

November 14, 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 Deferral Request

FRPC 4 #001

Hilcorp Energy Company

NMOCD Incident No: nAPP2515255774

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Deferral Request* detailing remediation and soil sampling activities following a produced water release at the FRPC 4 #001 natural gas production well (Site). The Site is located on Private Land in San Juan County, New Mexico, Unit D, Section 4, Township 29 North, Range 13 West (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 May 21, 2025, Hilcorp personnel discovered a release of 10 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 70 feet by 13 feet) adjacent to the wellhead. Upon further inspection, it was determined that the primary cause of the release was equipment failure as the pumping unit packing failed. The spilled fluids did not migrate horizontally off the pad footprint. The packing on the pumping unit was subsequently replaced before placing back into service.

Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on June 1, 2025. The release was assigned Incident Number nAPP2515255774.

## SITE CHARACTERIZATION

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

## **GEOLOGY AND HYDROGEOLOGY**

The Site is located on Quaternary-age alluvial deposits associated with the La Plata River drainage. These alluvial sediments are underlain by the Late Cretaceous Fruitland Formation–Kirtland Shale. Across the San Juan Basin, alluvial deposits vary widely in hydrogeologic

properties and water quality (Stone et al., 1983). Wells completed in the alluvium are used for livestock, irrigation, and domestic purposes where groundwater quantity and quality are sufficient.

The Fruitland Formation comprises interbedded sandy shale, carbonaceous shale, clayey sandstone, coal, and sandstone. The overlying Kirtland Shale is characterized by a lower shale member, a middle sandstone member, and an upper shale member. Together, these units have a combined thickness of approximately 100 to 2,000 feet. Water-bearing zones within the Fruitland Formation–Kirtland Shale are largely untested and display location-dependent hydraulic properties (Stone et al., 1983). These formations host the principal coal reserves of the San Juan Basin. Groundwater yields are generally small, and the units are not widely used for domestic or livestock supply. The Fruitland Formation–Kirtland Shale is underlain by the Pictured Cliffs Formation.

## 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. A Site receptor map is shown on Figure 1.

The nearest significant watercourse to the Site is an intermittent stream located approximately 150 feet southeast of the well pad. The nearest fresh water well is NMOSE permitted well SJ-03203 (Appendix A), located approximately 1,853 feet southwest of the Site with a recorded depth to water of 20 feet below ground surface (bgs). Well SJ-03203 is located at an elevation of approximately 5,413 feet above mean sea level, which is approximately 24 feet lower in elevation than the Site. As such, depth to groundwater is estimated to be less than 50 feet bgs. The Site is also located within a 100-year floodplain and designated wetland as defined by the National Wetlands Inventory.

The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake. No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site. The Site is not overlying a subsurface mine or located within an area underlain by unstable geology (area designated as low potential karst by the Bureau of Land Management). Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site.

## 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 INITIAL EXCAVATION SOIL SAMPLING ACTIVITIES**

Upon discovery of the release, Hilcorp retained Ensolum to conduct hand auger and surface sample delineation activities on June 18, 2025. A sampling notification was provided to the NMOCD prior to field activities and is included as Appendix B. Four hand-auger borings (HA01 through HA04) were advanced within the release footprint to depths of up to approximately 2 feet bgs to assess vertical impacts. An additional 13 surface-soil samples (SS01 through SS13) were collected surrounding the footprint to delineate the lateral extent of impacts (Figure 2).

During delineation activities, Ensolum personnel logged soil lithology and field-screened for volatile organic compounds (VOCs) using a calibrated photoionization detector (PID) and for chloride using Hach® QuanTab® test strips. Site lithology was generally comprised of sand, silty sand, and clayey sand. Soil descriptions and field-screening results were recorded in the field notebook. Photographs from the delineation are provided in Appendix C, and PID and chloride screening results are summarized in Table 1.

Three soil samples were collected from each boring to evaluate the vertical extent of impacts at the Site: one from 0 to 6 inches, one at approximately 1-foot bgs, and one from the terminus of the borehole at 2 feet bgs. Soil samples were collected directly into laboratory-provided jars and immediately placed on ice. Samples were submitted to Envirotech Analytical Laboratory (Envirotech) in Farmington, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B, TPH following Method 8015M/D, and chloride following EPA Method 300.0.

BTEX was not detected above the laboratory reporting limits in any of the samples and TPH exceeding the NMOCD Closure Criteria was only identified in one sample, SS02@0-6", collected from the release footprint surface. However, Chloride concentrations exceeded the NMOCD Closure Criteria in all of the hand auger boreholes and in 8 of the 13 delineation surface samples. Analytical results are summarized in Table 1 and Figure 2; with complete laboratory reports provided in Appendix D.

Based on the June 2025 delineation data, Hilcorp initiated initial excavation activities on August 11 and 12, 2025. To direct excavation activities, Ensolum personnel field screened soil for VOCs and chloride using the same methods described above. Field screening indicated elevated chloride across much of the excavation.

Preliminary five-point composite floor and sidewall samples were collected and submitted to Envirotech for laboratory chloride analysis to confirm field screening results. Based on the laboratory analytical results from the initial excavation, the elevated chloride field screening was confirmed to be accurate, as concentrations of chloride were detected above NMOCD Closure Criteria in 10 of the 14 composite floor samples collected and three of the five composite sidewall samples collected. Additionally, a liner was encountered at 4 feet bgs during excavation activities under part of the release. This liner is associated with incident ID: nCS1929541151, an approved deferral resulting from a produced water release on September 25, 2019. Documents detailing this incident and deferral can be found in the NMOCD online database.

Based on the initial excavation activities and elevated chloride concentrations, additional delineation was performed prior to continuing excavation activities. On August 26, 2025, delineation activities resumed and six potholes (PH01 through PH06) and two additional hand auger borings (HA05 and HA06) were advanced. PH01, PH02 and HA05 were advanced within the excavation extent from four feet bgs to six feet bgs to delineate the vertical extent of impacted soil, while HA06, and PH03 through PH06 were advanced outside the excavation extent from the ground surface to depths of 2 to 4 feet bgs to determine the lateral extent of impacted soil. The soil samples were field screened using the practices described above and placed into laboratory provided containers then transported under proper chain of custody procedures to Envirotech for analysis of TPH, BTEX, and chloride using the methods described above.



Analytical results from delineation activities on August 26, 2025, indicated concentrations of BTEX and TPHs were below laboratory reporting limits and only one sample exceeded the NMOCD Closure Criteria for chloride (HA05@0'). A summary of analytical results is presented in Table 1 and Figure 2, with complete laboratory reports attached in Appendix D.

## FINAL EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Following the additional delineation described above, Hilcorp resumed excavation activities on September 15, 2025. Ensolum personnel directed the excavation and field screened soil for VOCs using a calibrated PID and chloride using Hach® QuanTab® chloride test strips. Once field screening indicated impacted soil had been removed, 5-point composite soil samples were collected from the floor (FS01 through FS14) and sidewalls (SW01 through SW08) of the excavation at a frequency of one sample per 200 square feet. The 5-point composite samples were collected by placing five equivalent aliquots of soil into 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Notification of sampling was provided to the NMOCD at least two business days prior to conducting confirmation soil sampling. Agency correspondence is included in Appendix B. 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 previously.

Analytical results from the excavation activities on September 15, 2025, indicated concentrations of BTEX and TPH were compliant with the NMOCD Closure Criteria in all samples. However, analytical results indicated concentrations of chloride above NMOCD Closure Criteria were encountered in one composite floor sample (FS14) and four of the eight composite sidewall samples (SW01, SW04, SW05, SW08). To address these exceedances, Ensolum returned on September 26, 2025, to remove impacted soil from the vicinity of FS14, SW04, and SW05. SW01 and SW08 are located adjacent to and under the wellhead and a pump jack. As such, soil in this area was excavated to the Maximum Extent Practicable (MEP) as shown on Figures 3 and 4 and in the photographs included in Appendix C. Additional soil was removed in the floor sampling area of FS14 and was resampled at a depth of 6 feet bgs. Additional soil was also removed from sidewall sampling areas of SW04 and SW05 and resampled as SW09 and SW10. Analytical results from these three samples indicated concentrations of BTEX, TPH, and chloride did not exceed NMOCD Closure Criteria.

In total, approximately 925 cubic yards of impacted soil was removed from an area covering 4,175 square feet and transported to the Envirotech Landfarm located in San Juan County, New Mexico. Of the 4,175 square foot area excavated during remediation activities, approximately 2,485 square feet were located outside the area of the previously installed liner. During the September 2025 excavation activities, impacted soil was removed to the depth of the liner, therefore, floor samples were not collected in this area as indicated on Figure 3.

Soil sample results are summarized in Table 1, with complete laboratory analytical reports attached as Appendix B. Photographs taken by Ensolum during the excavation work are presented in Appendix C.

## **DEFERRAL REQUEST**

Following the release, Hilcorp initiated excavation efforts and removed 925 cubic yards of impacted material. Delineation and excavation soil-sampling activities conducted by Ensolum indicate that impacted soil remains in a limited area at the Site at depths up to 4 feet bgs directly below the wellhead. Laboratory analytical results from excavation sidewall and delineation sample locations HA06, SS02, and SS07, indicate that the lateral extent of the release has successfully been delineated. The presence of a liner directly below the wellhead also indicates that the release did not impact soil below four feet bgs. Approximately 40 cubic yards of impacted soil remain in place at the Site immediately beneath an active wellhead and pump jack.



Based on the results presented in this report, Ensolum and Hilcorp do not believe deferment of the remaining impacted soil will result in imminent risk to human health, the environment, or groundwater. Specifically, a majority of impacted soil has been removed and disposed off-Site and impacted soil remaining at the Site is restricted to depths less than 4 feet with the presence of a liner restricting further chloride migration, offering equal protection of human health, the environment, and groundwater. In accordance with 19.15.29.12.C(2) NMAC, Hilcorp requests deferral of final remediation at the Site and to leave in place approximately 40 cubic yards of impacted soil until facility closure or major deconstruction, whichever occurs first.

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

Sincerely, **Ensolum, LLC** 

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cc: Hilcorp Energy Company

## Attachments:

Figure 1: Site Receptor Map

Figure 2: Release Extent and Delineation Soil Sample Locations
Figure 3: Excavation Extent and Confirmation Soil Sample Locations

Figure 4: Requested Deferral Area

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

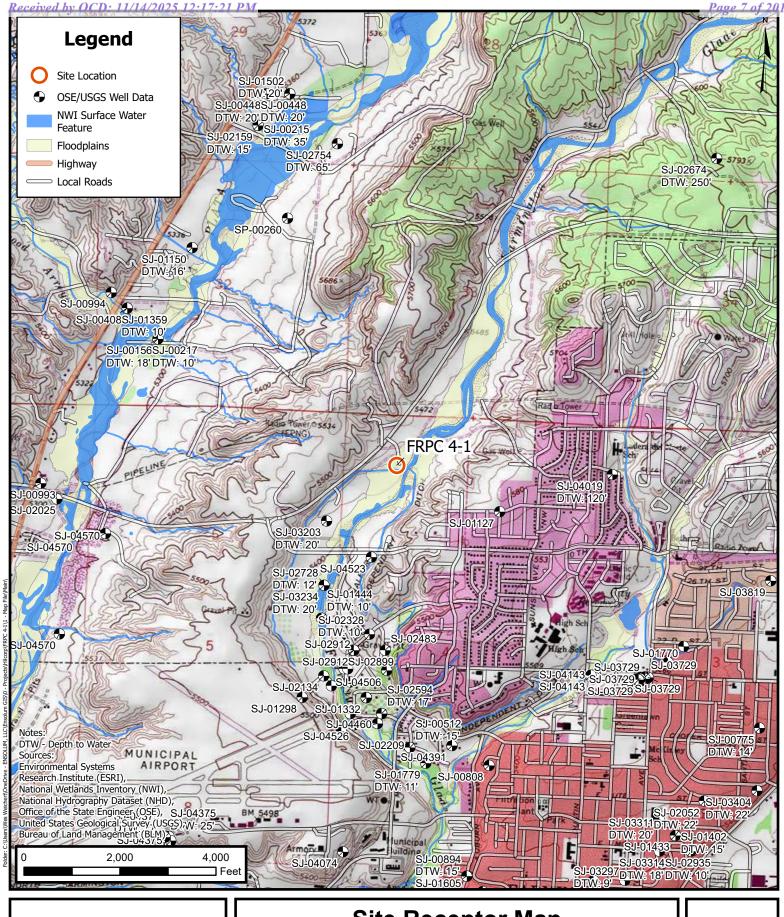
Appendix A: Depth to Water Determination
Appendix B: Agency Correspondence
Appendix C: Laboratory Analytical Reports

Appendix D: Photographic Log





**FIGURES** 

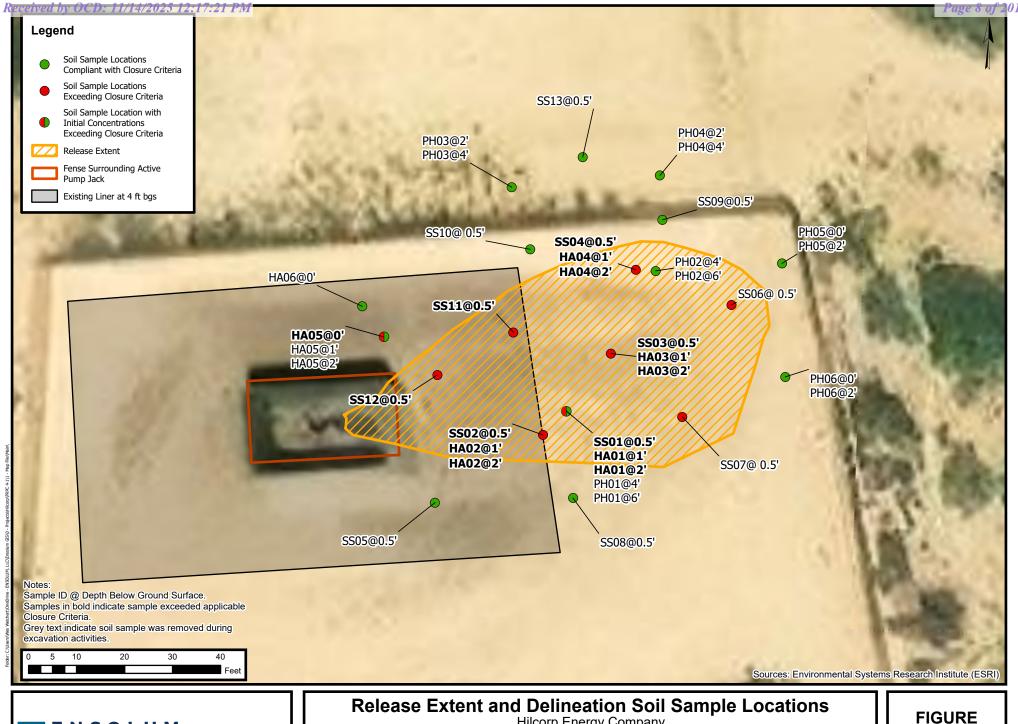




## **Site Receptor Map**

Hilcorp Energy Company FRPC 4 #001

Incident Number: nAPP2515255774 36.7598495, -108.2162476 San Juan, New Mexico FIGURE 1





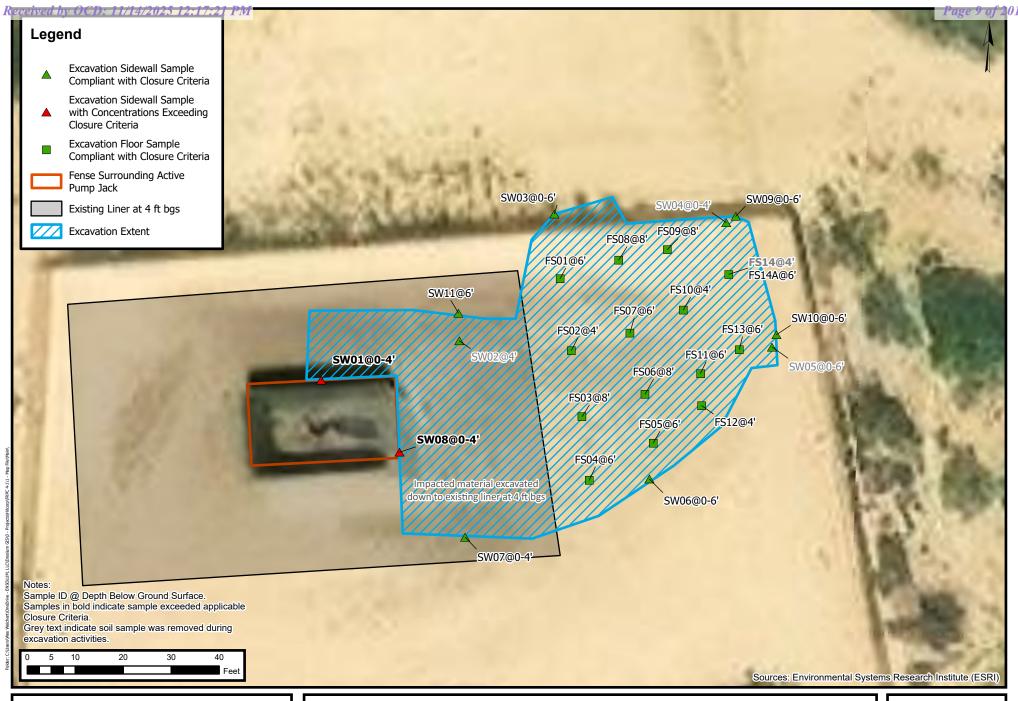
## **Release Extent and Delineation Soil Sample Locations**

