FS05	25

Table of Contents (continued)

FS06	26
FS07	27
FS08	28
SW01	29
SW02	30
SW03	31
SW04	32
SW05	33
SW06	34
QC Summary Data	35
QC - Volatile Organics by EPA 8021B	35
QC - Nonhalogenated Organics by EPA 8015D - GRO	37
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	39
QC - Anions by EPA 300.0/9056A	41
Definitions and Notes	43
Chain of Custody etc.	44

Sample Summary

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: San Juan 28-7 #230M
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
01/30/26 15:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA01 @ 0-0.5'	E601229-01A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA01 @ 1'	E601229-02A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA01 @ 2'	E601229-03A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA01 @ 3'	E601229-04A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA01 @ 4'	E601229-05A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA02 @ 0-0.5'	E601229-06A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA02 @ 1'	E601229-07A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA02 @ 2'	E601229-08A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA02 @ 3'	E601229-09A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA02 @ 4'	E601229-10A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA03 @ 0-0.5'	E601229-11A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA03 @ 1'	E601229-12A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA03 @ 2'	E601229-13A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA03 @ 3'	E601229-14A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
HA03 @ 4'	E601229-15A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS01	E601229-16A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS02	E601229-17A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS03	E601229-18A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS04	E601229-19A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS05	E601229-20A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS06	E601229-21A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS07	E601229-22A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
FS08	E601229-23A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
SW01	E601229-24A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
SW02	E601229-25A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
SW03	E601229-26A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
SW04	E601229-27A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
SW05	E601229-28A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.
SW06	E601229-29A	Soil	01/22/26	01/22/26	Glass Jar, 2 oz.



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA01 @ 0-0.5'

E601229-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.6 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA01 @ 1'

E601229-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		87.2 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.3 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA01 @ 2'

E601229-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.6 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA01 @ 3'

E601229-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	0.0258	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	0.0258	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.6 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.7 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>		101 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA01 @ 4'

E601229-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.4 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.9 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>		100 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA02 @ 0-0.5'

E601229-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		88.5 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.6 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA02 @ 1'

E601229-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.9 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.3 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA02 @ 2'

E601229-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		89.3 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.4 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	100	5	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA02 @ 3'

E601229-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.3 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>		104 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	40.0	2	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA02 @ 4'

E601229-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.0 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	200	10	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA03 @ 0-0.5'

E601229-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		90.2 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.9 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA03 @ 1'

E601229-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.5 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.8 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	40.0	2	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA03 @ 2'

E601229-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.1 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.2 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/28/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/28/26	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	01/27/26	01/28/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	40.0	2	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA03 @ 3'

E601229-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.1 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.3 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/29/26	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	01/27/26	01/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

HA03 @ 4'

E601229-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.5 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/29/26	
<i>Surrogate: n-Nonane</i>		105 %	61-141	01/27/26	01/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS01

E601229-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.5 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	97.7	25.0	1	01/27/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/29/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/27/26	01/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS02

E601229-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.2 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	54.6	25.0	1	01/27/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/29/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/27/26	01/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	24.1	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS03
E601229-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	0.0364	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	0.0364	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.3 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.7 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	ND	25.0	1	01/27/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/29/26	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	01/27/26	01/29/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	30.3	20.0	1	01/27/26	01/28/26	

Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS04

E601229-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.4 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	204	25.0	1	01/27/26	01/29/26	
Oil Range Organics (C28-C36)	75.3	50.0	1	01/27/26	01/29/26	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/27/26	01/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	ND	40.0	2	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS05

E601229-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Benzene	ND	0.0250	1	01/26/26	01/30/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/30/26	
Toluene	ND	0.0250	1	01/26/26	01/30/26	
o-Xylene	ND	0.0250	1	01/26/26	01/30/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/30/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/30/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.4 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605026
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/30/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.4 %	70-130	01/26/26	01/30/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2605058
Diesel Range Organics (C10-C28)	26.6	25.0	1	01/27/26	01/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/27/26	01/29/26	
<i>Surrogate: n-Nonane</i>		107 %	61-141	01/27/26	01/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605062
Chloride	41.2	40.0	2	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS06

