ENSOLUM

December 3, 2025

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

Re: Remediation Report and Closure Request
F RPC 19-1
Hilcorp Energy Company
NMOCD Incident No: nAPP2516731623

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 F RPC 19-1 natural gas production well (Site). The Site is located on federal land managed by the United States Bureau of Land Management (BLM), in Unit B, Section 19, Township 29 North, Range 13 West in San Juan County, New Mexico (Figure 1). This report describes the excavation and confirmation soil sampling activities performed at the Site to remediate impacted soil originating from the release.

SITE BACKGROUND

On June 9, 2025 at approximately 9:30 a.m., Hilcorp personnel discovered a release of 12 barrels (bbls) of produced water at the Site. Specifically, while conducting a routine Site inspection, a Hilcorp operator observed a visibly impacted area (measuring approximately 10 feet by 10 feet) originating from a subsurface flowline near a 2-phase separator vessel. Upon further inspection, it was determined a leak had formed in the flowline due to corrosion. At that time, the pumping unit was shut down, and the flowline was secured. All released fluids remained inside secondary containment and around the 2-phase separator vessel. A water truck was dispatched to the Site immediately and recovered approximately 10 bbls of the estimated 12 bbls of produced water. Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on June 16, 2025. The NMOCD has assigned the Site Incident nAPP2516731623.

SITE CHARACTERIZATION

As part of the Site investigation, local geology/hydrogeology and nearby sensitive receptors were assessed in accordance with Title 19, Chapter 15, Part 29, Sections 11 and 12 (19.15.29.11 and 12) of the New Mexico Administrative Code (NMAC). This information is further discussed below.

POTENTIAL SENSITIVE RECEPTORS

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

The nearest significant watercourse to the Site is a dry wash located approximately 75 feet west of the well pad. The nearest fresh water well is NMOSE permitted well SJ-04359-POD6 (Appendix A), located approximately 2,290 feet northwest of the Site with a recorded depth to water of 29 feet below ground surface (bgs). The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake, and greater than 300 feet from any wetland. No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site. The Site is within a 100-year floodplain. The Site is not overlying a subsurface mine or located within an area underlain by unstable geology (area designated as no potential karst by the Bureau of Land Management). Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site. A Site receptor map is shown on Figure 1.

SITE CLOSURE CRITERIA

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

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

DELINEATION AND SOIL SAMPLING ACTIVITIES

Upon discovery of the release, Hilcorp retained Ensolum to conduct hand auger delineation activities on July 18, 2025. In total, eight boreholes (HA01 through HA08) were advanced at the Site using a hand auger to depths up to 4 feet bgs (Figure 2). Borehole HA01 was advanced immediately adjacent to the flowline (source of release) in order to assess the soil with the greatest potential impacts resulting from release. Boreholes HA02 through HA08 were advanced to field screen and delineate the lateral and vertical extents of potential impacts based on observations encountered in HA01. All boreholes were advanced until hand auger refusal was met at depths ranging from 0.5 feet to 4 feet bgs. During delineation activities, Ensolum personnel logged soil lithology and field screened for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID) and chloride using Hach® QuanTab® chloride test strips. Soil descriptions and field screening results were noted in the field book. Photographs taken during delineation activities are provided in Appendix B. Chloride field screening results are also included in Table 1.

Where shallow refusal was not met, at least two soil samples were collected from each borehole in order to delineate the lateral and vertical impacts at the Site: one at the depth interval indicating the greatest chloride concentration based on chloride screening results and a second soil samples collected at the terminus of each borehole. As a result of hand auger refusal, boreholes HA01, HA02, HA07 and HA08 were collected within the top 6 inches of soil and a second sample at depth was not collected. Soil samples were collected directly into laboratory-provided jars and

immediately placed on ice. Samples were submitted to Envirotech Laboratory for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B, TPH following EPA Method 8015M/D, and chloride follow EPA Method 300.0.

Based on laboratory analytical results, BTEX and TPH were not detected in any of the analyzed samples at concentrations exceeding NMOCD Closure Criteria. Chloride concentrations exceeding the NMOCD Closure Criteria were encountered in four soil samples: HA01 at a depth of 0.5 feet bgs, HA02 at a depth of 0.5 feet bgs, HA03 at a depth of 4 feet bgs, and HA04 at a depth of 0.5 feet bgs. Delineation sample results are summarized in Table 1 and on Figure 2, with complete laboratory analytical reports attached as Appendix C.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the delineation sampling activities described above, Hilcorp conducted excavation activities at the Site to remove chloride impacted soil. Initial excavation activities were conducted on October 27 and 28, 2025. Notification to the NMOCD was provided at least two business days prior to conducting remediation and sampling work, with correspondence attached in Appendix D. To direct excavation activities, Ensolum personnel field screened soil for VOCs and chloride using the methods described above.

Once field screening indicated impacted soil had been removed, five-point composite soil samples were collected from the floor (FS01 and FS02) and sidewalls (SW01 through SW04) of the excavation at a frequency not exceeding one sample per 200 square feet. All initial floor samples were collected at a depth of 10 feet bgs and all sidewall samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples were placed into laboratory provided containers and transported under proper chain of custody procedures to Envirotech for analysis of TPH, BTEX, and chloride using the methods described above.

Analytical results from the excavation indicated concentrations of TPH, BTEX, and chloride were compliant with NMOCD Table I Closure Criteria in all confirmation samples except SW01 and SW04. As such, Hilcorp returned to the Site on November 11, 2025 to remove additional soil and resample. Approximately 1-foot of soil were removed from sidewalls SW01 and SW04 to remove remaining chloride impacts. Once removed, these sidewalls were resampled as SW01A and SW04A. Analytical results from this resampling event indicated all sidewall and floor soil samples were compliant with the NMOCD Table I Closure Criteria.

In total, approximately 60 cubic yards of impacted soil was removed from an area of approximately 374 square feet. Soil was transported to the Envirotech Landfarm located in San Jaun County, New Mexico for disposal/treatment. Excavation confirmation soil samples results are summarized in Table 2, with complete laboratory analytical reports also attached as Appendix C. Photographs taken by Ensolum during the excavation work are presented in Appendix B.

CLOSURE REQUEST

Site excavation and sampling activities were conducted at the Site to address the release discovered on June 9, 2025, at the Site. Laboratory analytical results from the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2516731623.

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

Harper Peck
Associate Geologist
(913) 633-3311
hpeck@ensolum.com

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

cc: **Hilcorp**
BLM

Attachments:

Figure 1: Site Location Map
Figure 2: Delineation Soil Sample Map
Figure 3: Excavation Soil Sample Map