Hilcorp Energy Company FRPC 4 #001 Incident Number: nAPP2515255774 36.7598495, -108.2162476

San Juan. New Mexico

2

Released to Imaging: 11/25/2025 9-23-17 AM

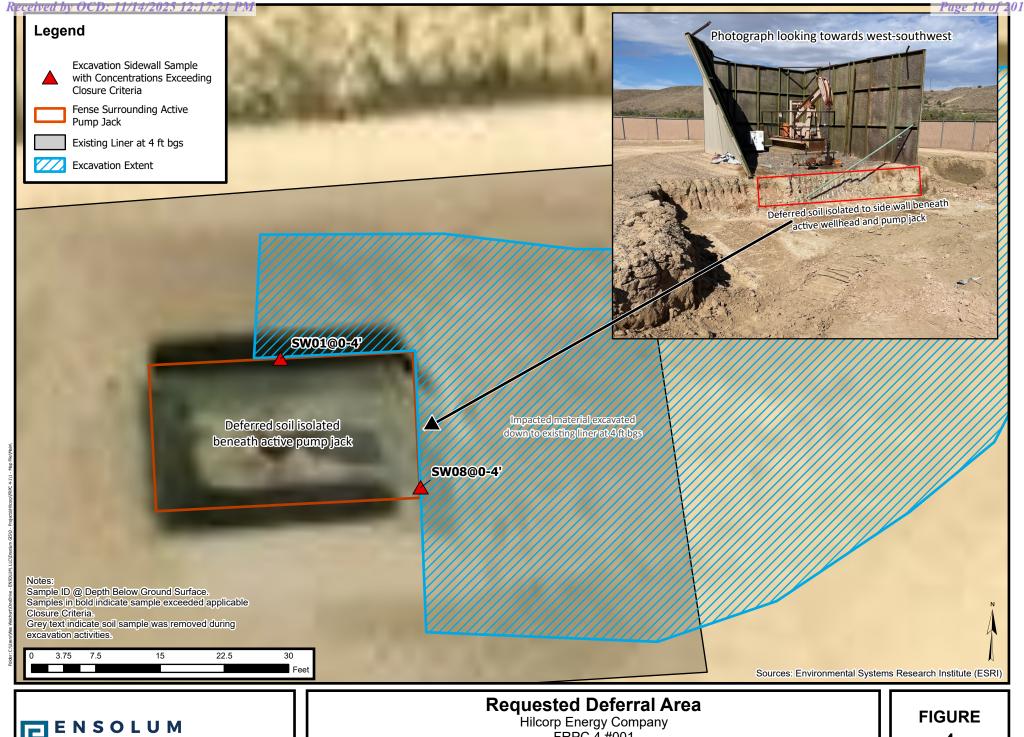




## **Excavation Extent and Confirmation Soil Sample Locations**Hilcorp Energy Company

Hilcorp Energy Company FRPC 4 #001

Incident Number: nAPP2515255774 36.7598495, -108.2162476 San Juan, New Mexico FIGURE 3





Released to Imaging: 11/25/2025 9.23.17 AM

FRPC 4 #001

Incident Number: nAPP2515255774 36.7598495, -108.2162476 San Juan, New Mexico



**TABLES** 

## **E N S O L U M**

	TABLE 1  DELINEATION SOIL SAMPLE ANALYTICAL RESULTS FRPC 4 #001  Hilcorp Energy Company  San Juan County, New Mexico													
Sample Identification	Date	Depth (feet bgs)	Chloride Field Test (ppm)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure	Criteria for Soils Release	s Impacted by a	NE	NE	10	NE	NE	NE	50	NE	NE	NE	100	600
						•	Surface Samples							
SS01 @ 0-6"	6/18/2025	0.5'	>628	6.8	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0500	<20.0	32.6	<50.0	32.6	2,080
SS02 @ 0-6"	6/18/2025	0.5'	>628	0.0	<0.0250	<0.0250	<0.0250	< 0.0250	< 0.0500	<20.0	67.2	87.2	154.4	10,800
SS03 @ 0-6"	6/18/2025	0.5'	>628	3.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	13,300
SS04 @ 0-6"	6/18/2025	0.5'	>628	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	6,720
SS05 @ 0-6"	6/18/2025	0.5'	109	0.0	<0.0250	<0.0250	<0.0250	< 0.0250	<0.0500	<20.0	32.9	<50.0	32.9	580
SS06 @ 0-6"	6/18/2025	0.5'	199	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	959
SS07 @ 0-6"	6/18/2025	0.5'	268	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,010
SS08 @ 0-6"	6/18/2025	0.5'	109	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	51.9
SS09 @ 0-6"	6/18/2025	0.5'	89	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	406
SS10 @ 0-6"	6/18/2025	0.5'	109	0.0	<0.0250	<0.0250	<0.0250	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	362
SS11 @ 0-6"	6/18/2025	0.5'	144	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	628
SS12 @ 0-6"	6/18/2025	0.5'	144	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	679
SS13 @ 0-6"	6/18/2025	0.5'	<28	0.0	<0.0250	<0.0250	< 0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
							d Auger Delineation							
HA01 @ 1'	6/18/2025	1'	354	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,650
HA01 @ 2'	6/18/2025	2'	132	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	648
HA02 @ 1'	6/18/2025	1'	308	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,500
HA02 @ 2'	6/18/2025	2'	170	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	888
HA03 @ 1'	6/18/2025	1'	>628	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	4,220
HA03 @ 2'	6/18/2025	2'	287	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,500
HA04 @ 1'	6/18/2025	1'	330	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,760
HA04 @ 2'	6/18/2025	2'	109	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	675
HA05 @ 0'	8/26/2025	0'	828.8	0.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,200
HA05 @ 1'	8/26/2025	1'	<162	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	40.9
HA05 @ 2'	8/26/2025	2'	<162	1.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	139
HA06 @ 0'	8/26/2025	0'	<162	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	68.3
			1				Pothole Samples						T	
PH01 @ 4'	8/26/2025	4'	616.0	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	137
PH01 @ 6'	8/26/2025	6'	<162	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	90.9
PH02 @ 4'	8/26/2025	4'	2,050	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	509
PH02 @ 6'	8/26/2025	6'	<162	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	90.8
PH03 @ 2'	8/26/2025	2'	<162	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH03 @ 4'	8/26/2025	4'	<162	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
PH04 @ 2'	8/26/2025	2'	492.8	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	324
PH04 @ 4'	8/26/2025	4'	201.6	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	157
PH05 @ 0'	8/26/2025	0'	436.8	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	363
PH05 @ 2'	8/26/2025	2'	<162	0.0	<0.0250	<0.0250	<0.0250	< 0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	37.8
PH06 @ 0'	8/26/2025	0'	1,159.2	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	139
PH06 @ 2'	8/26/2025	2'	336	0.0	< 0.0250	< 0.0250	< 0.0250	< 0.0500	< 0.0500	<20.0	<25.0	<50.0	<50.0	138

### Notes:

bgs: Below ground surface

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

mg/kg: Milligrams per kilogram

NA: Not Analyzed 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

': Fee

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

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

Grey and strikethrough text represents samples that have been excavated



	TABLE 2													
	EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS													
	FRPC 4 #001 Hilcorp Energy Company													
							n County, New M							
			Chloride Field											
Sample	Date	Depth	Test	PID	Benzene	Toluene	Ethylbenzene	Xylenes	Total BTEX	TPH GRO	TPH DRO	TPH MRO	Total TPH	Chloride
Identification		(feet bgs)	(ppm)	(ppm)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMOCD Closure	Criteria for Soils	Impacted by a												
	Release	,	NE	NE	10	NE	NE	NE	50	NE	NE	NE	100	600
							Floor Samples							
FS01 @ 6'	9/15/2025	6'	224.0	0.1	< 0.0250	< 0.0250	<0.0250	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	190
FS02 @ 4'	9/15/2025	4'			<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	397
FS03 @ 8'	9/15/2025	8'	431.2	0.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	327
FS04 @ 6'	9/15/2025	6'	336.0	0.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	370
FS05 @ 6'	9/15/2025	6'			< 0.0250	< 0.0250	<0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	182
FS06 @ 8'	9/15/2025	8'	224	0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	145
FS07 @ 6'	9/15/2025	6'			< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	247
FS08 @ 8'	9/15/2025	8'	431.2	0.3	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	243
FS09 @ 8'	9/15/2025	8'	431.2	0.3	< 0.0250	< 0.0250	< 0.0250	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	521
FS10 @ 4'	9/15/2025	4'			< 0.0250	< 0.0250	< 0.0250	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	212
FS11 @ 6'	9/15/2025	6'	190.4	0.1	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	401
FS12 @ 4'	9/15/2025	4'			< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	222
FS13 @ 6'	9/15/2025	6'	<156.6	0.2	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	121
FS14 @ 4'	9/15/2025	4'			<0.0250	<0.0250	<del>&lt;0.0250</del>	<0.0250	<del>&lt;0.0250</del>	<del>&lt;20.0</del>	<del>&lt;25.0</del>	< <del>50.0</del>	<del>&lt;50.0</del>	2,650
FS14A	9/26/2025	6'	<156.6	1.2	< 0.0250	< 0.0250	< 0.0250	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	77.8
							idewall Samples							
SW01 @ 0-4'	9/15/2025	4'	380.8	1.0	< 0.0250	< 0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	6,510
SW02 @ 0-4'	9/15/2025	4'	431	1.8	< 0.0250	<0.0250	<0.0250	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	591
SW03 @ 0-6'	9/15/2025	6'	190.4	0.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	159
SW04 @ 0-4'	9/15/2025	4'			<0.0250	<0.0250	<del>&lt;0.0250</del>	<del>&lt;0.0250</del>	<del>&lt;0.0250</del>	<del>&lt;20.0</del>	<del>&lt;25.0</del>	<del>&lt;50.0</del>	<del>&lt;50.0</del>	2,940
SW 05 @ 0-6'	9/15/2025	6'	<del>190.4</del>	0.1	<0.0250	<del>&lt;0.0250</del>	<del>&lt;0.0250</del>	<del>&lt;0.0250</del>	< <del>0.0250</del>	< <del>20.0</del>	< <del>25.0</del>	<del>&lt;50.0</del>	<del>&lt;50.0</del>	649
SW06 @ 0-6'	9/15/2025	6'	<156.6	0.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	560
SW07 @ 0-4'	9/15/2025	4'			<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	587
SW08 @ 0-4'	9/15/2025	4'			<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	7,530
SW09	9/26/2025	0'-6'	296.8	0.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	299
SW10	9/26/2025	0'-6'	296.8	0.4	<0.0250	< 0.0250	<0.0250	<0.0250	< 0.0250	<20.0	<25.0	<50.0	<50.0	306

### Notes:

bgs: Below ground surface

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

mg/kg: Milligrams per kilogram

NA: Not Analyzed

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

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

Grey and strikethrough text represents samples that have been excavated

<sup>&</sup>lt;: Indicates result less than the stated laboratory reporting limit (RL)</p>



## **APPENDIX A**

Depth to Water Determination

## STATE ENGINEER OFFICE

## WELL RECORD

		Λ		GENERA					,	
A) Owner of	well	Ny ANN	Ledfue	<u> </u>			Own	er's Well	No	<u>-</u>
Street or	Post Office Ad	dress Box	1811 60 Rn	632				······································	<del></del>	<del></del> -,
		4ــ								
		No. 5J-								
a	_ ¼ <u>SE</u> ¼	SE 1/4 NE	¼ of Sec	ction 5	Tov	vnship	$\frac{29N}{R}$	ange /c	3W	N.M.P.
b. Tract	No	_ of Map No		of	the	SAU V		τς,		
		of Block No								i
Subdi	vision, recorded	in			_ County.					
d. X= the		feet, Y=		feet,	, N.M. Coo	ordinate S	ystem			Zone Gra
B) Drilling C	Contractor	M)0-1E	DRILL	126/1	<u>JC</u>		_ License No	Wy	-733	
Address <u>B</u>	ox 223	MO-TE FARM	112670.	<u>س ۸۷</u>	W 84	7499				
Orilling Began	6-10-0	2 Compl	eted 6-	11-02	Туре	tools_k	20 mrs y	Siz	e of hole_	978
	/	nallow 🔲 ar					upon completic			
Completed wel	. 11S 🖭 SÌ	ar لـــا ar	tesian.		Depth	to water	upon completic	on or well		
·		Secti	on 2. PRIN	CIPAL WA	TER-BEA	RING ST	RATA	· · · · · · · · · · · · · · · · · · ·		
Depth From	in Feet To	Thickness in Feet	1	Description	of Water-l	Bearing F	ormation		Estimated Ilons per	
	34	24	(60)	عدور ٥	L CAS	<i></i>		<del>-</del>	20 2	
/2	9'4	29	GAR	3060	r > 200	ט		-	<u> </u>	<u> </u>
									2	
									3	
									<u>.</u>	
	<u> </u>								<u></u>	- 공유-
		T		n 3. RECO	RD OF CA	ASING				<u> </u>
Diameter (inches)	Pounds per foot	Threads per in.	Depth Top	in Feet Bottom		ength feet)	Type of Sl	noe	Perfo From	rations To
1 11			0	59	-5	9	IJ/A	***********	19	59
<u> </u>				91						ļ
	ļ									
				:						
		Sectio	n 4. RECO	RD OF MU	DDING A	ND CEM	ENTING			
Depth From	in Feet	Hole Diameter	Sacl of M	cs	Cubic Fo	eet		hod of Pl	lacemen	·
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		,					···			<u>S</u>
										2
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				L		·		<del></del>	MEXICO	-33
			Section	on 5. PLUG	GING RE	CORD			(ICC	4
							B	P		8
Plugging Meth	od		<u>.</u> .			No.	Depth Top	n Feet 🖹 Botto	<del></del>	ubic Feet f Cement
Date Well Plug Plugging appro					· · · · · · · · · · · · · · · · · · ·	1	7			
r rugging appro						3				
		State Engi	neer Repres	entative		4				
			FOR USE	OF STATI	E ENGINE	ER ONL	Υ .			
	1/2-0	2								
Date Received	0.20	_		_	1					
	SJ-320						FWL			

Section 6. LOG OF HOLE Depth in Feet Thickness Color and Type of Material Encountered in Feet From То 12 12 0 24 12 36 59 36 23

Section 7. REMARKS AND ADDITIONAL INFORMATION

GRAVEL PACKED From Bottom to top

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, exc. Section 5, shall be answered as completely a courately as possible when any well is Released to Amaiging a like 25/2023 this Adm is used as a plugging record, only Section 1(a) and Section 5 need be completed.



**APPENDIX B** 

**Agency Correspondence** 

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

Phone: (505) 629-6116

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

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

QUESTIONS

Action 471732

## **QUESTIONS**

Operator:	OGRID:		
HILCORP ENERGY COMPANY	372171		
1111 Travis Street	Action Number:		
Houston, TX 77002	471732		
	Action Type:		
	[NOTIFY] Notification Of Sampling (C-141N)		

## QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2515255774			
Incident Name	NAPP2515255774 FRPC 4-1 @ 30-045-31995			
Incident Type	Produced Water Release			
Incident Status	Initial C-141 Approved			
Incident Well	[30-045-31995] FRPC 4 #001			

Location of Release Source				
Site Name	FRPC 4-1			
Date Release Discovered	05/21/2025			
Surface Owner	Private			

Sampling Event General Information						
Please answer all the questions in this group.						
What is the sampling surface area in square feet	2,000					
What is the estimated number of samples that will be gathered	10					
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/18/2025					
Time sampling will commence	09:00 AM					
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 970-903-1607					
Please provide any information necessary for navigation to sampling site	FRPC 4-1 (30-045-31995) GPS: 36.7598495,-108.2162476. Number of samples is estimated. Hand auger delineation only.					