E601229-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.5 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		109 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>						
		91.4 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	26.9	20.0	1	01/27/26	01/27/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS07

E601229-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.3 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	73.7	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		90.8 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	21.1	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

FS08

E601229-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.8 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		126 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>						
		93.6 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	ND	40.0	2	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

SW01
E601229-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.0 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		124 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		92.4 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	35.0	20.0	1	01/27/26	01/27/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

SW02
E601229-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.5 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		125 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	35.7	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>						
		95.7 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

SW03
E601229-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.4 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		123 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	ND	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>						
		95.6 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

SW04
E601229-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.5 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		125 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	28.4	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		95.5 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	ND	40.0	2	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

SW05
E601229-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.2 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		125 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	314	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	169	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		92.6 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	ND	20.0	1	01/27/26	01/28/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

SW06
E601229-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Benzene	ND	0.0250	1	01/26/26	01/28/26	
Ethylbenzene	ND	0.0250	1	01/26/26	01/28/26	
Toluene	ND	0.0250	1	01/26/26	01/28/26	
o-Xylene	ND	0.0250	1	01/26/26	01/28/26	
p,m-Xylene	ND	0.0500	1	01/26/26	01/28/26	
Total Xylenes	ND	0.0250	1	01/26/26	01/28/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2605017
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/26/26	01/28/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		124 %	70-130	01/26/26	01/28/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: HM		Batch: 2605033
Diesel Range Organics (C10-C28)	44.1	25.0	1	01/26/26	01/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	01/26/26	01/27/26	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	01/26/26	01/27/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2605065
Chloride	ND	40.0	2	01/27/26	01/28/26	



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	----------------------------------

Volatile Organics by EPA 8021B

Analyst: MB

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

Blank (2605017-BLK1)

Prepared: 01/26/26 Analyzed: 01/28/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.53		8.00		94.1	70-130			

LCS (2605017-BS1)

Prepared: 01/26/26 Analyzed: 01/28/26

Benzene	4.43	0.0250	5.00		88.6	70-130			
Ethylbenzene	4.20	0.0250	5.00		84.0	70-130			
Toluene	4.38	0.0250	5.00		87.6	70-130			
o-Xylene	4.25	0.0250	5.00		85.1	70-130			
p,m-Xylene	8.62	0.0500	10.0		86.2	70-130			
Total Xylenes	12.9	0.0250	15.0		85.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

Matrix Spike (2605017-MS1)

Source: E601226-45

Prepared: 01/26/26 Analyzed: 01/28/26

Benzene	5.13	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130			
Toluene	5.09	0.0250	5.00	ND	102	70-130			
o-Xylene	4.94	0.0250	5.00	ND	98.9	70-130			
p,m-Xylene	9.98	0.0500	10.0	ND	99.8	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

Matrix Spike Dup (2605017-MSD1)

Source: E601226-45

Prepared: 01/26/26 Analyzed: 01/28/26

Benzene	5.22	0.0250	5.00	ND	104	70-130	1.69	27	
Ethylbenzene	4.94	0.0250	5.00	ND	98.8	70-130	1.52	26	
Toluene	5.16	0.0250	5.00	ND	103	70-130	1.53	20	
o-Xylene	5.02	0.0250	5.00	ND	100	70-130	1.55	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	1.44	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	1.48	26	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

Volatile Organics by EPA 8021B

Analyst: MB

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

Blank (2605026-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

LCS (2605026-BS1)

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

Benzene	4.64	0.0250	5.00		92.7	70-130			
Ethylbenzene	4.33	0.0250	5.00		86.5	70-130			
Toluene	4.52	0.0250	5.00		90.3	70-130			
o-Xylene	4.42	0.0250	5.00		88.5	70-130			
p,m-Xylene	8.83	0.0500	10.0		88.3	70-130			
Total Xylenes	13.2	0.0250	15.0		88.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike (2605026-MS1)