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

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

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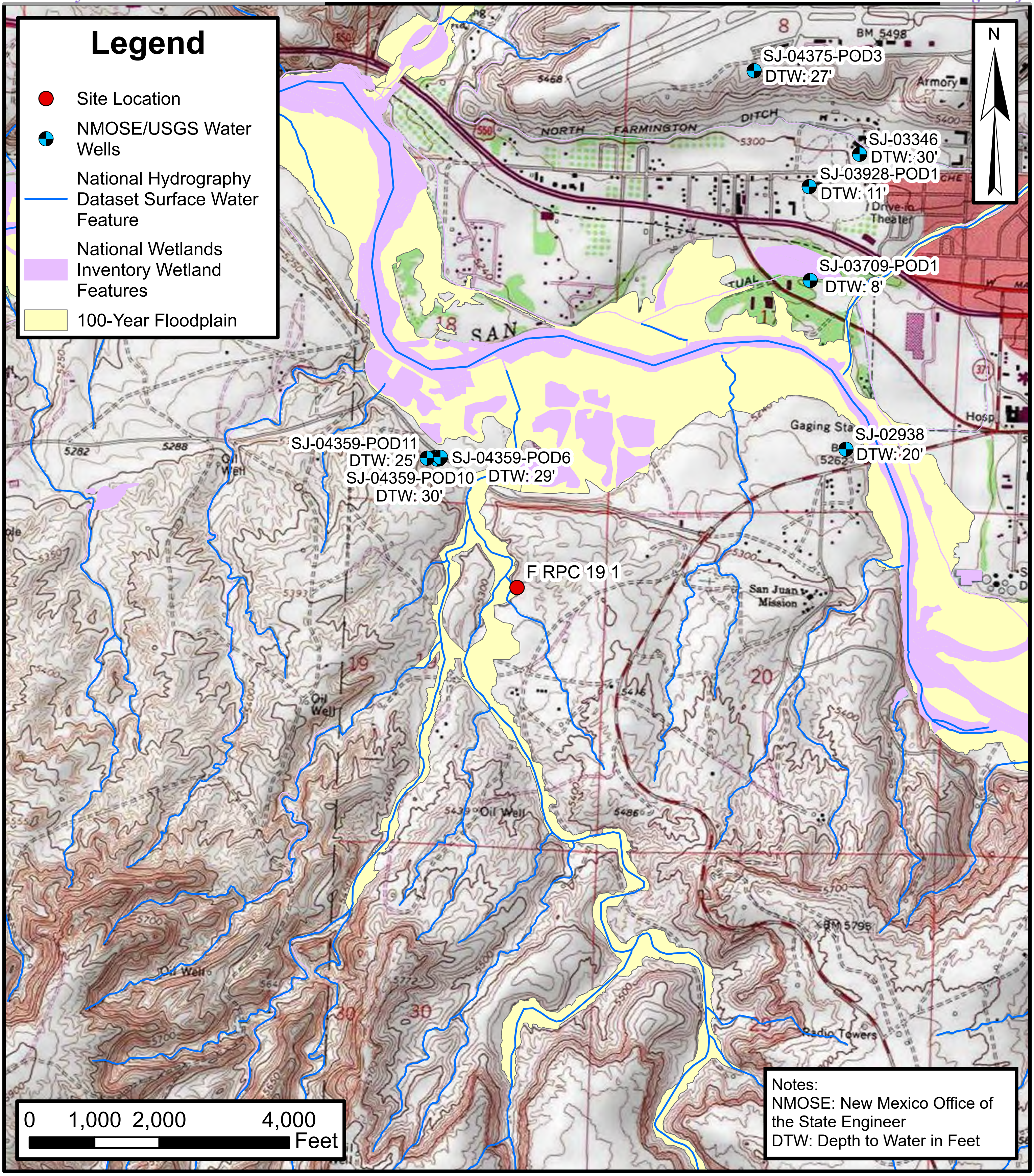
FIGURES



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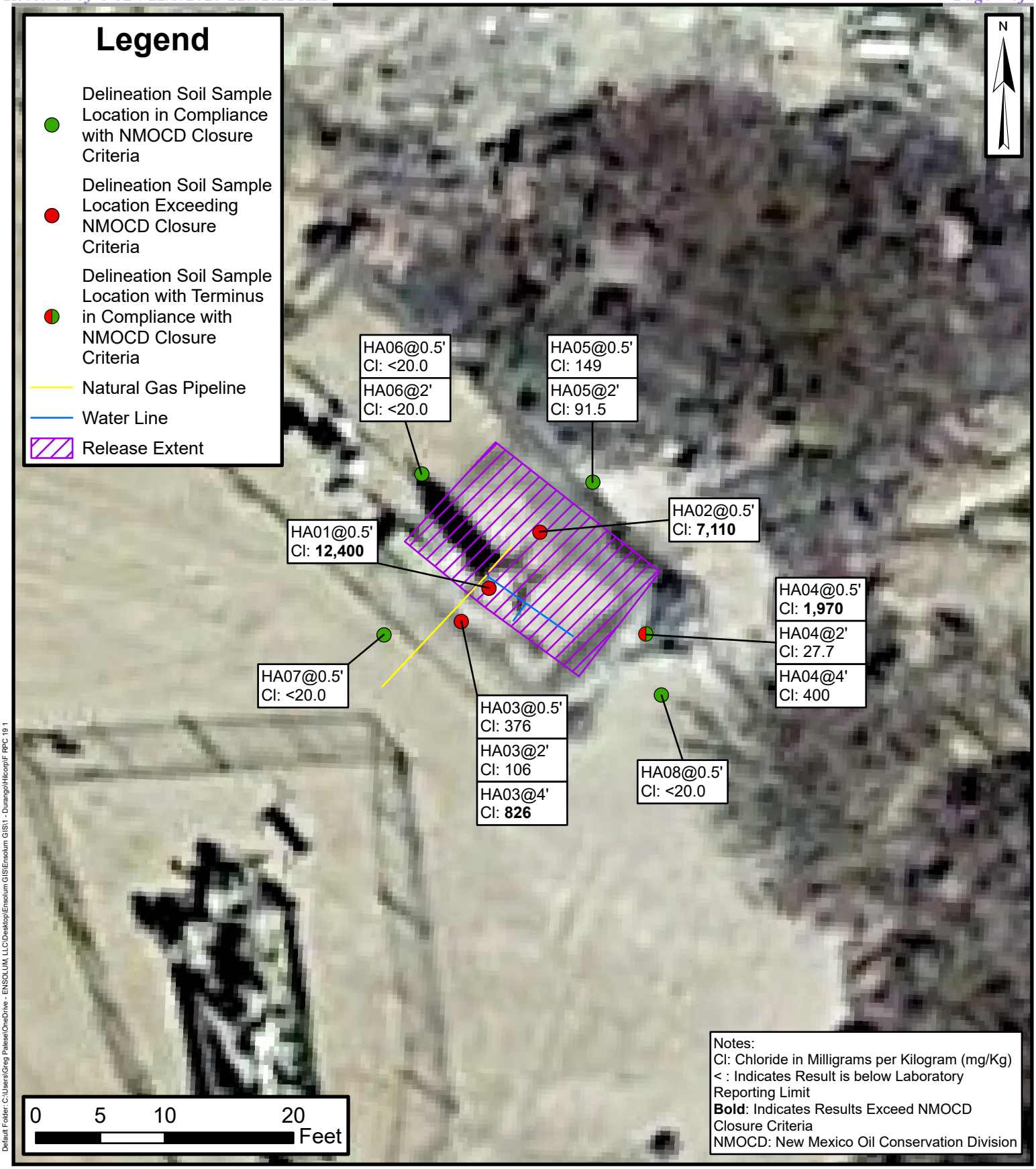
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

F RPC 19 1
Hilcorp Energy Company
36.7156448, -108.2432861
San Juan County, New Mexico

FIGURE
1



Default Folder: C:\Users\Greg Pateset\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\F RPC 19 1

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Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Sample Map

F RPC 19 1
Hilcorp Energy Company
36.7156448, -108.2432861
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth (2019)

Default Folder: C:\Users\Greg Pateset\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\F RPC 19 1

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Excavation Soil Sample Map

F RPC 19 1
Hilcorp Energy Company
36.7156448, -108.2432861
San Juan County, New Mexico