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 471732

## **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	471732
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## CONDITIONS

Created By	Condition	Condition Date
shyde	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/6/2025
shyde	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/6/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 492797

## **QUESTIONS**

ı	Operator:	OGRID:
ı	HILCORP ENERGY COMPANY	372171
ı	1111 Travis Street	Action Number:
ı	Houston, TX 77002	492797
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

## QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2515255774			
Incident Name	NAPP2515255774 FRPC 4-1 @ 30-045-31995			
Incident Type	Produced Water Release			
Incident Status	Initial C-141 Approved			
Incident Well	[30-045-31995] FRPC 4 #001			

Location of Release Source				
Site Name	FRPC 4-1			
Date Release Discovered	05/21/2025			
Surface Owner	Private			

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	2,100	
What is the estimated number of samples that will be gathered	11	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/12/2025	
Time sampling will commence	02:00 PM	
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 970-903-1607 or Wes Weichert 816-266-8732	
Please provide any information necessary for navigation to sampling site	FRPC 4-1 (30-045-31995) GPS: 36.7598495, -108.2162476	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 492797

## **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	492797
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## CONDITIONS

Created By	Condition	Condition Date
shyde	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/6/2025
shyde	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/6/2025

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

Action 498196

## **QUESTIONS**

ı	Operator:	OGRID:
ı	HILCORP ENERGY COMPANY	372171
ı	1111 Travis Street	Action Number:
ı	Houston, TX 77002	498196
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

## QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515255774
Incident Name	NAPP2515255774 FRPC 4-1 @ 30-045-31995
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-045-31995] FRPC 4 #001

Location of Release Source	
Site Name	FRPC 4-1
Date Release Discovered	05/21/2025
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	3,000	
What is the estimated number of samples that will be gathered	15	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/26/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 9709031607 or Wes Weichert 8162668732	
Please provide any information necessary for navigation to sampling site	FRPC 41 (3004531995) GPS: 36.7598495, 108.2162476	

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 498196

## **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	498196
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## CONDITIONS

Created By	Condition	Condition Date
shyde	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/21/2025
shyde	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/21/2025

## **Wes Weichert**

From: Buchanan, Michael, EMNRD < Michael.Buchanan@emnrd.nm.gov>

Sent: Tuesday, August 26, 2025 3:34 PM

To: Wes Weichert

**Cc:** Stuart Hyde; Mitch Killough

**Subject:** RE: [EXTERNAL] nAPP2515255774 - FRPC 4-1 Extension Request

## [ \*\*EXTERNAL EMAIL\*\*]

Good afternoon, Wes

The request for a 90-day extension is approved for the FRPC 4-1 incident. The incident file has been updated to reflect the new remediation closure date to be 11/17/2025. Please keep a copy of this for your records and include this chain with your closure report submission.

Thank you,

From: Wes Weichert < wweichert@ensolum.com>

Sent: Monday, August 25, 2025 9:28 AM

To: Buchanan, Michael, EMNRD < Michael. Buchanan@emnrd.nm.gov>

Cc: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Stuart Hyde <shyde@ensolum.com>; Mitch Killough

<mkillough@hilcorp.com>

Subject: [EXTERNAL] nAPP2515255774 - FRPC 4-1 Extension Request

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

Mike,

On behalf of Hilcorp Energy Company, we are requesting a 90-day extension for the FRPC 4-1 (30-045-31995) site in San Juan County. The August 19, 2025, reporting deadline has recently lapsed, and we appreciate your consideration as we move forward with the final delineation needed to support a complete work plan.

To date, over 400 cubic yards of impacted soil have been removed; however, full lateral and vertical delineation has not yet been achieved. Additional delineation activities with a backhoe are scheduled for tomorrow, August 26, 2025. These results will provide the necessary data to properly support the development of a Remediation Work Plan or Closure Request.

Accordingly, we are requesting an extension of the reporting deadline to allow sufficient time to complete delineation and prepare a comprehensive submittal. If approved, the new deadline will be **Monday, November 17, 2025**.

Please let me know if you have any questions or need additional information.

Thank you for your consideration.

Best regards,



General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 504258

## **QUESTIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	504258
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2515255774
Incident Name	NAPP2515255774 FRPC 4-1 @ 30-045-31995
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-045-31995] FRPC 4 #001

Location of Release Source	
Site Name	FRPC 4-1
Date Release Discovered	05/21/2025
Surface Owner	Private

Sampling Event General Information			
Please answer all the questions in this group.			
What is the sampling surface area in square feet	3,500		
What is the estimated number of samples that will be gathered	18		
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/15/2025		
Time sampling will commence	09:00 AM		
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 970-903-1607 or Wes Weichert 816-266- 8732		
Please provide any information necessary for navigation to sampling site	FRPC 4-1 (30-045-31995) GPS: 36.7598495, -108.2162476		

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 504258

## **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	504258
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## CONDITIONS

Created By	Condition	Condition Date
shyde	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/9/2025
shyde	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/9/2025

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

Action 508419

## **QUESTIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	508419
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2515255774	
Incident Name	NAPP2515255774 FRPC 4-1 @ 30-045-31995	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-045-31995] FRPC 4 #001	

Location of Release Source		
Site Name	FRPC 4-1	
Date Release Discovered	05/21/2025	
Surface Owner	Private	

Sampling Event General Information				
Please answer all the questions in this group.				
What is the sampling surface area in square feet	2,000			
What is the estimated number of samples that will be gathered	10			
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/26/2025			
Time sampling will commence	10:00 AM			
Please provide any information necessary for observers to contact samplers	Contact PM Wes Weichert 816-266-8732			
Please provide any information necessary for navigation to sampling site	FRPC 4-1 (30-045-31995) GPS: 36.7598495,-108.2162476			

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 508419

## **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	508419
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

## CONDITIONS

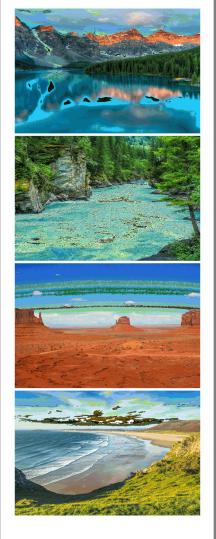
Created By	Condition	Condition Date
shyde	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/23/2025
shyde	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/23/2025



## **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: FRPC 4-1

Work Order: E506161

Job Number: 17051-0002

Received: 6/18/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 6/25/25

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: 6/25/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: FRPC 4-1 Workorder: E506161

Date Received: 6/18/2025 3:30:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/18/2025 3:30:00PM, under the Project Name: FRPC 4-1.

The analytical test results summarized in this report with the Project Name: FRPC 4-1 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,

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## Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	Donoutoda
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	06/25/25 16:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 @ 0-6"	E506161-01A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA01 @ 1'	E506161-02A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA01 @ 2'	E506161-03A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS02 @ 0-6"	E506161-04A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA02 @ 1'	E506161-05A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA02 @ 2'	E506161-06A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS03 @ 0-6"	E506161-07A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA03 @ 1'	E506161-08A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA03 @ 2'	E506161-09A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS04 @ 0-6"	E506161-10A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA04 @ 1'	E506161-11A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
HA04 @ 2'	E506161-12A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS05 @ 0-6"	E506161-13A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS06 @ 0-6"	E506161-14A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS07 @ 0-6"	E506161-15A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS08 @ 0-6"	E506161-16A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS09 @ 0-6"	E506161-17A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS10 @ 0-6"	E506161-18A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS11 @ 0-6"	E506161-19A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS12 @ 0-6"	E506161-20A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.
SS13 @ 0-6"	E506161-21A	Soil	06/18/25	06/18/25	Glass Jar, 4 oz.



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

SS01 @ 0-6"

Notes
Notes
Batch: 2525090
Batch: 2525090
Batch: 2525106
Batch: 2525104
]

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

#### HA01 @ 1' E506161-02

		E500101-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tilalyc	Result	Limit	Dilution	Trepared	Maryzea	110103
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/19/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/19/25	
Toluene	ND	0.0250	1	06/19/25	06/19/25	
o-Xylene	ND	0.0250	1	06/19/25	06/19/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/19/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/19/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		126 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104
Chloride	1650	20.0	1	06/20/25	06/20/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

#### HA01 @ 2' E506161-03

		E300101-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· many te	resur	2	Dilution	Trepared	111111,200	110100
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/19/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/19/25	
Toluene	ND	0.0250	1	06/19/25	06/19/25	
o-Xylene	ND	0.0250	1	06/19/25	06/19/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/19/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/19/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		127 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104
Chloride	648	20.0	1	06/20/25	06/20/25	



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PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

SS02 @ 0-6"

		E506161-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/19/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/19/25	
Toluene	ND	0.0250	1	06/19/25	06/19/25	
o-Xylene	ND	0.0250	1	06/19/25	06/19/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/19/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/19/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	67.2	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	87.2	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		126 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2525104
Chloride	10800	200	10	06/20/25	06/20/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

#### HA02 @ 1' E506161-05

		E300101-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
. Ilm., ve				1	1 11111 ) 200	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/19/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/19/25	
Toluene	ND	0.0250	1	06/19/25	06/19/25	
o-Xylene	ND	0.0250	1	06/19/25	06/19/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/19/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/19/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		124 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104
Chloride	1500	20.0	1	06/20/25	06/20/25	



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#### HA02 @ 2' E506161-06

		E500101-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/19/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/19/25	
Toluene	ND	0.0250	1	06/19/25	06/19/25	
o-Xylene	ND	0.0250	1	06/19/25	06/19/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/19/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/19/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	06/19/25	06/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		125 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: IY		Batch: 2525104
Chloride	888	20.0	1	06/20/25	06/20/25	



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SS03 @ 0-6"

		E506161-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		120 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2525104
Chloride	13300	200	10	06/20/25	06/20/25	



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#### HA03 @ 1' E506161-08

		E300101-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA	Batch: 2525090	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		129 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2525104
Chloride	4220	40.0	2	06/20/25	06/20/25	



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#### HA03 @ 2' E506161-09

		E300101-09				
_		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.7 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		128 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2525104
Chloride	1500	20.0	1	06/20/25	06/20/25	



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PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

SS04 @ 0-6"

		E506161-10				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		125 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104
Chloride	6720	40.0	2	06/20/25	06/20/25	



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Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

HA04 @ 1' E506161-11

		E300101-11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
,				yst: BA	,	Batch: 2525090
Volatile Organics by EPA 8021B	mg/kg	mg/kg		-		Batch: 2323090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		127 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2525104
Chloride	1760	20.0	1	06/20/25	06/20/25	·



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

#### HA04 @ 2' E506161-12

		E300101-12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Lillit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		131 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104
Chloride	675	20.0	1	06/20/25	06/20/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
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Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

SS05 @ 0-6"

		E506161-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		99.7 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.6 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	32.9	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		125 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525104
Chloride	580	20.0	1	06/20/25	06/20/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
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Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

SS06 @ 0-6"

		E506161-14				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		124 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2525104
Chloride	959	20.0	1	06/20/25	06/20/25	·



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SS07 @ 0-6"

		E506161-15				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.0 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		122 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2525104
Chloride	1010	20.0	1	06/20/25	06/20/25	



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SS08 @ 0-6"

		E506161-16				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		132 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104
Chloride	51.9	20.0	1	06/20/25	06/20/25	



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Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

SS09 @ 0-6"

		E506161-17				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	yst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		125 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: IY		Batch: 2525104
Chloride	406	20.0	1	06/20/25	06/20/25	



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Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

#### SS10 @ 0-6"

		E506161-18				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2525090
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.6 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: RAS		Batch: 2525106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25	
Surrogate: n-Nonane		125 %	61-141	06/20/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2525104
Chloride	362	40.0	2	06/20/25	06/20/25	



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Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

#### SS11 @ 0-6''

E506161-19									
		Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090			
Benzene	ND	0.0250	1	06/19/25	06/20/25				
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25				
Toluene	ND	0.0250	1	06/19/25	06/20/25				
o-Xylene	ND	0.0250	1	06/19/25	06/20/25				
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25				
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25				
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/19/25	06/20/25				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090			
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25				
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.0 %	70-130	06/19/25	06/20/25				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106			
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25				
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25				
Surrogate: n-Nonane		123 %	61-141	06/20/25	06/23/25				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104			
Chloride	628	40.0	2	06/20/25	06/20/25				



Hilcorp Energy Co	Project Name:	FRPC 4-1	
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Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

SS12 @ 0-6"

	E506161-20									
		Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes				
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090				
Benzene	ND	0.0250	1	06/19/25	06/20/25					
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25					
Toluene	ND	0.0250	1	06/19/25	06/20/25					
o-Xylene	ND	0.0250	1	06/19/25	06/20/25					
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25					
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25					
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	06/19/25	06/20/25					
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525090				
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25					
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.7 %	70-130	06/19/25	06/20/25					
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525106				
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/23/25					
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/23/25					
Surrogate: n-Nonane		123 %	61-141	06/20/25	06/23/25					
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2525104				
Chloride	679	40.0	2	06/20/25	06/20/25					



### **Sample Data**

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

#### SS13 @ 0-6"

E506161-21									
		Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes			
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2525099			
Benzene	ND	0.0250	1	06/20/25	06/21/25				
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25				
Toluene	ND	0.0250	1	06/20/25	06/21/25				
o-Xylene	ND	0.0250	1	06/20/25	06/21/25				
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25				
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25				
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	06/20/25	06/21/25				
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2525099			
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25				
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	06/20/25	06/21/25				
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2525107			
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25				
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25				
Surrogate: n-Nonane		127 %	61-141	06/20/25	06/24/25				
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2525102			
Chloride	ND	20.0	1	06/20/25	06/20/25				



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Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM
	Volatile Orga	nics by EPA 8021B	Analyst: BA

Houston TX, 77208		Project Manager:	M	itch Killough					6/25/2025 4:30:48PN
		Volatile Organics by EPA 8021B							Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525090-BLK1)							Prepared: 0	6/19/25 A	analyzed: 06/19/25
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	8.44		8.00		106	70-130			
LCS (2525090-BS1)							Prepared: 0	6/19/25 A	analyzed: 06/19/25
Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	5.31	0.0250	5.00		106	70-130			
Toluene	5.26	0.0250	5.00		105	70-130			
o-Xylene	5.24	0.0250	5.00		105	70-130			
o,m-Xylene	10.7	0.0500	10.0		107	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.47		8.00		106	70-130			
Matrix Spike (2525090-MS1)				Source: I	E506161-	04	Prepared: 0	6/19/25 A	analyzed: 06/19/25
Benzene	4.98	0.0250	5.00	ND	99.6	70-130			
Ethylbenzene	5.16	0.0250	5.00	ND	103	70-130			
Toluene	5.12	0.0250	5.00	ND	102	70-130			
o-Xylene	5.09	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.44		8.00		105	70-130			
Matrix Spike Dup (2525090-MSD1)				Source: I	E506161-	04	Prepared: 0	6/19/25 A	analyzed: 06/19/25
Benzene	5.21	0.0250	5.00	ND	104	70-130	4.46	27	
Ethylbenzene	5.38	0.0250	5.00	ND	108	70-130	4.24	26	
Toluene	5.36	0.0250	5.00	ND	107	70-130	4.40	20	
o-Xylene	5.32	0.0250	5.00	ND	106	70-130	4.44	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	4.10	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	4.21	26	
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			



FRPC 4-1 Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 6/25/2025 4:30:48PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2525099-BLK1) Prepared: 06/20/25 Analyzed: 06/21/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.75 8.00 96.9 70-130 LCS (2525099-BS1) Prepared: 06/20/25 Analyzed: 06/21/25 5.19 104 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.06 0.0250 5.00 101 70-130 5.13 0.0250 5.00 103 70-130 Toluene 102 o-Xylene 5.10 0.0250 5.00 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 101 70-130 15.2 15.0 Total Xylenes 0.0250 8.00 96.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.76 Matrix Spike (2525099-MS1) Source: E506160-10 Prepared: 06/20/25 Analyzed: 06/21/25 5.16 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 5.03 0.0250 5.00 101 Toluene 5.24 0.0250 5.00 0.104 103 70-130 5.12 0.0336 102 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.2 0.0500 10.0 0.127 101 70-130 15.4 0.0250 15.0 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.84 8.00 Matrix Spike Dup (2525099-MSD1) Source: E506160-10 Prepared: 06/20/25 Analyzed: 06/21/25 5.04 0.0250 5.00 ND 70-130 2.30 27 ND 70-130 1.53 4.95 0.0250 5.00 99.0 26 Ethylbenzene

0.104

0.0336

0.127

0.161

101

100

100

100

97.5

70-130

70-130

70-130

70-130

70-130

1.69

1.74

0.992

1.24

20

25

23

26

5.15

5.03

10.1

15.2

7.80

0.0250

0.0250

0.0500

0.0250

5.00

5.00

10.0

15.0

8.00



Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

### **QC Summary Data**

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

Houston TX, 77208		Project Manage	r: M	itch Killough				6/2	5/2025 4:30:48PM		
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: BA		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes		
Blank (2525090-BLK1)							Prepared: 0	6/19/25 Anal	yzed: 06/19/25		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130					
LCS (2525090-BS2)							Prepared: 0	6/19/25 Anal	yzed: 06/19/25		
Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.5	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130					
Matrix Spike (2525090-MS2)				Source:	E506161-	04	Prepared: 0	6/19/25 Anal	yzed: 06/19/25		
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0	ND	91.7	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130					
Matrix Spike Dup (2525090-MSD2)				Source:	E506161-	04	Prepared: 0	6/19/25 Anal	yzed: 06/19/25		
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.3	70-130	3.83	20			