Source: E601229-03

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

Benzene	4.57	0.0250	5.00	ND	91.5	70-130			
Ethylbenzene	4.30	0.0250	5.00	ND	86.0	70-130			
Toluene	4.47	0.0250	5.00	ND	89.4	70-130			
o-Xylene	4.39	0.0250	5.00	ND	87.7	70-130			
p,m-Xylene	8.80	0.0500	10.0	ND	88.0	70-130			
Total Xylenes	13.2	0.0250	15.0	ND	87.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

Matrix Spike Dup (2605026-MSD1)

Source: E601229-03

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

Benzene	4.72	0.0250	5.00	ND	94.3	70-130	3.06	27	
Ethylbenzene	4.44	0.0250	5.00	ND	88.8	70-130	3.23	26	
Toluene	4.62	0.0250	5.00	ND	92.4	70-130	3.28	20	
o-Xylene	4.52	0.0250	5.00	ND	90.5	70-130	3.08	25	
p,m-Xylene	9.08	0.0500	10.0	ND	90.8	70-130	3.10	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.7	70-130	3.09	26	
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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

Blank (2605017-BLK1)

Prepared: 01/26/26 Analyzed: 01/28/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.25		8.00		103	70-130			

LCS (2605017-BS2)

Prepared: 01/26/26 Analyzed: 01/28/26

Gasoline Range Organics (C6-C10)	41.5	20.0	50.0		83.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			

Matrix Spike (2605017-MS2)

Source: E601226-45

Prepared: 01/26/26 Analyzed: 01/29/26

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.44		8.00		118	70-130			

Matrix Spike Dup (2605017-MSD2)

Source: E601226-45

Prepared: 01/26/26 Analyzed: 01/28/26

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.1	70-130	10.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 28-7 #230M	Reported: 1/30/2026 3:32:33PM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

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

Blank (2605026-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.6	70-130			

LCS (2605026-BS2)

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

Gasoline Range Organics (C6-C10)	44.2	20.0	50.0		88.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			

Matrix Spike (2605026-MS2)

Source: E601229-03

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

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		94.9	70-130			

Matrix Spike Dup (2605026-MSD2)

Source: E601229-03

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

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130	11.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

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

Blank (2605033-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.4		50.0		90.7	61-141			

LCS (2605033-BS1)

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

Diesel Range Organics (C10-C28)	251	25.0	250		100	66-144			
Surrogate: n-Nonane	44.7		50.0		89.3	61-141			

Matrix Spike (2605033-MS1)

Source: E601231-05

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	45.3		50.0		90.6	61-141			

Matrix Spike Dup (2605033-MSD1)

Source: E601231-05

Prepared: 01/26/26 Analyzed: 01/27/26

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156	0.373	20	
Surrogate: n-Nonane	46.7		50.0		93.5	61-141			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2605058-BLK1)

Prepared: 01/27/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.1		50.0		96.2	61-141			

LCS (2605058-BS1)

Prepared: 01/27/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: <i>n</i> -Nonane	49.3		50.0		98.7	61-141			

Matrix Spike (2605058-MS1)

Source: E601229-08

Prepared: 01/27/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	56-156			
Surrogate: <i>n</i> -Nonane	52.5		50.0		105	61-141			

Matrix Spike Dup (2605058-MSD1)

Source: E601229-08

Prepared: 01/27/26 Analyzed: 01/28/26

Diesel Range Organics (C10-C28)	274	25.0	250	ND	109	56-156	0.679	20	
Surrogate: <i>n</i> -Nonane	51.4		50.0		103	61-141			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2605062-BLK1)

Prepared: 01/27/26 Analyzed: 01/28/26

Chloride ND 20.0

LCS (2605062-BS1)