FIGURE
3

Sources: Google Earth (2019)

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TABLES

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TABLE 1
DELINEATION SOIL SAMPLE ANALYTICAL RESULTS
F RPC 19 1
Hilcorp Energy Company
San Juan County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Chloride Field Test (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
HA01@0.5'	7/18/2025	0.5'	>3,438	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	31.5	60.0	91.5	**12,400**
HA02@0.5'	7/18/2025	0.5'	>3,438	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	33.0	<50.0	33.0	**7,110**
HA03@0.5'	7/18/2025	0.5'	>3,438	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	376
HA03@2'	7/18/2025	2'	3,192	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	106
HA03@4'	7/18/2025	4'	431.2	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	**826**
HA04@0.5'	7/18/2025	0.5'	1,977	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	**1,970**
HA04@2'	7/18/2025	2'	<156.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	27.7
HA04@4'	7/18/2025	4'	224	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	400
HA05@0.5'	7/18/2025	0.5'	<156.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	149
HA05@2'	7/18/2025	2'	<156.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	91.5
HA06@0.5'	7/18/2025	0.5'	<156.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
HA06@2'	7/18/2025	2'	<156.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
HA07@0.5'	7/18/2025	0.5'	<156.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
HA08@0.5'	7/18/2025	0.5'	<156.8	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0

Notes:

bgs: Below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
mg/kg: Milligrams per kilogram
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
PID: Photoionization detector
ppm: Parts per million
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
': Feet
< : Indicates result less than the stated laboratory reporting limit (RL)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*

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TABLE 2
EXCAVATION CONFIRMATION SAMPLE ANALYTICAL RESULTS
F RPC 19 1
Hilcorp Energy Company
San Juan County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
Excavation Floor Samples												
FS01 @ 10'	10/28/2025	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	268
FS02 @ 10'	10/28/2025	10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	118
Excavation Sidewall Samples												
~~SW01 @ 0-10'~~	~~10/28/2025~~	~~0 - 10~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~879~~
SW01A @ 0-10'	11/10/2025	0 - 10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.1	<25.1	<50.0	<50.0	97.2
SW02 @ 0-10'	10/28/2025	0 - 10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	183
SW03 @ 0-10'	10/28/2025	0 - 10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	287
~~SW04 @ 0-10'~~	~~10/28/2025~~	~~0 - 10~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~1,200~~
SW04A @ 0-10'	11/10/2025	0 - 10	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.1	<25.1	<50.0	<50.0	<20.0

Notes:

bgs: Below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
mg/kg: Milligrams per kilogram
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
ppm: Parts per million
~~Grey~~ and strikethrough text represents soil sample areas that have been excavated
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
': Feet
<: Indicates result less than the stated laboratory reporting limit (RL)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*

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APPENDIX A

Depth to Water Determination

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEERS OFFICE
ALBUQUERQUE, NEW MEXICO

2019 SEP 25 PM 4:11

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.): SJ-4359 POD 6 MW 06 LT 330	WELL TAG ID NO.: NA	OSE FILE NO(S).: SJ-4359 POD A-8
WELL OWNER NAME(S): HILCORP ENERGY COMPANY		PHONE (OPTIONAL): 505-324-5128
WELL OWNER MAILING ADDRESS: 382 COUNTY ROAD 3100		CITY: AZTEC STATE: NM ZIP: 87401

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	36.721113			N
LONGITUDE	-108.247606			W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

SALTY DOG WATER GATHERING SYSTEM NORTH OF THE UPPER FRUITLAND HIGHWAY & SOUTH OF THE SAN JUAN RIVER.

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD 1186	RODNEY HAMMER	ENVIRO-DRILL, INC.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
08/29/19	09/05/19	35'	35'	29'

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): 29'

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: HSA

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
35	25	8"	PVC	flush thread	2	Sch. 40	.010
35	0	↓	↓	↓	↓	↓	riser

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
35	23	8"	10-20 Silica Sand	8	tremie
23	21	↓	bentonite chips	1	
21	0	↓	bentonite cement grout	35 gal.	↓

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO.	SJ-4359	POD NO.	6	TRN NO.	680852
LOCATION	29N.13W.18.342	WELL TAG ID NO.		PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
				Y N	
			See attached boring log	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

STATE ENGINEERS OFFICE ALBUQUERQUE, NEW MEXICO 2019 SEP 25 PM 4:11

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: monitor well

TOTAL ESTIMATED WELL YIELD (gpm): 0.00 N/A

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

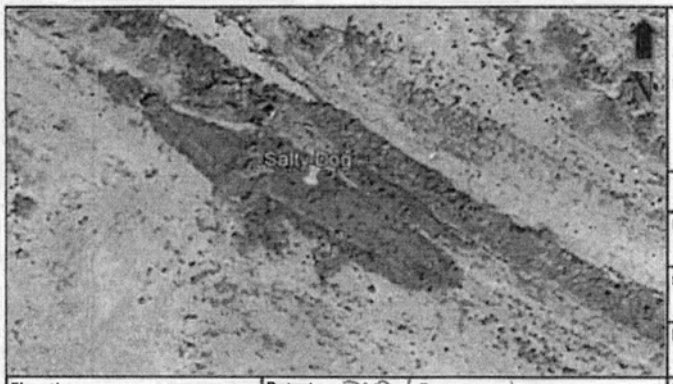
THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

Rodney Hammer — 9-25-19

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. SJ-4359	POD NO. 6	TRN NO.	
LOCATION 29N.13W.18.342		WELL TAG ID NO.	PAGE 2 OF 2



Advancing Opportunity

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number: MW06	Project: Salty Dog
Date: 8.28.19	Project Number: 017819014
Logged By: CM	Drilled By: Enviro-Drill
Elevation: 5,258'	Detector: PID/quantab chloride tabs
Drilling Method: Hollow Stem Auger	Sampling Method: Split Spoon
Gravel Pack: 10-20 Silica Sand 23'-35'	Seal: Hydrated Bentonite Chips
Grout: Bentonite-Cement Slurry 0'-2'	
Casing Type: Schedule 40 PVC 0'-25'	Diameter: 2" Length: 25'
Hole Diameter: 8"	Depth to Liquid:
Screen Type: Schedule 40 PVC Slot: 0.010" 25'-35'	Diameter: 2" Length: 10'
Total Depth: 35'	Depth to Water: 29'

Penetration Resistance	Moisture Content	Vapor (ppm)	HC Staining?	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion
	Dry	3.6	No		0–5	1		SM	Brown fine silty sand Cl = <30ppm	Stick-up
	moist	30	No		6–10	2		SM	Brown fine silty sand with gravel Cl = 360ppm	
	Dry	2.4	No		11–15	3		SM	SAA Cl = <30ppm	

Advancing Opportunity

Boring/Well #	MW06
Project:	Salty Dog
Project #	017819014
Date	8.28.19

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample #	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion
	moist	1.3	No		15–20	4		SM	SAA Cl = 300ppm	
	Dry	1.7	No		21–25	5		SM	SAA Cl = 230ppm	
	Wet	1.9	No	MW06 25'-30'	26–30	6		SM	Brown silty sand Cl = 1370ppm GW @ 29'	
	Dry	0.8	No	MW06 30'-35'	31–35	7			Gray silt. compact Cl = 1370ppm	
					36–37				TD = 35' HIT GW @ 29'	