8.00

7.80

97.5

70-130



 Hilcorp Energy Co
 Project Name:
 FRPC 4-1
 Reported:

 PO Box 61529
 Project Number:
 17051-0002

 Houston TX, 77208
 Project Manager:
 Mitch Killough
 6/25/2025 4:30:48PM

Houston 1X, //208		Project Manage	r: M	itch Killough				6/2	3/2023 4:30:48PW	
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: BA	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
	mg/kg	mg/kg	mg/kg	mg/kg	/0	/0	/0	70	Notes	
Blank (2525099-BLK1)							Prepared: 0	6/20/25 Anal	yzed: 06/21/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.2	70-130				
LCS (2525099-BS2)							Prepared: 0	6/20/25 Anal	yzed: 06/21/25	
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130				
Matrix Spike (2525099-MS2)				Source:	E506160-	10	Prepared: 0	6/20/25 Anal	yzed: 06/21/25	
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.6	70-130				

Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			
Matrix Spike Dup (2525099-MSD2)				Source:	E506160-1	10	Prepared: 06	6/20/25	Analyzed: 06/21/25
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.5	70-130	2.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

Houston TX, 77208		Project Manage	r: Mi	itch Killough					6/25/2025 4:30:48PN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525106-BLK1)							Prepared: 0	6/20/25 A1	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.3		50.0		119	61-141			
LCS (2525106-BS1)							Prepared: 0	6/20/25 Aı	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	280	25.0	250		112	66-144			
Surrogate: n-Nonane	57.3		50.0		115	61-141			
Matrix Spike (2525106-MS1)				Source:	E506161-	06	Prepared: 0	6/20/25 Aı	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	56-156			
Surrogate: n-Nonane	60.7		50.0		121	61-141			
Matrix Spike Dup (2525106-MSD1)				Source:	E506161-	06	Prepared: 0	6/20/25 A1	nalyzed: 06/23/25
Diesel Range Organics (C10-C28)	321	25.0	250	ND	129	56-156	7.47	20	
Surrogate: n-Nonane	66.0		50.0		132	61-141			



Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

Houston TX, 77208		Project Manage	r: Mi	tch Killough				6/	25/2025 4:30:48PM
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525107-BLK1)							Prepared: 0	6/20/25 Ana	lyzed: 06/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	58.6		50.0		117	61-141			
LCS (2525107-BS1)							Prepared: 0	6/20/25 Ana	lyzed: 06/23/25
Diesel Range Organics (C10-C28)	291	25.0	250		116	66-144			
urrogate: n-Nonane	59.4		50.0		119	61-141			
Matrix Spike (2525107-MS1)				Source:	E506160-	04	Prepared: 0	6/20/25 Ana	lyzed: 06/23/25
Diesel Range Organics (C10-C28)	901	25.0	250	668	93.0	56-156			
urrogate: n-Nonane	137		50.0		273	61-141			S5
Matrix Spike Dup (2525107-MSD1)				Source:	E506160-	04	Prepared: 0	6/20/25 Ana	lyzed: 06/23/25
Diesel Range Organics (C10-C28)	982	25.0	250	668	126	56-156	8.65	20	
Gurrogate: n-Nonane	150		50.0		301	61-141			S5



Chloride

### **QC Summary Data**

Hilcorp Energy Co PO Box 61529	Project Name: Project Number:	FRPC 4-1 17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	6/25/2025 4:30:48PM

Houston TX, 77208		Project Manage	r: M	itch Killough					6/25/2025 4:30:48PM
		Anions	by EPA 3	00.0/9056 <i>A</i>	1				Analyst: JM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2525102-BLK1)							Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Chloride	ND	20.0							
LCS (2525102-BS1)							Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2525102-MS1)				Source:	E506167-	01	Prepared: 0	6/20/25 A	nalyzed: 06/20/25
Chloride	876	20.0	250	618	103	80-120			
Matrix Spike Dup (2525102-MSD1)				Source:	E506167-	01	Prepared: 0	6/20/25 A	nalyzed: 06/20/25

250

20.0

146

80-120

11.7

20



Chloride

M4, R3

#### **QC Summary Data**

Hilcorp Energy Co		Project Name:	F	RPC 4-1					Reported:
PO Box 61529		Project Number:	1	7051-0002					-
Houston TX, 77208		Project Manager:	N	litch Killough					6/25/2025 4:30:48PM
		Anions	by EPA	300.0/9056A					Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2525104-BLK1)							Prepared: 0	6/20/25	Analyzed: 06/20/25
Chloride	ND	20.0							
LCS (2525104-BS1)							Prepared: 0	6/20/25	Analyzed: 06/20/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2525104-MS1)				Source: I	E506161-	07	Prepared: 0	6/20/25	Analyzed: 06/20/25
Chloride	20200	200	250	13300	NR	80-120			M4
Matrix Spike Dup (2525104-MSD1)				Source: I	E506161-	07	Prepared: 0	6/20/25	Analyzed: 06/20/25

250

200

13300

615

80-120

30.7

14800

#### 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 4-1	
l	PO Box 61529	Project Number:	17051-0002	Reported:
l	Houston TX, 77208	Project Manager:	Mitch Killough	06/25/25 16:30

IVIZ	Madia spike recovery was outside quarity control ininits. The associated Less spike recovery was acceptable.
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.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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





		.,																						
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Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 14 days after results are reported unless other arrangements are made.					re made. Hazardous sampl	es will	be return	ned to	clier	nt or c	lispos	sed of	at the	client	expe	nse. T	he re	port fe	or the	analy:	sis of t	ne above s	amples	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.



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Printed: 6/19/2025 9:22:13AM

#### **Envirotech Analytical Laboratory**

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:	06/18/25 1	15:30			Work Order ID:	E506161
Phone:	-	Date Logged In:	06/19/25 0	09:16			Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	06/25/25 1	17:00 (5 day	TAT)			
Chain of Custody (COC)								
	ne sample ID match the COC?		Yes					
	ne number of samples per sampling site location ma	atch the COC	Yes					
3. Were samples dropped off by client or carrier?			Yes	Car	rrier: <u>T</u>	racey D.		
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?			Yes					
5. Were a	<ol> <li>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.     </li> </ol>		Yes				Comment	s/Resolution
	urn Around Time (TAT)		***					
	COC indicate standard TAT, or Expedited TAT?		Yes					
Sample C			Ven					
	sample cooler received? was cooler received in good condition?		Yes					
•	<b>g</b>		Yes					
	e sample(s) received intact, i.e., not broken?		Yes					
	custody/security seals present?		No					
11. If yes,	were custody/security seals intact?		NA					
12. Was th	e sample received on ice?  Note: Thermal preservation is not required, if samples a 15 minutes of sampling	re received within	Yes					
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.								
Sample Container								
14. Are a	queous VOC samples present?		No					
15. Are V	OC samples collected in VOA Vials?		NA					
16. Is the	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 no	on-VOC samples collected in the correct container	s?	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 in	formation:						
	ample ID?		Yes					
	ate/Time Collected?		Yes					
	ollectors name?		Yes					
	<u>'reservation</u> the COC or field labels indicate the samples were p	magamiad?	No					
	·	oreserveu?	No NA					
	ample(s) correctly preserved? filtration required and/or requested for dissolved n	atolc?	No					
	•	ictais:	NO					
	se Sample Matrix	0						
	the sample have more than one phase, i.e., multiph		No					
27. If yes,	does the COC specify which phase(s) is to be ana	lyzed?	NA					
	act Laboratory							
	amples required to get sent to a subcontract laborat	•	No					
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcontra	act Lab	: NA		
Client Instruction								

Date

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 4-1

Work Order: E508142

Job Number: 17051-0002

Received: 8/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/15/25

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: 8/15/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: FRPC 4-1 Workorder: E508142

Date Received: 8/12/2025 3:05:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2025 3:05:00PM, under the Project Name: FRPC 4-1.

The analytical test results summarized in this report with the Project Name: FRPC 4-1 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

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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

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#### Sample Summary

Γ	Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
l	PO Box 61529	Project Number:	17051-0002	Reported:
l	Houston TX, 77208	Project Manager:	Mitch Killough	08/15/25 15:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01A @ 4'	E508142-01A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS02A @ 4'	E508142-02A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS03A @ 4'	E508142-03A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS04A @ 4'	E508142-04A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS05A @ 4'	E508142-05A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS06A @ 4'	E508142-06A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS07A @ 4'	E508142-07A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS08A @ 4'	E508142-08A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS09A @ 4'	E508142-09A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS10A @ 4'	E508142-10A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS11A @ 4'	E508142-11A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS12A @ 4'	E508142-12A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS13A @ 4'	E508142-13A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
FS14A @ 4'	E508142-14A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
SW01A @ 0-4'	E508142-15A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
SW02A @ 0-4'	E508142-16A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
SW03A @ 0-4'	E508142-17A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
SW04A @ 0-4'	E508142-18A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.
SW05A @ 0-4'	E508142-19A	Soil	08/12/25	08/12/25	Glass Jar, 4 oz.



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS01A @ 4' E508142-01

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066	
Chloride	2360	20.0	1	08/14/25	08/14/25		

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS02A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066	
Chloride	2390	40.0	2	08/14/25	08/14/25		



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS03A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS04A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066	
Chloride	1590	20.0	1	08/14/25	08/14/25		



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS05A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: IY		Batch: 2533066	
Chloride	1010	20.0	1	08/14/25	08/14/25		



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS06A @ 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066
Chloride	272	20.0	1	08/14/25	08/15/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS07A @ 4'

E508142-07	
Reporting	

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: l	IY		Batch: 2533066	
Chloride	724	20.0	1	08/14/25	08/14/25		_



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS08A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: IY		Batch: 2533066	
Chloride	812	20.0	1	08/14/25	08/15/25		



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS09A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS10A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066	
Chloride	766	20.0	1	08/14/25	08/15/25		



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS11A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	- 1
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS12A @ 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS13A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	: IY		Batch: 2533066	
Chloride	652	20.0	1	08/14/25	08/15/25		



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

FS14A @ 4'

		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

SW01A @ 0-4'

E508142-1	5
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

SW02A @ 0-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

SW03A @ 0-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

SW04A @ 0-4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/15/2025 3:00:09PM

SW05A @ 0-4'

E5081	42-19
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		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	IY		Batch: 2533066	



#### **QC Summary Data**

Hilcorp Energy Co		Project Name:	F	RPC 4-1					Reported:
PO Box 61529		Project Number:	1′	7051-0002					
Houston TX, 77208		Project Manager	: M	litch Killough					8/15/2025 3:00:09PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	١				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2533066-BLK1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Chloride	ND	20.0							
LCS (2533066-BS1)							Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2533066-MS1)				Source:	E508142-0	07	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Chloride	964	20.0	250	724	96.1	80-120			
Matrix Spike Dup (2533066-MSD1)				Source:	E508142-0	07	Prepared: 0	8/14/25 A	nalyzed: 08/14/25
Chloride	1100	20.0	250	724	152	80-120	13.4	20	M1

#### 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 4-1	
l	PO Box 61529	Project Number:	17051-0002	Reported:
l	Houston TX, 77208	Project Manager:	Mitch Killough	08/15/25 15:00

M1 Matrix spike recovery was above acceptance limits. 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
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						other arrangements are r	made. Hazardous sa													ort for t	he analysis of the	above
samples is	applicable only	to those s	amples rec	eived by the	laboratory	with this COC. The liabili	ity of the laboratory	is limit	ted to the	e amo	unt pai	id for o	on the	repor	t.							





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Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other				AVG Temp °C   Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
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# envirotech<sup>20</sup>

envirotech Inc.

Printed: 8/12/2025 4:29:34PM

#### **Envirotech Analytical Laboratory**

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:	08/12/25	15:05	Work Order ID:	E508142
Phone:	-	Date Logged In:	08/12/25	16:21	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	08/15/25	07:00 (3 day TAT)		
	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	atch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Harper Pe	<u>ck</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	ts/Resolution
	[urn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	•					
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
• •	e sample(s) received intact, i.e., not broken?					
			Yes			
	custody/security seals present?		No			
<del>-</del>	, were custody/security seals intact?		NA			
12. Was th	ne sample received on ice?  Note: Thermal preservation is not required, if samples a 15 minutes of sampling	re received within	Yes			
13. See C	OC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comments.		
Sample (	<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC 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 n	on-VOC samples collected in the correct container	s?	Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal	bel					
20. Were	field sample labels filled out with the minimum inf	ormation:				
S	ample ID?		Yes			
	Pate/Time Collected?		Yes			
	follectors name?		Yes			
	Preservation					
	the COC or field labels indicate the samples were p	oreserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved n	netals?	No			
Multipha	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multiph	ase?	No			
27. If yes	, does the COC specify which phase(s) is to be ana	lyzed?	NA			
Subcontr	ract Laboratory					
	amples required to get sent to a subcontract laborate	ory?	No			
	a subcontract laboratory specified by the client and	-	NA	Subcontract Lab: NA		
	nstruction_					
1						
1						
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Date

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

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 4-1

Work Order: E508284

Job Number: 17051-0002

Received: 8/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/29/25

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: 8/29/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: FRPC 4-1 Workorder: E508284

Date Received: 8/26/2025 2:15:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/26/2025 2:15:00PM, under the Project Name: FRPC 4-1.

The analytical test results summarized in this report with the Project Name: FRPC 4-1 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

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Client Representative

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mgonzales@envirotech-inc.com

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#### Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	Keporteu:
Houston TX, 77208	Project Manager:	Mitch Killough	08/29/25 13:51

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 @ 4'	E508284-01A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH01 @ 6'	E508284-02A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH02 @ 4'	E508284-03A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH02 @ 6'	E508284-04A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH03 @ 2'	E508284-05A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH03 @ 4'	E508284-06A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH04 @ 2'	E508284-07A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH04 @ 4'	E508284-08A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH05 @ 0'	E508284-09A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH05 @ 2'	E508284-10A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH06 @ 0'	E508284-11A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
PH06 @ 2'	E508284-12A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
HA05 @ 0'	E508284-13A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
HA05 @ 1'	E508284-14A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
HA05 @ 2'	E508284-15A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.
HA06 @ 0'	E508284-16A	Soil	08/26/25	08/26/25	Glass Jar, 2 oz.