Prepared: 01/27/26 Analyzed: 01/28/26

Chloride 259 20.0 250 104 90-110

Matrix Spike (2605062-MS1)

Source: E601229-05

Prepared: 01/27/26 Analyzed: 01/28/26

Chloride 259 20.0 250 ND 104 80-120

Matrix Spike Dup (2605062-MSD1)

Source: E601229-05

Prepared: 01/27/26 Analyzed: 01/28/26

Chloride 259 20.0 250 ND 104 80-120 0.0181 20



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 28-7 #230M Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 1/30/2026 3:32:33PM
--	--	---

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2605065-BLK1)

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride ND 20.0

LCS (2605065-BS1)

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride 251 20.0 250 101 90-110

Matrix Spike (2605065-MS1)

Source: E601229-24

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride 292 20.0 250 35.0 103 80-120

Matrix Spike Dup (2605065-MSD1)

Source: E601229-24

Prepared: 01/27/26 Analyzed: 01/27/26

Chloride 289 20.0 250 35.0 102 80-120 1.01 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 28-7 #230M	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Kate Kaufman	01/30/26 15:32

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.



Client Information				Invoice Information				Lab Use Only				TAT				State													
Client: <u>Hilcorp Energy Co</u>				Company: _____				Lab WO# <u>E601229</u>		Job Number <u>17051-002</u>		1D		2D		3D		Std		NM		CO		UT		TX			
Project Name: <u>San Juan 28-7 Unit 230M</u>				Address: _____																<input checked="" type="checkbox"/>									
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____																									
Address: _____				Phone: _____																									
City, State, Zip: _____				Email: _____																									
Phone: _____				Miscellaneous: _____																									
Email: <u>kkaufman@hilcorp.com</u>																													

Sample Information										Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Remarks
1143	1/22/26	SOIL	1-202	HA01@ 0-0.5'		1	X	X	X	X													Temp
1145				HA01@ 1'		2																	9.8 4.5 RAS, 1/22/26
1147				HA01@ 2'		3																	4.0
1150				HA01@ 3'		4																	4.8
1153				HA01@ 4'		5																	4.8
1154				HA02@ 0-0.5'		6																	3.9
1156				HA02@ 1'		7																	3.8
1159				HA02@ 2'		8																	2.3
1201				HA02@ 3' ^{TD}		9																	2.8
1203				HA02@ 4'		10																	2.6

Additional Instructions: please cc: wweichert@ensidum, tdembrowski@ensidum.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: Tracy Dembrowski

Relinquished by: (Signature) <u>[Signature]</u>	Date 1/22/26	Time 1700	Received by: (Signature) <u>[Signature]</u>	Date 1/22/26	Time 17:00
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 _____

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.

Chain of Custody

Released to Imaging: 5/1/2026 11:51:35 AM

Received by OCD: 3/4/2026 5:00:13 PM

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: <u>Hilcorp Energy Co</u>				Company: _____				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>San Juan 28-7 Unit 230M</u>				Address: _____				<u>E 601229</u>		<u>17651-0002</u>					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Project Manager: <u>Kate Kaufman</u>				City, State, Zip: _____				City, State, Zip: _____		City, State, Zip: _____									
Address: _____				Phone: _____				Phone: _____		Phone: _____									
City, State, Zip: _____				Email: _____				Email: _____		Email: _____									
Phone: _____				Miscellaneous: _____				Miscellaneous: _____		Miscellaneous: _____									
Email: <u>Kkaufman@hilcorp.com</u>																			

Sample Information										Analysis and Method								EPA Program			Remarks
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	SDWA	CWA	RCRA				
1205	1/22/26	SOIL	1-203	HA03@0-0.5'		11	X	X	X	X								Temp 2.4			
1207				HA03@1'		12												2.3			
1209				HA03@2'		13												2.9			
1211				HA03@3'		14												2.9			
1213				HA03@4'		15												4.1			
1217				FS01		16												2.8			
1219				FS02		17												1.8			
1221				FS03		18												2.7			
1223				FS04		19												2.6			
1227				FS05		20												3.4			