STATE ENGINEERS OFFICE ALBUQUERQUE, NEW MEXICO 2019 SEP 25 PM 4:11

= Sand = Screen = Casing = Bentonite-cement Slurry

= Ground water

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

2019 DEC -9 PM 2:50

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD-13	MW-13	SJ-4359

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Jennifer Deal	505-324-5128

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
382 CR 3100	Aztec	NM	87401

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	36	43'16	27	N
	LONGITUDE	-108	14'51	09	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1664	Shawn Cain	Cascade Drilling

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
10/21/19	10/21/19	40	40	20

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☐ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): 20

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Sonic

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0	30	6"					
0	30		4" PVC Blank	Sch 40 Flush Thread	4.5	.0237"	
30	40		4" PVC Screen	Sch 40 Flush Thread	4.5	.0237	.010

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
0	23	6"	Cement bentonite Grout	2.55	Poured
23	28	6"	Bentonite Chips	.98	Tremie Pumped
28	40	6"	Sand 10/20	2.36	Poured

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. SJ-4359	POD NO. 13	TRN NO. 686199
LOCATION 29N.13W.18.414	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	40	40	Sandy, silts, Brown,	Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

2019 DEC -9 PM 2:50
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION:

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Shawn Cain — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

11-18-19 — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 06/30/2017)

FILE NO. 55-4359	POD NO. 13	TRN NO.	
LOCATION 29N.13W.18.414		WELL TAG ID NO.	PAGE 2 OF 2

ENSOLUM

APPENDIX B

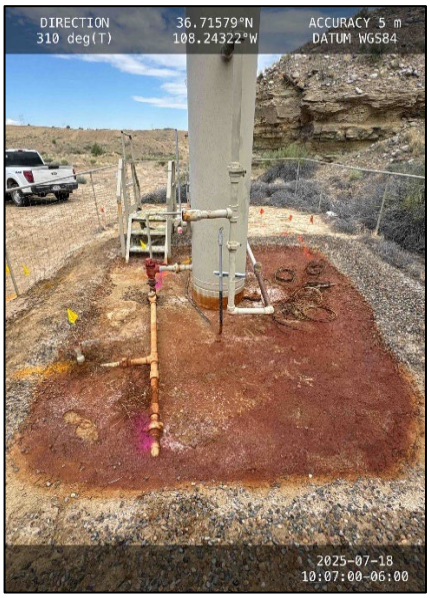
Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
F RPC 19 1
San Juan County, New Mexico

Photograph: 1 Date: 7/18/2025
Description: Release extent with surface utilities

View: East



Photograph: 2 Date: 7/18/2025
Description: Release extent with surface utilities

View: Northwest

Photograph: 3 Date: 7/18/2025
Description: Release point

View: Northeast

Photograph: 4 Date: 7/18/2025
Description: Release extent within berm

View: Southeast

ENSOLUM

Photographic Log
Client
Site Name
County, State

Photograph: 5 Date: 10/28/2025
Description: Excavation extent

View: Northeast

Photograph: 6 Date: 10/28/2025
Description: Excavation extent

View: Southeast

Photograph: 7 Date: 11/10/2025
Description: Final excavation extent after removing additional sidewall soil

View: Southwest

Photograph: 8 Date: 11/10/2025
Description: Final excavation extent after removing additional sidewall soil. Rainwater has accumulated in the floor of the excavation.

View: West

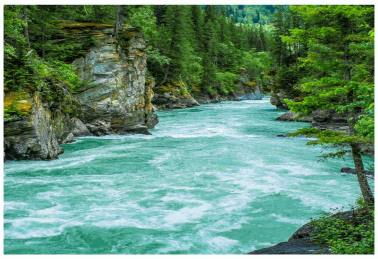
ENSOLUM

APPENDIX C

Laboratory Analytical Reports

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	F RPC 19 1
Work Order:	E507247
Job Number:	1701-0002
Received:	7/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/28/25

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

Date Reported: 7/28/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: F RPC 19 1
Workorder: E507247
Date Received: 7/18/2025 4:04:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/18/2025 4:04:00PM, under the Project Name: F RPC 19 1.

The analytical test results summarized in this report with the Project Name: F RPC 19 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Hilcorp Energy Co	Project Name:	F RPC 19 1	**Reported:**
PO Box 61529	Project Number:	1701-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	07/28/25 12:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA01 @ 0.5'	E507247-01A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA02 @ 0.5'	E507247-02A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA03 @ 0.5'	E507247-03A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA03 @ 2'	E507247-04A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA03 @ 4'	E507247-05A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA04 @ 0.5'	E507247-06A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA04 @ 2'	E507247-07A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA04 @ 4'	E507247-08A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA05 @ 0.5'	E507247-09A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA05 @ 2'	E507247-10A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA06 @ 0.5'	E507247-11A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA06 @ 2'	E507247-12A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA07 @ 0.5'	E507247-13A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.
HA08 @ 0.5'	E507247-14A	Soil	07/18/25	07/18/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA01 @ 0.5'

E507247-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/23/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/23/25	
Toluene	ND	0.0250	1	07/23/25	07/23/25	
o-Xylene	ND	0.0250	1	07/23/25	07/23/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/23/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	**31.5**	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	**60.0**	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*85.5 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**12400**	200	10	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA02 @ 0.5'

E507247-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/23/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/23/25	
Toluene	ND	0.0250	1	07/23/25	07/23/25	
o-Xylene	ND	0.0250	1	07/23/25	07/23/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/23/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	**33.0**	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*84.2 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**7110**	200	10	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA03 @ 0.5'

E507247-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/23/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/23/25	
Toluene	ND	0.0250	1	07/23/25	07/23/25	
o-Xylene	ND	0.0250	1	07/23/25	07/23/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/23/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*86.2 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**376**	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA03 @ 2'

E507247-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*90.5 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**106**	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA03 @ 4'

E507247-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*86.2 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**826**	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA04 @ 0.5'

E507247-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/23/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/23/25	
Toluene	ND	0.0250	1	07/23/25	07/23/25	
o-Xylene	ND	0.0250	1	07/23/25	07/23/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/23/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/23/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*07/23/25*	*07/23/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*83.0 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**1970**	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA04 @ 2'

E507247-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.5 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*83.8 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**27.7**	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA04 @ 4'

E507247-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.0 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*88.6 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**400**	40.0	2	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA05 @ 0.5'

E507247-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*87.0 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**149**	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA05 @ 2'

E507247-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.6 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*85.5 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	**91.5**	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA06 @ 0.5'

E507247-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/25/25	
Surrogate: n-Nonane		*84.2 %*	*61-141*	*07/25/25*	*07/25/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	ND	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA06 @ 2'

E507247-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*83.8 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	ND	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA07 @ 0.5'

E507247-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*84.1 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	ND	20.0	1	07/24/25	07/25/25	

Sample Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

HA08 @ 0.5'