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### PH01 @ 4' E508284-01

		E300204-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Toluene	ND	0.0250	1	08/26/25	08/27/25	
o-Xylene	ND	0.0250	1	08/26/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KH		Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		102 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2535056
Chloride	137	20.0	1	08/27/25	08/27/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### PH01 @ 6' E508284-02

		E30020+ 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Toluene	ND	0.0250	1	08/26/25	08/27/25	
o-Xylene	ND	0.0250	1	08/26/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		95.3 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2535056
Chloride	90.9	20.0	1	08/27/25	08/27/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### PH02 @ 4' E508284-03

Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: SL			Batch: 2535043
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0500	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
	88.7 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2535043
ND	20.0	1	08/26/25	08/27/25	
	93.4 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Analyst: KH			Batch: 2535047
ND	25.0	1	08/27/25	08/27/25	
ND	50.0	1	08/27/25	08/27/25	
	101 %	61-141	08/27/25	08/27/25	
mg/kg	mg/kg	Ana	lyst: TP		Batch: 2535056
509	20.0	1	08/27/25	08/27/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           88.7 %         mg/kg           mg/kg         mg/kg           ND         20.0           93.4 %         mg/kg           ND         25.0           ND         50.0           101 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           88.7 %         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           93.4 %         70-130         1           mg/kg         mg/kg         Ana           ND         25.0         1           ND         50.0         1           101 %         61-141           mg/kg         mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0500         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25           ND         50.0         1         08/27/25           ND         50.0         1         08/27/25           mg/kg         Mg/27/25         Analyst: TP         Analyst: TP	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25         08/27/25           ND         0.0500         1         08/26/25         08/27/25           ND         0.0250         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25         08/27/25           ND         25.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         <



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Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### PH02 @ 6' E508284-04

		E300204-04					
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2535043	
Benzene	ND	0.0250	1	08/26/25	08/27/25		
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25		
Coluene	ND	0.0250	1	08/26/25	08/27/25		
-Xylene	ND	0.0250	1	08/26/25	08/27/25		
o,m-Xylene	ND	0.0500	1	08/26/25	08/27/25		
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25		
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	08/26/25	08/27/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2535043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	08/26/25	08/27/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2535047	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25		
Surrogate: n-Nonane		95.9 %	61-141	08/27/25	08/27/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2535056	
Chloride	90.8	20.0	1	08/27/25	08/27/25		



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#### PH03 @ 2' E508284-05

	1300204 03				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2535043
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0500	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
	87.9 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2535043
ND	20.0	1	08/26/25	08/27/25	
	93.7 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2535047
ND	25.0	1	08/27/25	08/27/25	
ND	50.0	1	08/27/25	08/27/25	
	98.0 %	61-141	08/27/25	08/27/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2535056
ND	20.0	1	08/27/25	08/27/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           87.9 %         mg/kg           mg/kg         mg/kg           ND         20.0           93.7 %         mg/kg           ND         25.0           ND         50.0           98.0 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           87.9 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           93.7 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           98.0 %         61-141         61-141           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0500         1         08/26/25           ND         0.0250         1         08/26/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25           ND         50.0         1         08/27/25           ND         50.0         1         08/27/25           MD         50.0         1         08/27/25           Mg/kg         Mg/kg         Analyst: TP	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25         08/27/25           ND         0.0500         1         08/26/25         08/27/25           ND         0.0250         1         08/26/25         08/27/25           87.9 %         70-130         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25         08/27/25           ND         25.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND



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#### PH03 @ 4' E508284-06

		E300204-00					
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	1 7			Batch: 2535043	
Benzene	ND	0.0250	1	08/26/25	08/27/25		
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25		
Toluene	ND	0.0250	1	08/26/25	08/27/25		
o-Xylene	ND	0.0250	1	08/26/25	08/27/25		
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25		
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25		
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	08/26/25	08/27/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2535043		
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	08/26/25	08/27/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2535047	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25		
Surrogate: n-Nonane		101 %	61-141	08/27/25	08/27/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2535056	
Chloride	ND	20.0	1	08/27/25	08/27/25		



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#### PH04 @ 2' E508284-07

	E300204 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2535043
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0500	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
	89.0 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2535043
ND	20.0	1	08/26/25	08/27/25	
	93.2 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2535047
ND	25.0	1	08/27/25	08/27/25	
ND	50.0	1	08/27/25	08/27/25	
	98.2 %	61-141	08/27/25	08/27/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2535056
324	20.0	1	08/27/25	08/27/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           89.0 %         mg/kg           MD         20.0           93.2 %         mg/kg           ND         25.0           ND         50.0           98.2 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           89.0 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.2 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           98.2 %         61-141           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0500         1         08/26/25           ND         0.0250         1         08/26/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25           ND         50.0         1         08/27/25           ND         50.0         1         08/27/25           MD         50.0         1         08/27/25           Mg/kg         Mg/kg         Analyst: TP	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25         08/27/25           ND         0.0500         1         08/26/25         08/27/25           ND         0.0250         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         <



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#### PH04 @ 4' E508284-08

		E300204-00					
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2535043	
Benzene	ND	0.0250	1	08/26/25	08/27/25		
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25		
Toluene	ND	0.0250	1	08/26/25	08/27/25		
o-Xylene	ND	0.0250	1	08/26/25	08/27/25		
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25		
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25		
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	08/26/25	08/27/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2535043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	08/26/25	08/27/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2535047	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25		
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25		
Surrogate: n-Nonane		98.4 %	61-141	08/27/25	08/27/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2535056	
Chloride	157	20.0	1	08/27/25	08/27/25		



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#### PH05 @ 0' E508284-09

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2535043
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0500	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
	88.7 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2535043
ND	20.0	1	08/26/25	08/27/25	
	93.2 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Analy	yst: KH		Batch: 2535047
ND	25.0	1	08/27/25	08/27/25	
ND	50.0	1	08/27/25	08/27/25	
	98.7 %	61-141	08/27/25	08/27/25	
mg/kg	mg/kg	Analy	yst: TP		Batch: 2535056
363	20.0	1	08/27/25	08/27/25	
	mg/kg ND Mg/kg ND mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           88.7 %         mg/kg           MD         20.0           93.2 %         mg/kg           MD         25.0           ND         50.0           98.7 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           88.7 %         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           93.2 %         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           98.7 %         61-141         61-141           mg/kg         mg/kg         Analy	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0500         1         08/26/25           ND         0.0250         1         08/26/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25           mg/kg         mg/kg/25         08/26/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25           ND         50.0         1         08/27/25           ND         50.0         1         08/27/25           mg/kg         mg/kg         Analyst: KH	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25         08/27/25           ND         0.0500         1         08/26/25         08/27/25           ND         0.0250         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         <



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#### PH05 @ 2' E508284-10

		E300204-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Coluene	ND	0.0250	1	08/26/25	08/27/25	
-Xylene	ND	0.0250	1	08/26/25	08/27/25	
o,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	g Analyst: SL			Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		102 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2535056
Chloride	37.8	20.0	1	08/27/25	08/27/25	



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#### PH06 @ 0' E508284-11

	1300204 11				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2535043
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
ND	0.0500	1	08/26/25	08/27/25	
ND	0.0250	1	08/26/25	08/27/25	
	88.7 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2535043
ND	20.0	1	08/26/25	08/27/25	
	93.0 %	70-130	08/26/25	08/27/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2535047
ND	25.0	1	08/27/25	08/27/25	
ND	50.0	1	08/27/25	08/27/25	
	99.9 %	61-141	08/27/25	08/27/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2535056
139	20.0	1	08/27/25	08/27/25	
	mg/kg ND mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           88.7 %         mg/kg           mg/kg         mg/kg           ND         20.0           93.0 %         mg/kg           ND         25.0           ND         50.0           99.9 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           88.7 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.0 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           99.9 %         61-141           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0250         1         08/26/25           ND         0.0500         1         08/26/25           ND         0.0250         1         08/26/25           mg/kg         mg/kg         Analyst: SL           MD         20.0         1         08/26/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25           ND         50.0         1         08/27/25           ND         50.0         1         08/27/25           MD         50.0         1         08/27/25           Mg/kg         Mg/kg         Analyst: TP	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         08/26/25         08/27/25           ND         0.0500         1         08/26/25         08/27/25           ND         0.0250         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         08/26/25         08/27/25           mg/kg         mg/kg         Analyst: KH           ND         25.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         1         08/27/25         08/27/25           ND         50.0         <



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### PH06 @ 2' E508284-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Toluene	ND	0.0250	1	08/26/25	08/27/25	
o-Xylene	ND	0.0250	1	08/26/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		100 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2535056
Chloride	138	20.0	1	08/27/25	08/27/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### HA05 @ 0' E508284-13

		E300204-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Toluene	ND	0.0250	1	08/26/25	08/27/25	
o-Xylene	ND	0.0250	1	08/26/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KH		Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		96.6 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2535056
Chloride	1200	20.0	1	08/27/25	08/27/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### HA05 @ 1' E508284-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Toluene	ND	0.0250	1	08/26/25	08/27/25	
o-Xylene	ND	0.0250	1	08/26/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		101 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2535056
Chloride	40.9	20.0	1	08/27/25	08/27/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### HA05 @ 2' E508284-15

		E300204 13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Toluene	ND	0.0250	1	08/26/25	08/27/25	
o-Xylene	ND	0.0250	1	08/26/25	08/27/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		104 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2535056
Chloride	139	20.0	1	08/27/25	08/27/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

#### HA06 @ 0' E508284-16

		E300204-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2535043
Benzene	ND	0.0250	1	08/26/25	08/27/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/27/25	
Coluene	ND	0.0250	1	08/26/25	08/27/25	
-Xylene	ND	0.0250	1	08/26/25	08/27/25	
,m-Xylene	ND	0.0500	1	08/26/25	08/27/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/27/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2535043
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/27/25	
iurrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	08/26/25	08/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2535047
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/25	08/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/25	08/27/25	
Surrogate: n-Nonane		98.2 %	61-141	08/27/25	08/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2535056
Chloride	68.3	20.0	1	08/27/25	08/27/25	



Total Xylenes

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2535043-MSD1)

### **QC Summary Data**

FRPC 4-1 Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 8/29/2025 1:51:59PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2535043-BLK1) Prepared: 08/26/25 Analyzed: 08/27/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.83 8.00 85.4 70-130 LCS (2535043-BS1) Prepared: 08/26/25 Analyzed: 08/27/25 4.85 96.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.73 0.0250 5.00 94.6 70-130 4.81 0.0250 5.00 96.3 70-130 Toluene 4.74 94.7 o-Xylene 0.0250 5.00 70-130 9.59 10.0 95.9 70-130 0.0500 p.m-Xvlene 95.5 14.3 15.0 70-130 Total Xylenes 0.0250 8.00 89.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.12 Matrix Spike (2535043-MS1) Source: E508284-04 Prepared: 08/26/25 Analyzed: 08/27/25 4.92 0.0250 5.00 ND 70-130 Benzene ND 95.5 70-130 Ethylbenzene 4.78 0.0250 5.00 Toluene 4.88 0.0250 5.00 ND 97.6 70-130 ND 70-130 4.81 5.00 96.1 0.0250 o-Xylene p,m-Xylene 9.69 0.0500 10.0 ND 96.9 70-130

15.0

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

ND

Source: E508284-04

115

112

114

111

114

113

88.9

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

70-130

15.8

16.3

15.8

14.8

15.9

15.5

14.5

7.14

5.76

5.62

5.72

5.57

11.4

16.9

7.12

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250



Prepared: 08/26/25 Analyzed: 08/27/25

27

26

20

25

23

26

### **QC Summary Data**

FRPC 4-1 Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Project Manager: Houston TX, 77208 Mitch Killough 8/29/2025 1:51:59PM

Nonhalogenated	Organics	by EPA 8015D - GRO
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Analyst: SL

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

	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2535043-BLK1)							Prepared: 0	8/26/25 Anal	yzed: 08/27/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS (2535043-BS2)							Prepared: 0	8/26/25 Anal	yzed: 08/27/25
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.4	70-130			
Matrix Spike (2535043-MS2)				Source:	E508284-	04	Prepared: 0	8/26/25 Anal	yzed: 08/27/25
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			
Matrix Spike Dup (2535043-MSD2)				Source:	E508284-	04	Prepared: 0	8/26/25 Anal	yzed: 08/27/25
Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130	9.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			



## **QC Summary Data**

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	·
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

Houston TX, 77208		Project Manage	r: M	itch Killough					8/29/2025 1:51:59PN
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2535047-BLK1)							Prepared: 0	8/27/25 An	alyzed: 08/27/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.5		50.0		95.1	61-141			
LCS (2535047-BS1)							Prepared: 0	8/27/25 An	alyzed: 08/27/25
Diesel Range Organics (C10-C28)	273	25.0	250		109	66-144			
Surrogate: n-Nonane	52.4		50.0		105	61-141			
Matrix Spike (2535047-MS1)				Source:	E508284-	02	Prepared: 0	8/27/25 An	alyzed: 08/27/25
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	50.5		50.0		101	61-141			
Matrix Spike Dup (2535047-MSD1)				Source:	E508284-	02	Prepared: 0	8/27/25 An	alyzed: 08/27/25
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	56-156	2.06	20	
Surrogate: n-Nonane	49.6		50.0		99.3	61-141			

### **QC Summary Data**

Hilcorp Energy Co		Project Name:	F	RPC 4-1					Reported:
PO Box 61529		Project Number:	1	7051-0002					
Houston TX, 77208		Project Manager	: N	litch Killough					8/29/2025 1:51:59PM
		Anions	by EPA	300.0/9056	1				Analyst: TP
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2535056-BLK1)							Prepared: 0	8/27/25 A	nalyzed: 08/27/25
Chloride	ND	20.0							
LCS (2535056-BS1)							Prepared: 0	8/27/25 A	nalyzed: 08/27/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2535056-MS1)				Source:	E508284-	08	Prepared: 0	8/27/25 A	nalyzed: 08/27/25
Chloride	422	20.0	250	157	106	80-120			
Matrix Spike Dup (2535056-MSD1)				Source:	E508284-	08	Prepared: 0	8/27/25 A	nalyzed: 08/27/25
Chloride	414	20.0	250	157	103	80-120	1.78	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 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	08/29/25 13:51

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	Custo	dy

Pag	e <u> </u>	of <u>Z</u>
State O UT		Received by OCD: 11/14/2025 12:17:21 PM
Progra	m	D.
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Υ	or N	/14/202:
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		21
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	Clie	nt Inforn	nation			Invoice Information			Lab Use Only								TAT				Sta	te
Client:											1D	2D	3D S	d b	VM CO U	ТХ						
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	nber	DRO/ORO by 8015	GRO/DRO by 8015	втех by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Temp	Remark	S
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0911				PHO	0106	•		2												43		
683Z				PH (	120 L	\'		3												4.5		
0953				PHO	206	,		4												4.		
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1052				PHO	402	1		7												4,2		
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0844				PHO	5C 0	,		9												4.	6	
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	TRACY		<u>owski</u>																			
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	estar)			26/25	1415	Received by: (Signature)	<u> 3</u>	<u> 262</u>	<u>S</u>	19	(1)	•	1		sample	ed or rec	eived p	oacked in	n ice at an	avg temp ab	ove 0 but less than	6°C on
Relinquish	ed by: (Signature	e)	Date		Time	Received by: (Signature)	sampled or received packed in ice at an avg temp above 0 but throughout date  Lab Use Only  Received on ice: N						у									
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		1	Time					T1			- <del>-</del> ·	<i>∵</i> ,		Т3	
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date	<del></del> ,	+	Time					, , ,	Tem	n°C		<u> </u>		_ 13	
Sample Mat	trix: S - Soll, Sd - Se	olid. Sg - Stud	ize. A - Aque	ous, O - Other			Con	tainer T	vpe:	g - s	zlass.	<b>D</b> - D	l Olv/pi	astic					VOAT			
						her arrangements are made. Hazardous s			• •			• •								the anal	sis of the abov	e samples is
						C. The liability of the laboratory is limited																p



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									Chain of	Cust	ody														P	age <u>2</u>	Received by OCD: 11/14/2025 12:17:21 PM
<u> </u>	-	Clie	nt li	nform	atio	n			Invoice Information		T			Li	ab U	se Oı	nly				Т/	AT.			Sta	ate	red
Client: Project N	Hilco	RP							ompany:			Lab V	/O#			Job	Nun	nber		1D	2D	3D S	Std	N	и со и	TITX	by
								_     _	ddress:			E 5	<u>80</u>	$\Sigma$	<u>4</u>	1170	<u>51.</u>	<u>000</u>	<u>Z</u>				$\overline{\mathbf{X}}$	$\Box$			9
Project N		er: M	itch	0 KI	(DO	310			City, State, Zip:																		
Address: City, Stat								, , -	hone:			-				Ana	alysi	s and	Met	hod			_		EPA Prog	ram	
Phone:	<u>, 210.</u>		-						nail: scellaneous:									1					ŀ	SDWA	CWA	RCRA	- S
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Time Sampled	Date S	ampled	м	latrix		o. of tainers			Sample ID	Field	Lal Num	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	XT- 2001 D37	RCRA 8 Metals				Temp	Remar	ks	2:17:5
0845	8/26	125	50	016	1-1	402	PH	0660,		$\perp$	И		X	X	X		X							38			21 PA
1025							PH	0602'			12		$\prod$		Ц		$\prod$							4.2			
1040								10500	·	<u> </u>	13		$\coprod$	$\perp$			Ц						$\overline{}$	4.1			_
1043						}_		105 e 1'	<del></del>	-	14	4	$\parallel$	$\perp$	Ц	_	Ц						$\dashv$	4.4			
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I, (field samp Sampled by:	oler), atte	est to the	valid	dity and	authe	nticity o	of this sampl	e. I am aware tha	t tampering with or intentionally mislabeling	the sam	ple loca	tlon, da	ite or	time	of col	lection	is cor	sidere	d frauc	and m	ay be	grounds	for le	gal action	).		1
Relinguish		ignatur	Date Time Received by: (Signature)    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.																								
Relinquish	ed by: (S	Signatur	e)			Date		Time	Received by: (Signature)	Date			me	Lab Use Only Received on ice: (Y) N					1								
Relinquish	ed by: (S	Signatur	e)			Date		Time	Received by: (Signature)	Date		Time															
Relinquish	ed by: (S	Signatur	e)			Date		Time	Received by: (Signature)	Date	****	Ti	me	- ·					Ten	ıp °C					<del>4.7</del> 7.		
Sample Mat	rix: S - Sc		olid, S		ge, A	Aqueo	us, O - Othe	<u> </u>		Cont	ainer 1	ype:	g - g	lass,	<b>p</b> - p	oly/p	astic					VOA					1

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.