Additional Instructions: Please 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: Tracy Dembrawski

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>1/22/26</u>	Time <u>1700</u>	Received by: (Signature) <u>Kate Lehmy</u>	Date <u>1/22/26</u>	Time <u>17:00</u>	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: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Page 116 of 126

Released to Imaging: 5/1/2026 11:51:35 AM

Page 46 of 47

Received by OCD: 3/4/2026 5:00:13 PM

Client Information		Invoice Information		Lab Use Only		TAT				State					
Client: <u>Hikorp Energy Co</u>		Company: _____		Lab WO# <u>E1601229</u>		Job Number <u>17051000Z</u>		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: <u>San Juan 28-7 Unit 230M</u>		Address: _____		Address: _____								<input checked="" type="checkbox"/>			
Project Manager: <u>Kate Kaufman</u>		City, State, Zip: _____		City, State, Zip: _____											
Address: _____		Phone: _____		Phone: _____											
City, State, Zip: _____		Email: _____		Email: _____											
Phone: _____		Miscellaneous: _____		Miscellaneous: _____											
Email: <u>KKaufman@hikorp.com</u>															

Sample Information							Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	
1229	1/22/26	SOIL	1-2oz	FS06		21	X	X	X		X							Temp
1231				FS07		22												2.1
1235				FS08		23												2.5
1243				SW01		24												1.8
1247				SW02		25												2.1
1251				SW03		26												1.4
1257				SW04		27												1.8
1300				SW05		28												5.1
1303				SW06		29												3.4
																		5.8

Additional Instructions: Please 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: Tracy Dembraw

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>1/22/26</u>	Time <u>1700</u>	Received by: (Signature) <u>[Signature]</u>	Date <u>1/22/26</u>	Time <u>17:00</u>	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: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C _____
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Page 117 of 126

Envirotech Analytical Laboratory

Printed: 1/26/2026 1:50:32PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Hilcorp Energy Co Date Received: 01/22/26 17:00 Work Order ID: E601229
Phone: 505-599-3400 Date Logged In: 01/23/26 11:11 Logged In By: Caitlin Mars
Email: kkaufman@hilcorp.com Due Date: 01/29/26 17:00 (5 day TAT)

Chain of Custody (COC)

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

Carrier: Tracey D.

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/resolution.

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

Date



envirotech Inc.

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 560084

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516149472
Incident Name	NAPP2516149472 SAN JUAN 28-7 UNIT 230M @ 30-039-26091
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-039-26091] SAN JUAN 28 7 UNIT #230M

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SAN JUAN 28-7 UNIT 230M
Date Release Discovered	06/10/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Production Tank Produced Water Released: 32 BBL Recovered: 0 BBL Lost: 32 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: 72 BBL Recovered: 0 BBL Lost: 72 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, Page 2

Action 560084

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	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	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 03/04/2026
--	--

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, Page 3

Action 560084

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	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	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
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 ½ and 1 (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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	379
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	4462
GRO+DRO (EPA SW-846 Method 8015M)	3475
BTEX (EPA SW-846 Method 8021B or 8260B)	34.8
Benzene (EPA SW-846 Method 8021B or 8260B)	2.2

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

On what estimated date will the remediation commence	06/30/2025
On what date will (or did) the final sampling or liner inspection occur	06/30/2025
On what date will (or was) the remediation complete(d)	06/30/2025
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	880
What is the estimated volume (in cubic yards) that will be remediated	130

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

Sante Fe Main Office
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, Page 4

Action 560084

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fSC0000000048 ENVIROTECH
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	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: 03/04/2026
--	--

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 560084

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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, Page 6

Action 560084

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	543634
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2026
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1200

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	1500
What was the total volume (cubic yards) remediated	170
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater.

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 03/04/2026
--	--

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, Page 7

Action 560084

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

Action 560084

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 560084
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling operations.	4/10/2026