E507247-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Benzene	ND	0.0250	1	07/23/25	07/24/25	
Ethylbenzene	ND	0.0250	1	07/23/25	07/24/25	
Toluene	ND	0.0250	1	07/23/25	07/24/25	
o-Xylene	ND	0.0250	1	07/23/25	07/24/25	
p,m-Xylene	ND	0.0500	1	07/23/25	07/24/25	
Total Xylenes	ND	0.0250	1	07/23/25	07/24/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2530072
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/23/25	07/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*07/23/25*	*07/24/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2530167
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/25	07/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/25	07/26/25	
Surrogate: n-Nonane		*84.8 %*	*61-141*	*07/25/25*	*07/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: CB			Batch: 2530126
Chloride	ND	20.0	1	07/24/25	07/25/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	**Reported:**
PO Box 61529	Project Number:	1701-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530072-BLK1)									Prepared: 07/23/25 Analyzed: 07/23/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.22*		*8.00*		*103*	*70-130*			
LCS (2530072-BS1)									Prepared: 07/23/25 Analyzed: 07/23/25
Benzene	5.03	0.0250	5.00		101	70-130			
Ethylbenzene	4.88	0.0250	5.00		97.6	70-130			
Toluene	4.97	0.0250	5.00		99.4	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.81	0.0500	10.0		98.1	70-130			
Total Xylenes	14.6	0.0250	15.0		97.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.17*		*8.00*		*102*	*70-130*			
Matrix Spike (2530072-MS1)				**Source: E507247-06**					Prepared: 07/23/25 Analyzed: 07/23/25
Benzene	5.89	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.69	0.0250	5.00	ND	114	70-130			
Toluene	5.81	0.0250	5.00	ND	116	70-130			
o-Xylene	5.58	0.0250	5.00	ND	112	70-130			
p,m-Xylene	11.4	0.0500	10.0	ND	114	70-130			
Total Xylenes	17.0	0.0250	15.0	ND	113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.13*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2530072-MSD1)				**Source: E507247-06**					Prepared: 07/23/25 Analyzed: 07/23/25
Benzene	5.54	0.0250	5.00	ND	111	70-130	6.20	27	
Ethylbenzene	5.36	0.0250	5.00	ND	107	70-130	5.83	26	
Toluene	5.47	0.0250	5.00	ND	109	70-130	6.05	20	
o-Xylene	5.26	0.0250	5.00	ND	105	70-130	5.96	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	5.68	23	
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130	5.77	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.12*		*8.00*		*101*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	**Reported:**
PO Box 61529	Project Number:	1701-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530072-BLK1)									Prepared: 07/23/25 Analyzed: 07/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2530072-BS2)									Prepared: 07/23/25 Analyzed: 07/23/25
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0		80.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.49*		*8.00*		*93.6*	*70-130*			
Matrix Spike (2530072-MS2)				**Source: E507247-06**					Prepared: 07/23/25 Analyzed: 07/23/25
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	81.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike Dup (2530072-MSD2)				**Source: E507247-06**					Prepared: 07/23/25 Analyzed: 07/23/25
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.5	70-130	1.91	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.48*		*8.00*		*93.4*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	**Reported:**
PO Box 61529	Project Number:	1701-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530167-BLK1)									Prepared: 07/25/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.2*		*50.0*		*86.4*	*61-141*			
LCS (2530167-BS1)									Prepared: 07/25/25 Analyzed: 07/25/25
Diesel Range Organics (C10-C28)	245	25.0	250		98.1	66-144			
Surrogate: n-Nonane	*45.0*		*50.0*		*89.9*	*61-141*			
Matrix Spike (2530167-MS1)				**Source: E507247-11**					Prepared: 07/25/25 Analyzed: 07/26/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	56-156			
Surrogate: n-Nonane	*44.1*		*50.0*		*88.1*	*61-141*			
Matrix Spike Dup (2530167-MSD1)				**Source: E507247-11**					Prepared: 07/25/25 Analyzed: 07/26/25
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.3	56-156	0.640	20	
Surrogate: n-Nonane	*44.0*		*50.0*		*88.0*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	F RPC 19 1	**Reported:**
PO Box 61529	Project Number:	1701-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/28/2025 12:09:36PM

Anions by EPA 300.0/9056A

Analyst: CB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2530126-BLK1)									Prepared: 07/24/25 Analyzed: 07/25/25
Chloride	ND	20.0							
LCS (2530126-BS1)									Prepared: 07/24/25 Analyzed: 07/25/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2530126-MS1)				**Source: E507247-03**					Prepared: 07/24/25 Analyzed: 07/25/25
Chloride	611	20.0	250	376	94.1	80-120			
Matrix Spike Dup (2530126-MSD1)				**Source: E507247-03**					Prepared: 07/24/25 Analyzed: 07/25/25
Chloride	648	20.0	250	376	109	80-120	5.93	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:	F RPC 19 1	
PO Box 61529	Project Number:	1701-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	07/28/25 12:09

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company:	Lab WO# E507247	Job Number 17051-0002	1D 2D 3D Std: Std
Project Name: F RPC 19 1	Address: SAME AS			NM CO UT TX: NM
Project Manager: mkillough@hilcorp.com	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous: shyde@ensolum.com mkillough@hilcorp.com			
Email: mkillough@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Sample Temp	Remarks
1055	7/18/25	soil	one 402	HA01 @ 0.5'		1	X	X	X		X				3.7	
1105				HA02 @ 0.5'		2									3.8	
1200				HA03 @ 0.5'		3									4.1	
1207				HA03 @ 2'		4									4.3	
1232				HA03 @ 4'		5									4.0	
1241				HA04 @ 0.5'		6									4.5	
1247				HA04 @ 2'		7									4.7	
1255				HA04 @ 4'		8									4.9	
1319				HA05 @ 0.5'		9									4.8	
1321				HA05 @ 2'		10									4.5	

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: cc: shyde@ensolum.com hpeck@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: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	7/18/25	1604	Courtney Moran	7.18.25	1604
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.

envirotech

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company:	Lab WO# E507247	Job Number 17051-0002	1D 2D 3D Std: Std	NM CO UT TX: NM
Project Name: F RPC 191	Address: SAME			
Project Manager: mkillough@hilcorp.com	City, State, Zip: AS			
Address:	Phone: CLIENT			
City, State, Zip:	Email:			
Phone:	Miscellaneous: mkillough@hilcorp.com, shyde@ensolum.com			
Email: mkillough@hilcorp.com				

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				SDWA / CWA / RCRA	
																		Compliance Y or N	
																		PWSID #	
1343	7/18/25	Soil	one 4oz	HA06 @ 0.5'		11	X	X	X		X						4.1	Sample Temp	Remarks
1349				HA06 @ 2'		12	X	X	X		X						4.3		
1401				HA07 @ 0.5'		13	X	X	X		X						4.0		
1403				HA08 @ 0.5'		14	X	X	X		X						3.9		

Additional Instructions: cc: shyde@ensolum.com hpeck@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: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	7/18/25	1604	Caitlin Mann	7.18.25	1604

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.

envirotech

Envirotech Analytical Laboratory

Printed: 7/21/2025 2:23:40PM

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:	07/18/25 16:04	Work Order ID:	E507247
Phone:	-	Date Logged In:	07/21/25 14:15	Logged In By:	Noe Soto
Email:	mkillough@hilcorp.com	Due Date:	07/25/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Harper Peck
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

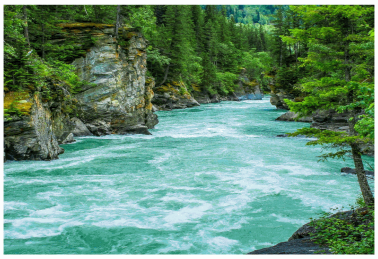
Signature of client authorizing changes to the COC or sample disposition.

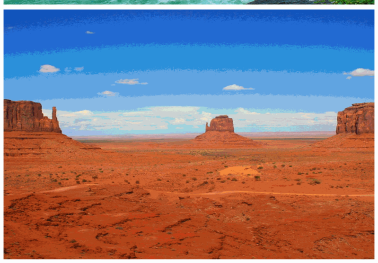
Date

envirotech Inc.