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Printed: 8/26/2025 2:32:56PM

#### **Envirotech Analytical Laboratory**

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:	08/26/25 1	4:15		Work Order ID:	E508284
Phone:	-	Date Logged In:	08/26/25 1	4:23		Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	09/02/25 0	7:00 (5 day TAT)			
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Tr	racey D.		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes		<del></del>		
5. Were al	l samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted i.e. 15 minute hold time, are not included in this disucss					Comment	s/Resolution
Sample T	urn Around Time (TAT)	ion.		Г			
	COC indicate standard TAT, or Expedited TAT?		Yes				
	· •		103				
Sample C	ample cooler received?		Yes				
	was cooler received in good condition?		Yes				
• •	e sample(s) received intact, i.e., not broken?						
	custody/security seals present?		Yes				
	were custody/security seals intact?		No				
• •	,		NA				
12. Was the	e sample received on ice?  Note: Thermal preservation is not required, if samples a 15 minutes of sampling	re received within	Yes				
13. See C	OC for individual sample temps. Samples outside of	of 0°C-6°C will be	recorded in	n comments.			
Sample C	<u>Container</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers	s?	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	iners collected?	Yes				
Field Lab	<u>el</u>						
	field sample labels filled out with the minimum inf	ormation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
	reservation		Yes				
	the COC or field labels indicate the samples were p	reserved?	No				
	imple(s) correctly preserved?	reserved.	NA				
	filtration required and/or requested for dissolved m	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipla	ase?	No				
	does the COC specify which phase(s) is to be anal		NA NA				
		yzeu.	INA				
	act Laboratory		3.7				
	imples required to get sent to a subcontract laborate	-	No		3.7.4		
29. was a	subcontract laboratory specified by the client and	ii so wno?	NA	Subcontract Lab:	: NA		
Client In	struction						

Date

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

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 4-1

Work Order: E509159

Job Number: 17051-0002

Received: 9/15/2025

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 9/26/25

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: 9/26/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: FRPC 4-1 Workorder: E509159

Date Received: 9/15/2025 4:15:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/15/2025 4:15:00PM, under the Project Name: FRPC 4-1.

The analytical test results summarized in this report with the Project Name: FRPC 4-1 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

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Laboratory Administrator Office: 505-632-1881

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Client Representative

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Cell: 505-947-8222

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Envirotech Web Address: www.envirotech-inc.com



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## Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	Donoutoda
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	09/26/25 12:13

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 @ 6'	E509159-01A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS02 @ 4'	E509159-02A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS03 @ 8'	E509159-03A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS04 @ 6'	E509159-04A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS05 @ 6'	E509159-05A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS06 @ 8'	E509159-06A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS07 @ 6'	E509159-07A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS08 @ 8'	E509159-08A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS09 @ 8'	E509159-09A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS10 @ 4'	E509159-10A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS11 @ 6'	E509159-11A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS12 @ 4'	E509159-12A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS13 @ 6'	E509159-13A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
FS14 @ 4'	E509159-14A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW01 @ 0-4'	E509159-15A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW02 @ 0-4'	E509159-16A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW03 @ 0-6'	E509159-17A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW04 @ 0-4'	E509159-18A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW05 @ 0-6'	E509159-19A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW06 @ 0-6'	E509159-20A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW07 @ 0-4'	E509159-21A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.
SW08 @ 0-4'	E509159-22A	Soil	09/15/25	09/15/25	Glass Jar, 4 oz.



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Case	Na	ratiz	70.
Casc	1 Na	ιαιιν	· C .

Project Name: FRPC 4-1 Workorder:E509159

Date Received: 09/15/25 16:15

The client requested the following sample(s) to be re-extracted and re-analyzed:

Sample Name

<u>Laboratory ID</u>

**Analysis** 

SW02 @ 0-4'

E509159-16A

300.0 Chloride

The analytical test results summarized in this revised report represent this re-extration and re-analysis.

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

Respectfully,

Walter Hinchman

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

FS01 @ 6' E509159-01

		E203123-01				
Austra	Result	Reporting Limit	Dilution	D	A	Notes
Analyte	Resuit	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		94.5 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		92.1 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2538047
Chloride	190	20.0	1	09/16/25	09/17/25	

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

FS02 @ 4' E509159-02

		2007107 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
thylbenzene	ND	0.0250	1	09/16/25	09/17/25	
oluene	ND	0.0250	1	09/16/25	09/17/25	
-Xylene	ND	0.0250	1	09/16/25	09/17/25	
,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
otal Xylenes	ND	0.0250	1	09/16/25	09/17/25	
iurrogate: 4-Bromochlorobenzene-PID		94.6 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
asoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/16/25	09/17/25	
Onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Dil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
'urrogate: n-Nonane		93.8 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2538047
Chloride	397	20.0	1	09/16/25	09/17/25	

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### FS03 @ 8' E509159-03

	E307137-03				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2538044
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0500	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
	93.8 %	70-130	09/16/25	09/17/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2538044
ND	20.0	1	09/16/25	09/17/25	
	110 %	70-130	09/16/25	09/17/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2538051
ND	25.0	1	09/17/25	09/17/25	
ND	50.0	1	09/17/25	09/17/25	
	89.1 %	61-141	09/17/25	09/17/25	
mg/kg	mg/kg	Anal	yst: TP		Batch: 2538047
327	20.0	1	09/16/25	09/17/25	
	mg/kg ND Mg/kg ND mg/kg	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MB/kg         mg/kg           MB/kg         mg/kg           ND         20.0           110 %         mg/kg           ND         25.0           ND         50.0           89.1 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           MD         20.0250         1           Img/kg         mg/kg         Analy           ND         20.0         1           Il0 %         70-130         1           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           89.1 %         61-141         1           mg/kg         mg/kg         Analy	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0500         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         09/16/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/17/25           ND         50.0         1         09/17/25           89.1 %         61-141         09/17/25           mg/kg         mg/kg         Analyst: TP	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           ND         0.0500         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         09/16/25         09/17/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/17/25         09/17/25           ND         50.0         1         09/17/25



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

FS04 @ 6' E509159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/16/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/16/25	
Toluene	ND	0.0250	1	09/16/25	09/16/25	
o-Xylene	ND	0.0250	1	09/16/25	09/16/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/16/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/16/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	09/16/25	09/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	/st: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/16/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		113 %	70-130	09/16/25	09/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		105 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: TP		Batch: 2538047
Chloride	370	20.0	1	09/16/25	09/17/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
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Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

FS05 @ 6' E509159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		89.6 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: TP		Batch: 2538047
Chloride	182	20.0	1	09/16/25	09/17/25	

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

FS06 @ 8' E509159-06

		1307137 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		91.2 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2538047
Chloride	145	20.0	1	09/16/25	09/17/25	



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FS07 @ 6' E509159-07

		E307137-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Coluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		91.0 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: TP		Batch: 2538047
Chloride	247	20.0	1	09/16/25	09/17/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
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FS08 @ 8' E509159-08

		2007107 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
oluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Fotal Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		109 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
urrogate: n-Nonane		91.4 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2538047
Chloride	243	20.0	1	09/16/25	09/17/25	

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FS09 @ 8' E509159-09

		2007107 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	•		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
oluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		92.5 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2539068
Chloride	521	20.0	1	09/23/25	09/23/25	

Hilcorp Energy Co	Project Name:	FRPC 4-1	
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FS10 @ 4' E509159-10

	L307137 10				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: SL		Batch: 2538044	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0500	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
	94.5 %	70-130	09/16/25	09/17/25	
mg/kg	mg/kg	Analyst: SL		Batch: 2538044	
ND	20.0	1	09/16/25	09/17/25	
	108 %	70-130	09/16/25	09/17/25	
mg/kg	mg/kg	Analyst: HM		Batch: 2538051	
ND	25.0	1	09/17/25	09/17/25	
ND	50.0	1	09/17/25	09/17/25	
	92.1 %	61-141	09/17/25	09/17/25	
_		Analyst: TP		2520045	
mg/kg	mg/kg	Analy	st: 1P		Batch: 2538047
	mg/kg ND	Result         Reporting Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           ND         0.0250           MD         0.0250           MD         20.0250           Mg/kg         mg/kg           Mg/kg         mg/kg           ND         20.0           Mg/kg         mg/kg           ND         25.0           ND         50.0	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Analy           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           94.5 %         70-130         70-130           mg/kg         mg/kg         Analy           ND         20.0         1           108 %         70-130         70-130           mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           92.1 %         61-141	Reporting         Reporting         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0500         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           mg/kg         mg/kg         Analyst: SL           MD         20.0         1         09/16/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/17/25           ND         50.0         1         09/17/25           ND         50.0         1         09/17/25	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           ND         0.0500         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           MD         0.0250         1         09/16/25         09/17/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         09/16/25         09/17/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/17/25         09/17/25           ND         50.0         1         09/17/25         09/17/25           ND         50.0         1         09/17/25         09/17/25



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FS11 @ 6' E509159-11

		200710711				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
oluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Fotal Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		110 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		92.4 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2538047
Chloride	401	20.0	1	09/16/25	09/18/25	

Hilcorp Energy Co	Project Name:	FRPC 4-1	
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FS12 @ 4' E509159-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		95.6 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		91.8 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: TP		Batch: 2538047
Chloride	222	20.0	1	09/16/25	09/18/25	<del></del>

Hilcorp Energy Co	Project Name:	FRPC 4-1	
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Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

FS13 @ 6' E509159-13

		200710710				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
oluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		96.0 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		89.5 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: TP		Batch: 2538047
Chloride	121	20.0	1	09/16/25	09/18/25	

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FS14 @ 4' E509159-14

		200710711				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
oluene	ND	0.0250	1	09/16/25	09/17/25	
-Xylene	ND	0.0250	1	09/16/25	09/17/25	
,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Dil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
urrogate: n-Nonane		90.2 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: TP		Batch: 2538047
Chloride	2650	20.0	1	09/16/25	09/18/25	

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#### SW01 @ 0-4' E509159-15

		E307137-13				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		95.2 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		93.6 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: TP		Batch: 2538047
Chloride	6510	100	5	09/16/25	09/18/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### SW02 @ 0-4' E509159-16

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2538044
		1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
ND	0.0500	1	09/16/25	09/17/25	
ND	0.0250	1	09/16/25	09/17/25	
	96.9 %	70-130	09/16/25	09/17/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2538044
ND	20.0	1	09/16/25	09/17/25	
	109 %	70-130	09/16/25	09/17/25	
mg/kg	mg/kg	Anal	yst: HM		Batch: 2538051
ND	25.0	1	09/17/25	09/17/25	
ND	50.0	1	09/17/25	09/17/25	
	94.8 %	61-141	09/17/25	09/17/25	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2539143
591	20.0	1	09/25/25	09/25/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0           109 %         mg/kg           MD         25.0           ND         50.0           94.8 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           96.9 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           109 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           94.8 %         61-141           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0250         1         09/16/25           ND         0.0500         1         09/16/25           ND         0.0250         1         09/16/25           mg/kg         mg/kg         Analyst: SL           MD         20.0         1         09/16/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/17/25           ND         50.0         1         09/17/25           ND         50.0         1         09/17/25           Mg/kg         Mg/kg         Analyst: HM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: SL           ND         0.0250         1         09/16/25         09/17/25           ND         0.0500         1         09/16/25         09/17/25           ND         0.0250         1         09/16/25         09/17/25           mg/kg         mg/kg         Analyst: SL           ND         20.0         1         09/16/25         09/17/25           mg/kg         mg/kg         Analyst: SL         09/17/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/17/25         09/17/25           ND         50.0         1         09/17/25         09/17/25           MD         50.0         1         09/17/25         09/17/25           MD         50.0         1         09/17/25         09/17/25           Mg/kg



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### SW03 @ 0-6' E509159-17

		E309139-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				•	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		94.7 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		87.6 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: TP		Batch: 2538047
Chloride	159	20.0	1	09/16/25	09/18/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### SW04 @ 0-4' E509159-18

		E307137-10				
Analyte	Result	Reporting Limit	Dilution	ı Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg mg/kg		Analyst: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		90.5 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: TP		Batch: 2538047
Chloride	2940	20.0	1	09/16/25	09/18/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### SW05 @ 0-6' E509159-19

		1307137 17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Foluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		89.0 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: TP		Batch: 2539068
Chloride	649	20.0	1	09/23/25	09/23/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### SW06 @ 0-6' E509159-20

		E307137-20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2538044
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Othylbenzene	ND	0.0250	1	09/16/25	09/17/25	
oluene	ND	0.0250	1	09/16/25	09/17/25	
-Xylene	ND	0.0250	1	09/16/25	09/17/25	
,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		97.0 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: SL		st: SL		Batch: 2538044
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2538051
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		92.1 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: TP		Batch: 2538047
Chloride	560	20.0	1	09/16/25	09/18/25	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### SW07 @ 0-4' E509159-21

		E307137-21				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: RKS		Batch: 2538045
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2538045	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2538050
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		90.4 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2538075
Chloride	587	20.0	1	09/17/25	09/18/25	
Chioride	307	20.0	1	07/11/23	07/10/23	



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

#### SW08 @ 0-4' E509159-22

		1307137 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2538045
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
o,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2538045
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2538050
Diesel Range Organics (C10-C28)	ND	25.0	1	09/17/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/17/25	09/17/25	
Surrogate: n-Nonane		94.7 %	61-141	09/17/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2538075
Chloride	7530	200	10	09/17/25	09/18/25	



FRPC 4-1 Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 9/26/2025 12:13:06PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2538044-BLK1) Prepared: 09/16/25 Analyzed: 09/16/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.41 8.00 92.6 70-130 LCS (2538044-BS1) Prepared: 09/16/25 Analyzed: 09/16/25 4.54 90.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.46 0.0250 5.00 89.2 70-130 4.53 0.0250 5.00 90.6 70-130 Toluene o-Xylene 4.50 0.0250 5.00 90.1 70-130 10.0 90.6 70-130 9.06 0.0500 p.m-Xvlene 90.5 70-130 13.6 15.0 Total Xylenes 0.0250 8.00 91.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.31 Matrix Spike (2538044-MS1) Source: E509159-04 Prepared: 09/16/25 Analyzed: 09/16/25 4.30 0.0250 5.00 ND 85.9 70-130 Benzene 70-130 Ethylbenzene 4.20 0.0250 5.00 ND 84.0 Toluene 4.27 0.0250 5.00 ND 85.3 70-130 4.25 ND 84.9 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.54 0.0500 10.0 ND 85.4 70-130 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.31 8.00 Matrix Spike Dup (2538044-MSD1) Source: E509159-04 Prepared: 09/16/25 Analyzed: 09/16/25 5.08 0.0250 5.00 ND 102 70-130 16.7 27 70-130 17.2 4.99 0.0250 5.00 ND 99.8 26 Ethylbenzene Toluene 5.05 0.0250 5.00 ND 101 70-130 16.8 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

99.7

101

101

91.7

70-130

70-130

70-130

70-130

16.0

16.9

16.6

25

23

26



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

4.99

10.1

15.1

7.34

FRPC 4-1 Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 9/26/2025 12:13:06PM **Volatile Organics by EPA 8021B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2538045-BLK1) Prepared: 09/16/25 Analyzed: 09/18/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.69 8.00 96.2 70-130 LCS (2538045-BS1) Prepared: 09/16/25 Analyzed: 09/17/25 4.73 94.5 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.68 0.0250 5.00 93.6 70-130 4.71 0.0250 5.00 94.1 70-130 Toluene o-Xylene 4.69 0.0250 5.00 93.9 70-130 9.50 10.0 95.0 70-130 0.0500 p.m-Xvlene 94.6 14.2 15.0 70-130 Total Xylenes 0.0250 8.00 96.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.73 Matrix Spike (2538045-MS1) Source: E509159-21 Prepared: 09/16/25 Analyzed: 09/17/25 5.57 0.0250 5.00 ND 111 70-130 Benzene 70-130 Ethylbenzene 5.52 0.0250 5.00 ND 110 Toluene 5.55 0.0250 5.00 ND 111 70-130 5.45 ND 109 70-130 5.00 0.0250 o-Xylene p,m-Xylene 11.1 0.0500 10.0 ND 111 70-130 16.6 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.87 8.00 Matrix Spike Dup (2538045-MSD1) Source: E509159-21 Prepared: 09/16/25 Analyzed: 09/17/25 5.59 0.0250 5.00 ND 112 70-130 0.359 27 70-130 0.677 5.56 0.0250 5.00 ND 111 26 Ethylbenzene Toluene 5 57 0.0250 5.00 ND 111 70-130 0.426 20 5.49 5.00 ND 110 70-130 0.636 25 o-Xylene 0.0250 0.603 23 11.2 10.0 ND 112 70-130 p,m-Xylene 0.0500



16.7

7.82

0.0250

15.0

8.00

ND

111

97.7

70-130

70-130

0.614

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

## **QC Summary Data**

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	·
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

Houston TX, 77208		Project Manage	r: M	itch Killough				9/26	5/2025 12:13:06PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2538044-BLK1)							Prepared:	09/16/25 Ana	alyzed: 09/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.76		8.00		110	70-130			
LCS (2538044-BS2)							Prepared:	09/16/25 Ana	alyzed: 09/16/25
Gasoline Range Organics (C6-C10)	51.3	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.68		8.00		108	70-130			
Matrix Spike (2538044-MS2)				Sourc	e: E50915	9-04	Prepared:	09/16/25 Ana	alyzed: 09/16/25
Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.79		8.00		110	70-130			
Matrix Spike Dup (2538044-MSD2)				Source	e: E50915	9-04	Prepared:	09/16/25 Ana	alyzed: 09/17/25
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130	1.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.02		8.00		113	70-130			

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

Houston TX, 77208		Project Manage	r: M	itch Killough	l				9/26/2025 12:13:06PM
	Nor	nhalogenated	Organics	by EPA 80	15D - G	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2538045-BLK1)							Prepared:	09/16/25	Analyzed: 09/18/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
LCS (2538045-BS2)							Prepared:	09/16/25	Analyzed: 09/17/25
Gasoline Range Organics (C6-C10)	59.7	20.0	50.0		119	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
Matrix Spike (2538045-MS2)				Sourc	e: E50915	59-21	Prepared:	09/16/25	Analyzed: 09/17/25
Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			
Matrix Spike Dup (2538045-MSD2)				Sourc	e: E50915	59-21	Prepared:	09/16/25	Analyzed: 09/17/25
Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130	7.22	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			



Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	·
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

Houston TX, 77208		Project Manage	r: M	itch Killough				9/26	5/2025 12:13:06PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO		A	Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2538050-BLK1)							Prepared:	09/17/25 Ana	alyzed: 09/17/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.2		50.0		86.5	61-141			
LCS (2538050-BS1)							Prepared:	09/17/25 Ana	lyzed: 09/17/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.1	66-144			
Surrogate: n-Nonane	45.7		50.0		91.4	61-141			
Matrix Spike (2538050-MS1)				Sourc	e: E50916	1-01	Prepared:	09/17/25 Ana	alyzed: 09/17/25
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	47.9		50.0		95.9	61-141			
Matrix Spike Dup (2538050-MSD1)				Sourc	e: E50916	1-01	Prepared:	09/17/25 Ana	alyzed: 09/17/25
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	3.75	20	
Surrogate: n-Nonane	46.4		50.0		92.9	61-141			



Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

Houston TX, 77208		Project Manage	r: M	itch Killough					9/26/2025 12:13:06PM
	Nonha	logenated Or	Analyst: HM						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2538051-BLK1)							Prepared:	09/17/25	Analyzed: 09/17/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.5		50.0		84.9	61-141			
LCS (2538051-BS1)							Prepared:	09/17/25	Analyzed: 09/17/25
Diesel Range Organics (C10-C28)	239	25.0	250		95.4	66-144			
Surrogate: n-Nonane	42.7		50.0		85.5	61-141			
Matrix Spike (2538051-MS1)				Source	e: E50915	9-02	Prepared:	09/17/25	Analyzed: 09/17/25
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156			
Surrogate: n-Nonane	43.7		50.0		87.4	61-141			
Matrix Spike Dup (2538051-MSD1)				Source	e: E50915	9-02	Prepared:	09/17/25	Analyzed: 09/17/25
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	2.72	20	
Surrogate: n-Nonane	46.2		50.0		92.3	61-141			



Hilcorp Energy Co PO Box 61529	Project Name: Project Number:	FRPC 4-1 17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

110uston 1A, 7/200		1 Toject Manage	1. IVI	iteli Killougii					7/20/2023 12:13:001 W
		Anions		Analyst: TP					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2538047-BLK1)							Prepared:	09/16/25	Analyzed: 09/17/25
Chloride	ND	20.0							
LCS (2538047-BS1)							Prepared:	09/16/25	Analyzed: 09/17/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2538047-MS1)				Sourc	e: E50915	59-03	Prepared:	09/16/25	Analyzed: 09/17/25
Chloride	562	20.0	250	327	93.9	80-120			
Matrix Spike Dup (2538047-MSD1)				Sourc	e: E50915	59-03	Prepared:	09/16/25	Analyzed: 09/17/25
Chloride	571	20.0	250	327	97.6	80-120	1.60	20	



Hilcorp Energy Co PO Box 61529	Project Name: Project Number:	FRPC 4-1 17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

	1 Toject Manage	1,1	iten Kinougn					
	Anions	Analyst: DT						
Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
						Prepared:	09/17/25 A	Analyzed: 09/18/25
ND	20.0							
						Prepared:	09/17/25 A	Analyzed: 09/18/25
251	20.0	250		100	90-110			
			Sourc	e: E50916	9-04	Prepared:	09/17/25 A	Analyzed: 09/18/25
261	20.0	250	ND	105	80-120			
			Sourc	e: E50916	9-04	Prepared:	09/17/25 A	Analyzed: 09/18/25
264	20.0	250	ND	106	80-120	1.04	20	
	MD 251 261	Result   Reporting   Limit   mg/kg	Result   Reporting   Limit   Level   mg/kg   mg/kg   mg/kg	Result	Result   Reporting   Limit   Level   Result   Rec   mg/kg   mg/kg   mg/kg   mg/kg   %	Result	Result   Reporting   Spike   Level   Result   Rec   Limits   RPD	Result   Reporting   Spike   Level   Result   Rec   Limits   RPD   Limit   mg/kg   mg/kg   mg/kg   mg/kg   % % % % % % % % % % % % % % % % % %

Hilcorp Energy Co PO Box 61529	Project Name: Project Number:	FRPC 4-1 17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	9/26/2025 12:13:06PM

Houston TX, 77208		Project Manage	r: M	itch Killough				9/2	6/2025 12:13:06PM
		Anions	by EPA 3	00.0/9056	1				Analyst: TP
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2539068-BLK1)							Prepared:	09/23/25 An	alyzed: 09/23/25
Chloride	ND	20.0							
LCS (2539068-BS1)							Prepared:	09/23/25 An	alyzed: 09/23/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2539068-MS1)				Sourc	e: E50920	9-69	Prepared:	09/23/25 An	alyzed: 09/23/25
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2539068-MSD1)				Source	e: E50920	9-69	Prepared:	09/23/25 An	alyzed: 09/23/25
Chloride	260	20.0	250	ND	104	80-120	0.0627	20	

Hilcorp Energy Co		Project Name:	Fl	RPC 4-1					Reported:
PO Box 61529		Project Number:	17	7051-0002					•
Houston TX, 77208		Project Manager	: M	litch Killough					9/26/2025 12:13:06PM
		Anions	by EPA 3	300.0/90 <b>5</b> 6 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2539143-BLK1)							Prepared:	09/25/25	Analyzed: 09/25/25
Chloride	ND	20.0							
LCS (2539143-BS1)							Prepared:	09/25/25	Analyzed: 09/25/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2539143-MS1)				Sourc	e: E50924	4-24	Prepared:	09/25/25	Analyzed: 09/25/25
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2539143-MSD1)				Sourc	e: E50924	4-24	Prepared:	09/25/25	Analyzed: 09/25/25
Chloride	269	20.0	250	ND	107	80-120	1.13	20	

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

	Hilcorp Energy Co	Project Name:	FRPC 4-1	
-	PO Box 61529	Project Number:	17051-0002	Reported:
	Houston TX, 77208	Project Manager:	Mitch Killough	09/26/25 12:13

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.



	Clie	nt Inform	nation			Invoice Information					La	b Us	e On	ily				TA	T			State	2	
Client: 🗜	ilcorp E	nergy	Comp	any		ompany:		L	ab V	NO#	115		Job	Num	ber		1D	2D	3D S	Std	NM	CO UT	TX	
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	Manager: Mi	tch Ki	nonap	<u></u>	-     5	ity, State, Zip: CLJENT			г				A	.l		8.0-4	L _ J				C	A December		
<u>Address:</u> City, Stat					-    -	hone:			ŀ				Ana	llysis	and	wet	noa			-	SDWA	PA Progra	RCRA	_
City, Stat Phone:	e, zip:				_	nail:				ŀ									- 1	ŀ	SDAA	CVVA	KCKA	-
	akillough	@ hile	2×0 CB	<u> </u>	—     <sup> wiii</sup>	scellaneous:			- }	۱ ی	۰.									ŀ	Complianc	e Y	or I N	,
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				Sam	ple Informati	lon				05 D	ő	, 802	8260	e 300	- NR	T-50	Met		- 1	Ī				_
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	er	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks		
1461	9/15/25	Soil	402,	FS	s) @ (	,\				X	X	X		X							5.2			
1452				FSC	200	1'		2			$\prod$	$\mathcal{L}$								- 1	5.4			
1453				FSC	300	81		3		Ц	Д										5.0			
1454				FSC	4 @	<b>ا</b> ا		4		$\sqrt{}$	$\sum$	$\sqrt{}$									5.0			
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1505				FSt	o	<b>ં</b>		6			/									1	5.2			
1507				FSO	70	6		7												4	4.6			
1608				<b>F50</b>	қ <b>Д</b>	&'		8												4	4.8			
1611				FS0	9 🕲 '	£'		9		$\int$											5.0			
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I, (field sam) Sampled by:	eler), attest to the	e validity and	authenticity Peck	of this sampl	e. I am aware tha	it tampering with or intentionally mislabeling	the sam	ple locati	ion, d	date o	r time	of coll	ection	is con:	sidered	fraud	and m	ay be g	rounds	for le	gal action.			
	ed by: (Signatur		Date 9		Time	Received by Asignature	Ψ,	15·29	<u>;-</u>	Time 110	>15	5					-	-				on ice the day to but less than 6		
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Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	Date		1	Time					AVG	Tem	n °C					<del></del>		
Sample Mat	rix: S - Soil, Sd - Se	olid, Sg - Stud	lge, A - Aque	eous, O - Othe	r		Con	tainer T	ype:	g - g	lass,	<b>p</b> - p	oly/pl	astic,					VOAT	T				_
Note: Sam	oles are discard	ed 14 days	after result	s are reporte	ed unless other	arrangements are made. Hazardous sam					_									or the	analysis o	f 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.



envirotechia

	Clie	nt Inforn	nation		Invo	ice Information				L	ab U	se Or	ıly				T	AT		Т	Sta	
Client:	Hilcorg	Fne	rgy C	mpany	Company:	AME AS		_ Lat	WO	#		Job	Numl	oer	,	1D	2D	3D	Std	NN	со и	т тх
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City, Sta	te, Zip:				Email:						Π	Τ	ГΠ							SDWA	CWA	
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Email: y	<u>nkilloug</u> l	n@hil	reach.	com	L				8015	155		1							-	Complian	ce Y	or l
-				Sample Infor	mation				-   ≥	\$ £	8021	<u> </u>	8	ř	etals		5		-	PWSID #	<del> </del>	
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Sampled	Date Sampled	Matrix	Containers		Sample ID		Field	lumber	DRO/ORO	GRO/DRO	втех by	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp		:iiidi K5
1514	9/15/25	soil	402,	F511 @	<b>له</b> ا			11	X	X	X		X						•	4.9		
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1444				SW05	® 0-6'			19	17	17	17		7						1	4.9		
1446	<i></i>	1	L	SWOL (			1	70	7	1	7		$\Gamma$						4	4.8		
Addition	al Instructio	ns: در:	hpec	k⊕ensolum.	com, mpoll	ock@ensolu	ım.co	n,	shy	deg	9 e1	التحام	um.	. 00	m,	W	we:	che	ly t	@en:	solum	··com
I, (field sam	pler), attest to the	validity and	d authenticity	of this sample. I am awar	e that tampering with or i	ntentionally mislabeling t	he sample l	ocation,	date or	time o	f colle	ction is	consid	ered fr	raud ai	nd may	be gr	ounds fe	r lega	l action.		
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Sample Mat	rix: <b>S -</b> Soil, <b>Sd</b> - S	olid, Sg - Slu	dge, A - Aque	ous, O - Other	<u>.                                    </u>	<u> </u>	Contair	ner Typ	e: g -	glass,	<b>p</b> - p	oly/pl	astic,	ag - a	mbe	r glas	s, v -	VOA				
				are reported unless ot								sed of	at the	client	ехре	nse. T	he re	port fo	the a	nalysis of	the above	samples is
[applicable	only to those sa	mples rece	ived by the	laboratory with this CO	C. The liability of the lab	poratory is limited to the	e amount	paid for	r on the	e repo	rt.											

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	Clie	nt Inform	nation			Inv	oice Information					Li	ab Us	e Or	ıly			Г	Т	AT			Sta
Client: Project I	HIICAS O Name: FC Manager: M	Energy OC 4	100 kg	neany		Company: Address:	Same		_	_ lab	50	<b>#</b> 15				ber OCC	<u> 2</u>	1D			Std		co u
Address City, Sta Phone:	:					City, State, Zip Phone: Email: Miscellaneous:	chend				315	315		Ana	lysis	and	Met	hod	_			SDWA Complian	PA Prog
<u></u>				Sample In	ıforn	nation					- P	O by 80	8021	3260	300.0	۶. X	Aetals		ž	×		PWSID #	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	N	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Re
1448	9/15/25	Soil	4 0Z	Swo7	) (	<u>७</u> ०-५′				21	χ	X	X		Κ							4.6	
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Relinquish	ed by: (Signature	<del>;)</del>		Date	$\dashv$	Time	Received by: (Signa	ture)				Date			$\dashv$	Time							ved on i Ŷ)'N

Printed: 9/16/2025 10:54:31AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Hilcorp Energy Co	Date Received:	09/15/25	16:15		Work Order ID:	E509159
Phone:	-	Date Logged In:	09/16/25	10:47		Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	09/22/25	17:00 (5 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location m	atch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: Har	rper Peck		
4. Was the	e COC complete, i.e., signatures, dates/times, requi	ested analyses?	Yes				
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted					Comment	ts/Resolution
C1. T	i.e, 15 minute hold time, are not included in this disucss	ion.				Commen	NOTICE STATES
	<ul><li><u>Varn Around Time (TAT)</u></li><li>COC indicate standard TAT, or Expedited TAT?</li></ul>		Yes				
			108				
Sample C	ample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
11. If yes,	were custody/security seals intact?		NA				
12. Was th	e sample received on ice?  Note: Thermal preservation is not required, if samples a	re received within	Yes				
	15 minutes of sampling						
13. See C	OC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded	in comments.			
Sample C	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct container	s?	Yes				
19. Is the a	appropriate volume/weight or number of sample conta	iners collected?	Yes				
Field Lab	<u>pel</u>						
	field sample labels filled out with the minimum in	formation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
	reservation		Yes				
	the COC or field labels indicate the samples were	reserved?	No				
	ample(s) correctly preserved?	sieservea.	NA				
	filtration required and/or requested for dissolved n	netals?	No				
	·		110				
	se Sample Matrix the sample have more than one phase, i.e., multiph	9009	NT-				
			No				
	, does the COC specify which phase(s) is to be ana	iyzed?	NA				
	act Laboratory	_					
	amples required to get sent to a subcontract laborat	•	No				
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: N	NA		
Client Ir	<u>astruction</u>						