Report to:

Mitch Killough





5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	FRPC 19-1
Work Order:	E510339
Job Number:	17051-0002
Received:	10/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/3/25

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

Date Reported: 11/3/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: FRPC 19-1
Workorder: E510339
Date Received: 10/28/2025 12:41:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/28/2025 12:41:00PM, under the Project Name: FRPC 19-1.

The analytical test results summarized in this report with the Project Name: FRPC 19-1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/03/25 09:35

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 @ 10'	E510339-01A	Soil	10/28/25	10/28/25	Glass Jar, 2 oz.
FS02 @ 10'	E510339-02A	Soil	10/28/25	10/28/25	Glass Jar, 2 oz.
SW01 @ 0-10'	E510339-03A	Soil	10/28/25	10/28/25	Glass Jar, 2 oz.
SW02 @ 0-10'	E510339-04A	Soil	10/28/25	10/28/25	Glass Jar, 2 oz.
SW03 @ 0-10'	E510339-05A	Soil	10/28/25	10/28/25	Glass Jar, 2 oz.
SW04 @ 0-10'	E510339-06A	Soil	10/28/25	10/28/25	Glass Jar, 2 oz.

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

FS01 @ 10'

E510339-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Benzene	ND	0.0250	1	10/29/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/29/25	10/29/25	
Toluene	ND	0.0250	1	10/29/25	10/29/25	
o-Xylene	ND	0.0250	1	10/29/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/29/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/29/25	10/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/25	10/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.9 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2544113
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/30/25	
Surrogate: n-Nonane		*97.9 %*	*61-141*	*10/30/25*	*10/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2544131
Chloride	**268**	20.0	1	10/30/25	10/30/25	

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

FS02 @ 10'

E510339-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Benzene	ND	0.0250	1	10/29/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/29/25	10/29/25	
Toluene	ND	0.0250	1	10/29/25	10/29/25	
o-Xylene	ND	0.0250	1	10/29/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/29/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/29/25	10/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.7 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/25	10/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2544113
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/30/25	
Surrogate: n-Nonane		*96.3 %*	*61-141*	*10/30/25*	*10/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2544131
Chloride	**118**	40.0	2	10/30/25	10/30/25	

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

SW01 @ 0-10'

E510339-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Benzene	ND	0.0250	1	10/29/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/29/25	10/29/25	
Toluene	ND	0.0250	1	10/29/25	10/29/25	
o-Xylene	ND	0.0250	1	10/29/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/29/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/29/25	10/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.1 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/25	10/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.6 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2544113
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/30/25	
Surrogate: n-Nonane		*94.3 %*	*61-141*	*10/30/25*	*10/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2544131
Chloride	**879**	20.0	1	10/30/25	10/30/25	

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

SW02 @ 0-10'

E510339-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Benzene	ND	0.0250	1	10/29/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/29/25	10/29/25	
Toluene	ND	0.0250	1	10/29/25	10/29/25	
o-Xylene	ND	0.0250	1	10/29/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/29/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/29/25	10/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.0 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/25	10/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2544113
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/30/25	
Surrogate: n-Nonane		*96.3 %*	*61-141*	*10/30/25*	*10/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2544131
Chloride	**183**	20.0	1	10/30/25	10/30/25	

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

SW03 @ 0-10'

E510339-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Benzene	ND	0.0250	1	10/29/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/29/25	10/29/25	
Toluene	ND	0.0250	1	10/29/25	10/29/25	
o-Xylene	ND	0.0250	1	10/29/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/29/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/29/25	10/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.2 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/25	10/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.2 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2544113
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/30/25	
Surrogate: n-Nonane		*96.0 %*	*61-141*	*10/30/25*	*10/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2544131
Chloride	**287**	20.0	1	10/30/25	10/30/25	

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

SW04 @ 0-10'

E510339-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Benzene	ND	0.0250	1	10/29/25	10/29/25	
Ethylbenzene	ND	0.0250	1	10/29/25	10/29/25	
Toluene	ND	0.0250	1	10/29/25	10/29/25	
o-Xylene	ND	0.0250	1	10/29/25	10/29/25	
p,m-Xylene	ND	0.0500	1	10/29/25	10/29/25	
Total Xylenes	ND	0.0250	1	10/29/25	10/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*89.7 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2544086
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/25	10/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*10/29/25*	*10/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2544113
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/25	10/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/25	10/30/25	
Surrogate: n-Nonane		*94.0 %*	*61-141*	*10/30/25*	*10/30/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2544131
Chloride	**1200**	20.0	1	10/30/25	10/30/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2544086-BLK1)									Prepared: 10/29/25 Analyzed: 10/29/25
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	*7.50*		*8.00*		*93.8*	*70-130*			
LCS (2544086-BS1)									Prepared: 10/29/25 Analyzed: 10/29/25
Benzene	4.73	0.0250	5.00		94.6	70-130			
Ethylbenzene	4.50	0.0250	5.00		90.1	70-130			
Toluene	4.66	0.0250	5.00		93.3	70-130			
o-Xylene	4.61	0.0250	5.00		92.3	70-130			
p,m-Xylene	9.20	0.0500	10.0		92.0	70-130			
Total Xylenes	13.8	0.0250	15.0		92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.4*	*70-130*			
Matrix Spike (2544086-MS1)				**Source: E510339-05**					Prepared: 10/29/25 Analyzed: 10/29/25
Benzene	4.93	0.0250	5.00	ND	98.7	70-130			
Ethylbenzene	4.72	0.0250	5.00	ND	94.3	70-130			
Toluene	4.87	0.0250	5.00	ND	97.5	70-130			
o-Xylene	4.83	0.0250	5.00	ND	96.7	70-130			
p,m-Xylene	9.61	0.0500	10.0	ND	96.1	70-130			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.4*	*70-130*			
Matrix Spike Dup (2544086-MSD1)				**Source: E510339-05**					Prepared: 10/29/25 Analyzed: 10/29/25
Benzene	4.70	0.0250	5.00	ND	94.0	70-130	4.84	27	
Ethylbenzene	4.50	0.0250	5.00	ND	89.9	70-130	4.82	26	
Toluene	4.63	0.0250	5.00	ND	92.7	70-130	5.05	20	
o-Xylene	4.59	0.0250	5.00	ND	91.9	70-130	5.10	25	
p,m-Xylene	9.18	0.0500	10.0	ND	91.8	70-130	4.57	23	
Total Xylenes	13.8	0.0250	15.0	ND	91.9	70-130	4.75	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.38*		*8.00*		*92.3*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2544086-BLK1)									Prepared: 10/29/25 Analyzed: 10/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.30*		*8.00*		*91.2*	*70-130*			
LCS (2544086-BS2)									Prepared: 10/29/25 Analyzed: 10/29/25
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.14*		*8.00*		*89.3*	*70-130*			
Matrix Spike (2544086-MS2)				**Source: E510339-05**					Prepared: 10/29/25 Analyzed: 10/29/25
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.02*		*8.00*		*87.7*	*70-130*			
Matrix Spike Dup (2544086-MSD2)				**Source: E510339-05**					Prepared: 10/29/25 Analyzed: 10/29/25
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130	7.99	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.29*		*8.00*		*91.2*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2544113-BLK1)									Prepared: 10/30/25 Analyzed: 10/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.0*		*50.0*		*94.1*	*61-141*			
LCS (2544113-BS1)									Prepared: 10/30/25 Analyzed: 10/30/25
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: n-Nonane	*45.2*		*50.0*		*90.5*	*61-141*			
Matrix Spike (2544113-MS1)				**Source: E510339-04**					Prepared: 10/30/25 Analyzed: 10/30/25
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.4*	*61-141*			
Matrix Spike Dup (2544113-MSD1)				**Source: E510339-04**					Prepared: 10/30/25 Analyzed: 10/30/25
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	56-156	1.13	20	
Surrogate: n-Nonane	*47.9*		*50.0*		*95.9*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/3/2025 9:35:46AM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2544131-BLK1)									Prepared: 10/30/25 Analyzed: 10/30/25
Chloride	ND	20.0							
LCS (2544131-BS1)									Prepared: 10/30/25 Analyzed: 10/30/25
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2544131-MS1)				**Source: E510336-03**					Prepared: 10/30/25 Analyzed: 10/30/25
Chloride	277	20.0	250	ND	111	80-120			
Matrix Spike Dup (2544131-MSD1)				**Source: E510336-03**					Prepared: 10/30/25 Analyzed: 10/30/25
Chloride	277	20.0	250	ND	111	80-120	0.181	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:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/03/25 09:35

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only		TAT				State				
Client: Hilcorp Energy Company	Company:	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: FRPC 19-1	Address: SAME AS	E510339	17051-0002				X	X				
Project Manager: Moran Killough	City, State, Zip: CLIENT											
Address:	Phone:											
City, State, Zip:	Email:											
Phone:	Miscellaneous:											
Email: mkillough@hilcorp.com												

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			SDWA	CWA	RCRA
1045	10/28/25	soil	one 4oz	FS01 @ 10'		1	X	X	X		X						Compliance	Y	or N
1047				FS02 @ 10'		2	X	X	X		X						PWSID #		
1049				SW01 @ 0-10'		3	X	X	X		X						Remarks		
1052				SW02 @ 0-10'		4	X	X	X		X								
1055				SW03 @ 0-10'		5	X	X	X		X								
1057				SW04 @ 0-10'		6	X	X	X		X								

5.8 | 5.6 | 5.5 | 5.4 | 5.9 | 5.9

Additional Instructions: cc: shyde@ensolum.com, wweichert@ensolum.com, hpeck@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: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	10/28/25	1238	[signature]	10/28/25	12:41

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.

envirotech

Envirotech Analytical Laboratory

Printed: 10/28/2025 1:11:35PM

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:	10/28/25 12:41	Work Order ID:	E510339
Phone:	-	Date Logged In:	10/28/25 13:03	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	11/04/25 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Harper Peck
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

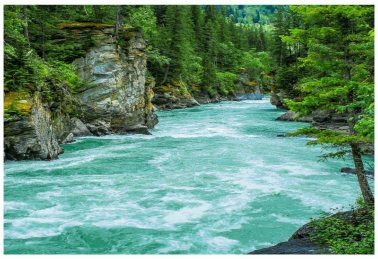
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	FRPC 19-1
Work Order:	E511106
Job Number:	17051-0002
Received:	11/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/12/25

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

Date Reported: 11/12/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: FRPC 19-1
Workorder: E511106
Date Received: 11/10/2025 12:14:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/10/2025 12:14:00PM, under the Project Name: FRPC 19-1.

The analytical test results summarized in this report with the Project Name: FRPC 19-1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/25 14:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01A	E511106-01A	Soil	11/10/25	11/10/25	Glass Jar, 2 oz.
SW04A	E511106-02A	Soil	11/10/25	11/10/25	Glass Jar, 2 oz.

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/2025 2:02:32PM

SW01A

E511106-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2546013
Benzene	ND	0.0250	1	11/10/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/10/25	11/11/25	
Toluene	ND	0.0250	1	11/10/25	11/11/25	
o-Xylene	ND	0.0250	1	11/10/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/10/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/10/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*11/10/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2546013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.2 %*	*70-130*	*11/10/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2546043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*11/11/25*	*11/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546004
Chloride	**97.2**	20.0	1	11/10/25	11/11/25	

Sample Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/2025 2:02:32PM

SW04A

E511106-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2546013
Benzene	ND	0.0250	1	11/10/25	11/11/25	
Ethylbenzene	ND	0.0250	1	11/10/25	11/11/25	
Toluene	ND	0.0250	1	11/10/25	11/11/25	
o-Xylene	ND	0.0250	1	11/10/25	11/11/25	
p,m-Xylene	ND	0.0500	1	11/10/25	11/11/25	
Total Xylenes	ND	0.0250	1	11/10/25	11/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*115 %*	*70-130*	*11/10/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2546013
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/10/25	11/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*11/10/25*	*11/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2546043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/11/25	11/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/11/25	11/11/25	
Surrogate: n-Nonane		*117 %*	*61-141*	*11/11/25*	*11/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546004
Chloride	ND	20.0	1	11/10/25	11/11/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/2025 2:02:32PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2546013-BLK1)									Prepared: 11/10/25 Analyzed: 11/11/25
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	*9.49*		*8.00*		*119*	*70-130*			
LCS (2546013-BS1)									Prepared: 11/10/25 Analyzed: 11/11/25
Benzene	4.78	0.0250	5.00		95.6	70-130			
Ethylbenzene	4.60	0.0250	5.00		91.9	70-130			
Toluene	4.68	0.0250	5.00		93.7	70-130			
o-Xylene	4.71	0.0250	5.00		94.2	70-130			
p,m-Xylene	9.39	0.0500	10.0		93.9	70-130			
Total Xylenes	14.1	0.0250	15.0		94.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.44*		*8.00*		*118*	*70-130*			
Matrix Spike (2546013-MS1)				**Source: E511080-01**					Prepared: 11/10/25 Analyzed: 11/11/25
Benzene	4.61	0.0250	5.00	ND	92.2	70-130			
Ethylbenzene	4.43	0.0250	5.00	ND	88.6	70-130			
Toluene	4.51	0.0250	5.00	ND	90.2	70-130			
o-Xylene	4.53	0.0250	5.00	ND	90.6	70-130			
p,m-Xylene	9.05	0.0500	10.0	ND	90.5	70-130			
Total Xylenes	13.6	0.0250	15.0	ND	90.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.54*		*8.00*		*119*	*70-130*			
Matrix Spike Dup (2546013-MSD1)				**Source: E511080-01**					Prepared: 11/10/25 Analyzed: 11/11/25
Benzene	4.60	0.0250	5.00	ND	91.9	70-130	0.292	27	
Ethylbenzene	4.44	0.0250	5.00	ND	88.7	70-130	0.219	26	
Toluene	4.50	0.0250	5.00	ND	90.1	70-130	0.165	20	
o-Xylene	4.55	0.0250	5.00	ND	91.0	70-130	0.366	25	
p,m-Xylene	9.06	0.0500	10.0	ND	90.6	70-130	0.152	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.7	70-130	0.223	26	
Surrogate: 4-Bromochlorobenzene-PID	*9.62*		*8.00*		*120*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/2025 2:02:32PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2546013-BLK1)									Prepared: 11/10/25 Analyzed: 11/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.32*		*8.00*		*91.6*	*70-130*			
LCS (2546013-BS2)									Prepared: 11/10/25 Analyzed: 11/11/25
Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.43*		*8.00*		*92.8*	*70-130*			
Matrix Spike (2546013-MS2)				**Source: E511080-01**					Prepared: 11/10/25 Analyzed: 11/11/25
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0	ND	91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.34*		*8.00*		*91.7*	*70-130*			
Matrix Spike Dup (2546013-MSD2)				**Source: E511080-01**					Prepared: 11/10/25 Analyzed: 11/11/25
Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.7	70-130	4.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/2025 2:02:32PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2546043-BLK1)									Prepared: 11/11/25 Analyzed: 11/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*52.7*		*50.0*		*105*	*61-141*			
LCS (2546043-BS1)									Prepared: 11/11/25 Analyzed: 11/11/25
Diesel Range Organics (C10-C28)	271	25.0	250		108	66-144			
Surrogate: n-Nonane	*52.3*		*50.0*		*105*	*61-141*			
Matrix Spike (2546043-MS1)				**Source: E511106-01**					Prepared: 11/11/25 Analyzed: 11/11/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156			
Surrogate: n-Nonane	*55.0*		*50.0*		*110*	*61-141*			
Matrix Spike Dup (2546043-MSD1)				**Source: E511106-01**					Prepared: 11/11/25 Analyzed: 11/11/25
Diesel Range Organics (C10-C28)	321	25.0	250	ND	129	56-156	13.1	20	
Surrogate: n-Nonane	*63.0*		*50.0*		*126*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	FRPC 19-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/2025 2:02:32PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2546004-BLK1)									Prepared: 11/10/25 Analyzed: 11/11/25
Chloride	ND	20.0							
LCS (2546004-BS1)									Prepared: 11/10/25 Analyzed: 11/11/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2546004-MS1)				**Source: E511105-26**					Prepared: 11/10/25 Analyzed: 11/11/25
Chloride	4500	40.0	250	4150	140	80-120			M4
Matrix Spike Dup (2546004-MSD1)				**Source: E511105-26**					Prepared: 11/10/25 Analyzed: 11/11/25
Chloride	4090	40.0	250	4150	NR	80-120	9.51	20	M4

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:	FRPC 19-1	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/12/25 14:02

M4	Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	Hilcorp Energy Company	Company:		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	FRPC 19-1	Address:	Same	E511106	17051-0002	X				X				
Project Manager:	Mitch Killough	City, State, Zip:	as											
Address:		Phone:												
City, State, Zip:		Email:	client											
Phone:		Miscellaneous:												
Email:	MKillough@hilcorp.com													

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
1108	11/10/25	Soil	1	SW01A		1	X	X	X		X							3.8
1123	〃	〃	〃	SW04A		2	X	X	X		X							4.1

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: CC: Shyde@ensolum.com, wweichert@ensolum.com, HPeeks@ensolum.com

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

Sampled by: Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11/10/25	1214		11.10.25	1214
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.

envirotech

Envirotech Analytical Laboratory

Printed: 11/10/2025 12:16:44PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Hilcorp Energy Co	Date Received:	11/10/25 12:14	Work Order ID:	E511106
Phone:	-	Date Logged In:	11/10/25 12:15	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	11/11/25 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: M Pollock
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

ENSOLUM

APPENDIX D

Agency Correspondence

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 518303
Date: Monday, October 20, 2025 2:23:10 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#) nAPP2516731623.

The sampling event is expected to take place:

When: 10/28/2025 @ 10:00
Where: B-19-29N-13W Lot: 5 1265 FNL 1420 FEL (36.715688,-108.24285)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: FRPC 19-1, coordinates 36.715810, -108.243275

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: 523607
Date: Wednesday, November 5, 2025 3:49:06 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#) nAPP2516731623.

The sampling event is expected to take place:

When: 11/10/2025 @ 14:30
Where: B-19-29N-13W Lot: 5 1265 FNL 1420 FEL (36.715688,-108.24285)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: FRPC 19-1, coordinates 36.715810, -108.243275

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: Hall, Brittany, EMNRD
To: Stuart Hyde; Hamlet, Robert, EMNRD
Cc: Mitch Killough; Chad Perkins; Michael Pollock
Subject: RE: [EXTERNAL] FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 523607
Date: Monday, November 10, 2025 11:11:28 AM
Attachments: image001.png
image002.png
image003.png

[**EXTERNAL EMAIL**]

Stuart,

Thank you for following up. A note has been made in the incident event details on the incident page reflecting the approval to sample earlier than what was submitted on the C-141N. Please include a copy of this email chain in the next submittal.

Thank you,
Brittany Hall ● Environmental Field Compliance Supervisor
Environmental Field Compliance Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
505.517.5333 | Brittany.Hall@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd/

Effective 12/1/2024: OCD has updated guidance on karst potential occurrence zones. This notice can be found at: https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ under “2024 OCD ANNOUNCEMENTS AND NOTIFICATIONS”.

The Digital C-141 guidance documents can be found at https://www.emnrd.nm.gov/ocd/ocd-announcements-and-notifications/ or https://www.emnrd.nm.gov/ocd/ocd-forms/.

From: Stuart Hyde <shyde@ensolum.com>
Sent: Monday, November 10, 2025 11:06 AM
To: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Cc: Mitch Killough <mkillough@hilcorp.com>; Chad Perkins <cperkins@hilcorp.com>; Michael Pollock <mpollock@ensolum.com>
Subject: [EXTERNAL] FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 523607

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

Brittany,

As discussed on the phone, we are wrapping up the excavation at the FRPC 19-1 site and would like to sample a few hours early. Per your verbal approval, we are submitting this variance to the notification requirement outlined in 19.15.29.12(D)(1)(a) in order to collect the confirmation soil samples at a different time than stated below at 11:15 AM today.

Reach out with any questions and thank you for your assistance.

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

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

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From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Wednesday, November 5, 2025 3:49 PM
To: Stuart Hyde <shyde@ensolum.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 523607

[**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#) nAPP2516731623.

The sampling event is expected to take place:

When: 11/10/2025 @ 14:30
Where: B-19-29N-13W Lot: 5 1265 FNL 1420 FEL (36.715688,-108.24285)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: FRPC 19-1, coordinates 36.715810, -108.243275

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

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516731623**
Incident Name	**NAPP2516731623 F RPC 19 1 @ 30-045-31269**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-045-31269] F RPC 19 #001**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	F RPC 19 1
Date Release Discovered	06/09/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Flow Line - Production | Produced Water | Released: 12 BBL | Recovered: 10 BBL | Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On 6/9/2025 at 9:30 am (MT), a lease operator discovered a leaking flowline (most likely due to corrosion) while on location for a routine visit. Upon discovery, the operator shutdown the pumping unit, secured the flowline, and called in a water truck immediately, which was able to recover 10 bbls from the surface. A total of 12 bbls of produced water fluid is estimated to have been released from the flowline. All released fluids remained inside secondary containment and around the 2-phase separator vessel. Area of impact on the surface measured approximately 10' x 10'.

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

General Information
Phone: (505) 629-6116

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	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	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: 12/03/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 100 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1000 (ft.) and ½ (mi.)
A wetland	Between 1 and 100 (ft.)
A subsurface mine	Between 1 and 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	Zero feet, overlying, or within area
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	12400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	91.5
GRO+DRO (EPA SW-846 Method 8015M)	33
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	10/28/2025
On what date will (or did) the final sampling or liner inspection occur	11/10/2025
On what date will (or was) the remediation complete(d)	11/10/2025
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	374
What is the estimated volume (in cubic yards) that will be remediated	60
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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112336756 ENVIROTECH LANDFARM #2
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 12/03/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**523607**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/10/2025**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**1000**

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	374
What was the total volume (cubic yards) remediated	60
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)	Not applicable

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 12/03/2025

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 531469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2516731623 F RPC 19 1, thank you. This Remediation Closure Report is approved.	12/29/2025