Date

Received by OCD: 11/14/2025 12:17:21 PM

Client: History Energy Company Project Name: FRPC 4-1 Project Manager: Mitch Villough  Company: Address: SAME AS City, State, Zip: CLTENT  Company: Address: SAME AS City, State, Zip: CLTENT		Clle	nt Inform	nation	The same of		Invoice Information				1	ah II	sa Or	atu				TAT			State		
Project Manner: PCPC VI-L  Project Manner: Mich. Milloweyh Address: STINUS AS  CITY, State, Zin: City, City, State, Zin: City, City, State, Zin: City,	Client: W	200		To the second	og.D.V	C	ampany		1:	ah WO		11 OH	AND DESCRIPTION OF THE PERSON NAMED IN	Street, Square,	her		10		Std	NA			
Project Manager: Mitch. Killough Address: City, State, Zip: CLTE-NT Phone: City, State, Zip: Miscellaneous: City, State, State	Project Na	ame: F	PPC L	1-1	44			MMS.		50	913	59	170	051	000	2	10	20 30	<b>E</b>	×	20 01	IA	
Address:    Phone:	Project M	anager: Mi	tch Ki	lloug	n	_	ity, State, Zip: CLTENT			THE REAL PROPERTY.							10						
PRONE: w X2110 Log No.	Address:					_   PI	none:						Ana	alysis	and	Met	hod			1	EPA Progra		
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Sample Information  Sample ID  Sam			6 111		The same of	Mis	scellaneous:																
HSI 9/16/15 Soil 407, FSOI @ G	Email: w	Killough	10 hile	orp.c	om					3015	2005	1 20		-								orN	
HSI 9/16/15 Soil 407, FSOI @ G	-				Sam	nla Informati	000	and formats	-	- 3	首	1051	92	300.0	2	¥.	etal		-	MSID 1			
HSI 9/16/15 Soil 407, FSOI @ G	Time			No ed	Jan	ipie intormati		10 to	lah	980	ORO	占	by 8	Ide	50	1005	B M		HS I		Remarks		
HSI 9/16/15 Soil 407, FSOI @ G	A DESCRIPTION OF THE PERSON OF	Date Sampled	Matrix				Sample ID	FIELD THE	Numb	er og	3RO	JE X	20/	Plor	3600	CEG	CRA		100		Kembras		
HS2   FSO2 @ H'   3   5.4 (a) Led to   1.4   5.5 (2.5 M Section of the sample of the		-li-lac	0 - 1	402					I	V	V	V	Ĺ	V							0.0		
FSO2	1461	9/15/25	2011	on	E   F50	01000					JX									5.7	0 (1)	11	
1604	1452	1	1	1	ESC	22 (20)	41		2	1	1	1		1					THE RESERVE TO SERVE THE PERSON NAMED IN				
FSO 4 @ 6			1	-						11	+	1		1								0	10 S.C.
1504	1453	/	/	1	+20	33 @ 9	6'		2	1	1/	L								0.0	renu	n for	
1505   F506	1454		-	1	FSC	040	le <sup>1</sup>		4	1	1	1		+	*				8	5.0	CL:O	Show	plus
1505   F506	1604				FSC	500	0		5					1					1	1.9	9110	X19.	
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FSOQ ® 8  1612	1507		/	1	FSC	n e	0'		1	1	1	1							4	1.0	Ru	SNTA	T .
FSOQ ® 8  1612	1508	/	1	11	FSO	8 0 9	8		8	11	11	1		1					1	1.81	Ment	ron	
Additional Instructions: cc: hpeck@ensolum.com , mpollock @ensolum.com , shyde@ensolum.com , wwei.enert@ensolum.com   9/3/25    It 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: Havper Peck + Michael Pollock  Relinquished by: (Signature)  Date   Time   Received by: (Signature)   Date   Time   Date   Time   Date   Time   Date   Time   Date   D				1	FCO	200	· exacte reported to				H	1		V					6	50	0.0	100	
Additional Instructions: cc: hpeck@ensolum.com , mpollock @ensolum.com , shyde@ensolum.com , wwei.enert@ensolum.com , lifeld 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 + Michael Pollock  Relinquished by: (Signature)	1011	_	1	1	+30	19 09 1	>			11	11	1/		4		· m	1				ren	un	
In (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: (Signature)  Date   Time   Received by: (Signature)   Date   Time   Received by: (Signature)   Date   Time   Received by: (Signature)   Date   Time   Received by: (Signature)   Date   Time   Received by: (Signature)   Date   Time   Received by: (Signature)   Date   Time   Received by: (Signature)   Date   Time   T	1512	上	1	1	FS1	0 @ 1	41		10	IT	1	7		7					1	0.4	on San	role 1	0.
Sampled by: Hav per Peck + Michael Pollock  Relinquished by: (Signature)  Date Time Received by: (Signature)  Date Time AVG Temp <sup>a</sup> C  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	Additiona	I Instruction	ns: cc	· hp	ck@ens	solum.com	, mpollock @ensolun	1.00	m,	Shyd	le &	en:	solui	m.c	om	, v	we	ichert	0 0	nsol	um·co	m	9 23/25
Relinquished by: (Signature)  Date  Time  9   15   25   16   3   3   4   4   4   4   4   4   4   4	t, (field samp!	er), attest to the	e validity and	authentic	ity of this samp	le. I am aware that		he sam	ple locati	on, date	or time	of col	lection	Is con	idered	fraud	and m	ay be grounds	for leg	al action.			044
Time Received by: (Signature)  Date Time AVG Temp °C  Sample Matrix: 5 - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other  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												No.		Share.	-								an
Relinquished by: (Signature)  Date  Time  Received on ice:  Time  T1  T2  T3  Sample Matrix: 5 - Soil, Sd - Soild, Sg - Studge, A - Aqueous, O - Other  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							Reserved by Stanature	0.	5 20	- Time	1	-											
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Received by OCD: 11/14/2025 12:17:21 PM

Analytical Laboratory									
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	Sample Information		- A	260	300.r 6 - TX Aetal	N X	PWSID		
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1514 9/15/25 Soil 40	02, FS11 @ 61		IXX		X		4.9	Chent	
1516	FS12 @ 41	12		11			4.9	200140	
1517	/ FS13@61	13	- 11 11	1/1	/		4.5		
1519	FS14 @ 4'	14					5.0	10th Court A	w .
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1440	SW03 @ 0-6	17					5.4	MCJ103	
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444 )	SW05 00-6		9 ( (		Xton	-	4.9	Client rea	
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aditional instructions: cc: ho	peck@ensolum.com, mp	illock@ensolum.com	, shyde	ensol	um.com	, wweich	ner t @ ev	nsolum.com	Sample
ampled by: Harper Pec	nticity of this sample. I am aware that tampering with the Michael Pollock		ation, date or time	e or collection is	considered fraud	and may be ground			9/25/2
elinquished by: (Signature)  Folker peu Peck	Date 9/15/25 Time 16/3	Received by: (Sangture)	an "	7.15.2		5	preservation	requiring thermal n must be received on	U
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elinquished by: (Signature)	Date Time	Received by: (Signature)	Dat	le	Time			ab Use Only selved on ice:	
elinquished by: (Signature)	Date Time	Received by: (Signature)	Dat	te	Time			Ø N	
male beatens C Call Cd Called So Chiden A	Acurous C. Other	Container	r Type: p - glas	e n - nolu/n	actic ag amb	or place v. VOA			BALL SHANN

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



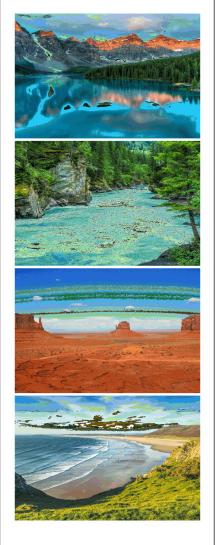
#### **Chain of Custody**

Page 3 of 3

		nt Inform				Inve	oice Information				L	ab U	se O	nly				Т	AT			State	
Client: Project I	Hillos Q lame: Fo	Energ	-1 (or	neany		Company: Address:	Same		Lat	500	# 14	59	Job 171	Numb	oer 000	2	1D	2D	3D	Std	N	O UT TX	
Project I	Manager: A	nitch	Killo	ugh_	10 To 10	City, State, Zip:		- option												_			
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Sample Inf			orma	tion				140	O by	8021	1260	300.0	S.TX	Vetal		M	×		PWSID #				
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Number	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NW	BGDOC - TX		Sample Temp	Remarks	
1448	9/15/25	Soil	4 0Z	SW07	0	0-4			21	X		X		K							4.6	Chent	
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Addition	al Instructio	ns: CC·	HOP	KK @GUSH		Com meal	lock@ensdum	101	n Sh	V.do						_						Dample 14	9/25/25 CM
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Received by OCD: 11/14/2025 12:17:21 PM

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 4-1

Work Order: E509298

Job Number: 17051-0002

Received: 9/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/2/25

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: 10/2/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: FRPC 4-1 Workorder: E509298

Date Received: 9/26/2025 11:47:00AM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/26/2025 11:47:00AM, under the Project Name: FRPC 4-1.

The analytical test results summarized in this report with the Project Name: FRPC 4-1 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

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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

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#### Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	Keporteu:
Houston TX, 77208	Project Manager:	Mitch Killough	10/02/25 16:28

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS14A	E509298-01A Soil	09/26/25	09/26/25	Glass Jar, 2 oz.
SW09	E509298-02A Soil	09/26/25	09/26/25	Glass Jar, 2 oz.
SW10	E509298-03A Soil	09/26/25	09/26/25	Glass Jar, 2 oz.
SW11	E509298-04A Soil	09/26/25	09/26/25	Glass Jar, 2 oz.



Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	10/2/2025 4:28:17PM

#### FS14A E509298-01

Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2539170
ND	0.0250	1	09/26/25	09/27/25	
ND	0.0250	1	09/26/25	09/27/25	
ND	0.0250	1	09/26/25	09/27/25	
ND	0.0250	1	09/26/25	09/27/25	
ND	0.0500	1	09/26/25	09/27/25	
ND	0.0250	1	09/26/25	09/27/25	
	92.6 %	70-130	09/26/25	09/27/25	
mg/kg	mg/kg	Analyst: BA			Batch: 2539170
ND	20.0	1	09/26/25	09/27/25	
	85.7 %	70-130	09/26/25	09/27/25	
mg/kg	mg/kg	An	alyst: HM		Batch: 2540004
ND	25.0	1	09/29/25	09/29/25	
ND	50.0	1	09/29/25	09/29/25	
	95.9 %	61-141	09/29/25	09/29/25	
mg/kg	mg/kg	An	alyst: DT		Batch: 2540013
77.8	20.0	1	09/29/25	09/30/25	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0250           85.7 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           95.9 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         And           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           mg/kg         mg/kg         And           ND         20.0         1           85.7 %         70-130         70-130           mg/kg         mg/kg         And           ND         25.0         1           ND         50.0         1           95.9 %         61-141         61-141           mg/kg         mg/kg         And	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         09/26/25           ND         0.0250         1         09/26/25           ND         0.0250         1         09/26/25           ND         0.0250         1         09/26/25           ND         0.0500         1         09/26/25           ND         0.0250         1         09/26/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         09/26/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/29/25           ND         50.0         1         09/29/25           ND         50.0         1         09/29/25           MD         50.0         1         09/29/25           Mg/kg         Mg/kg         Analyst: HM	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         09/26/25         09/27/25           ND         0.0250         1         09/26/25         09/27/25           ND         0.0250         1         09/26/25         09/27/25           ND         0.0500         1         09/26/25         09/27/25           ND         0.0500         1         09/26/25         09/27/25           ND         0.0250         1         09/26/25         09/27/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         09/26/25         09/27/25           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         09/26/25         09/27/25           mg/kg         mg/kg         Analyst: HM           ND         25.0         1         09/29/25         09/29/25           ND         50.0         1         09/29/25         09/29/25           ND         50.0         1         09/29/25         09/29/25           Mg/kg         mg/kg

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	10/2/2025 4:28:17PM

#### SW09

#### E509298-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2539170
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
Surrogate: 4-Bromochlorobenzene-PID		92.7 %	70-130	09/26/25	09/27/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: BA			Batch: 2539170
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.6 %	70-130	09/26/25	09/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: HM		Batch: 2540004
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
Surrogate: n-Nonane		97.6 %	61-141	09/29/25	09/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2540013
· · · · · · · · · · · · · · · · · · ·	299	20.0		09/29/25	09/30/25	



## **Sample Data**

Hilcorp Energy Co	Project Name:	FRPC 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	10/2/2025 4:28:17PM

## **SW10**

## E509298-03

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2539170
Benzene	ND	0.0250	1	09/26/25	09/27/25	
Ethylbenzene	ND	0.0250	1	09/26/25	09/27/25	
Toluene	ND	0.0250	1	09/26/25	09/27/25	
o-Xylene	ND	0.0250	1	09/26/25	09/27/25	
p,m-Xylene	ND	0.0500	1	09/26/25	09/27/25	
Total Xylenes	ND	0.0250	1	09/26/25	09/27/25	
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	09/26/25	09/27/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2539170
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/26/25	09/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	09/26/25	09/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: HM		Batch: 2540004
Diesel Range Organics (C10-C28)	ND	25.0	1	09/29/25	09/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/29/25	09/29/25	
Surrogate: n-Nonane		99.5 %	61-141	09/29/25	09/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2540013
Chloride	306	20.0	1	09/29/25	09/30/25	



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

## **QC Summary Data**

FRPC 4-1 Hilcorp Energy Co Project Name: Reported: Project Number: PO Box 61529 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 10/2/2025 4:28:17PM **Volatile Organics by EPA 8021B** Analyst: BA Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2539170-BLK1) Prepared: 09/26/25 Analyzed: 09/27/25 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 o-Xylene ND 0.0250

LCS (2539170-BS1)					Prepared: (	09/26/25 Analyzed: 09/27/25
Benzene	4.94	0.0250	5.00	98.7	70-130	
Ethylbenzene	4.92	0.0250	5.00	98.4	70-130	
Toluene	4.90	0.0250	5.00	98.1	70-130	
o-Xylene	4.99	0.0250	5.00	99.8	70-130	
p,m-Xylene	9.93	0.0500	10.0	99.3	70-130	
Total Xylenes	14.9	0.0250	15.0	99.4	70-130	
Surrogate: 4-Bromochlorobenzene-PID	8.69		8.00	109	70-130	

8.00

110

70-130

ND

ND

8.83

0.0500

0.0250

Matrix Spike (2539170-MS1)				Source:	E509297-	01	Prepared: 09/26/25 Analyzed: 09/27/25
Benzene	5.28	0.0250	5.00	ND	106	70-130	
Ethylbenzene	5.35	0.0250	5.00	0.0706	106	70-130	
Toluene	5.27	0.0250	5.00	ND	105	70-130	
o-Xylene	5.48	0.0250	5.00	0.143	107	70-130	
p,m-Xylene	10.9	0.0500	10.0	0.264	106	70-130	
Total Xylenes	16.4	0.0250	15.0	0.407	107	70-130	
Surrogate: 4-Bromochlorobenzene-PID	9.01		8.00		113	70-130	

Matrix Spike Dup (2539170-MSD1)				Source:	E509297-	01	Prepared: 09	9/26/25 Analyzed: 09/27/25
Benzene	4.80	0.0250	5.00	ND	95.9	70-130	9.56	27
Ethylbenzene	4.86	0.0250	5.00	0.0706	95.8	70-130	9.61	26
Toluene	4.78	0.0250	5.00	ND	95.6	70-130	9.66	20
o-Xylene	5.00	0.0250	5.00	0.143	97.1	70-130	9.29	25
p,m-Xylene	9.93	0.0500	10.0	0.264	96.7	70-130	9.43	23
Total Xylenes	14.9	0.0250	15.0	0.407	96.8	70-130	9.38	26
Surrogate: 4-Bromochlorobenzene-PID	8.87		8.00		111	70-130		

## **QC Summary Data**

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	10/2/2025 4:28:17PM

Houston TX, 77208		Project Manage	r: Mi	tch Killough				10	/2/2025 4:28:17PN
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2539170-BLK1)							Prepared: 0	9/26/25 Anal	lyzed: 09/27/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			
LCS (2539170-BS2)							Prepared: 0	9/26/25 Ana	lyzed: 09/29/25
Gasoline Range Organics (C6-C10)	48.6	20.0	50.0		97.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			
Matrix Spike (2539170-MS2)				Source:	E509297-	01	Prepared: 0	9/26/25 Ana	lyzed: 09/29/25
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			
Matrix Spike Dup (2539170-MSD2)				Source:	E509297-	01	Prepared: 0	9/26/25 Ana	yzed: 09/29/25
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	1.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			

## **QC Summary Data**

Hilcorp Energy Co	Project Name:	FRPC 4-1	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	10/2/2025 4:28:17PM

Houston TX, 77208		Project Manage	r: Mi	itch Killough					10/2/2025 4:28:17PN
	Nonhal	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2540004-BLK1)							Prepared: 0	9/29/25 Aı	nalyzed: 09/29/25
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	47.8		50.0		95.7	61-141			
CS (2540004-BS1)							Prepared: 0	9/29/25 Aı	nalyzed: 09/29/25
iesel Range Organics (C10-C28)	245	25.0	250		97.8	66-144			
urrogate: n-Nonane	45.2		50.0		90.3	61-141			
Aatrix Spike (2540004-MS1)				Source:	E509302-	01	Prepared: 0	9/29/25 Aı	nalyzed: 09/29/25
iesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156			
urrogate: n-Nonane	44.7		50.0		89.5	61-141			
Matrix Spike Dup (2540004-MSD1)				Source:	E509302-	01	Prepared: 0	9/29/25 Aı	nalyzed: 09/29/25
iesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	2.06	20	
urrogate: n-Nonane	47.8		50.0		95.6	61-141			



## **QC Summary Data**

Hilcorp Energy Co		Project Name:	Fl	RPC 4-1					Reported:
PO Box 61529		Project Number:	17	7051-0002					
Houston TX, 77208		Project Manager:	: M	litch Killough					10/2/2025 4:28:17PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2540013-BLK1)							Prepared: 0	9/29/25 A	nalyzed: 09/29/25
Chloride	ND	20.0							
LCS (2540013-BS1)							Prepared: 0	9/29/25 A	nalyzed: 09/29/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2540013-MS1)				Source:	E509292-	03	Prepared: 0	9/29/25 A	analyzed: 09/29/25
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2540013-MSD1)				Source:	E509292-	03	Prepared: 0	9/29/25 A	nalyzed: 09/29/25
Chloride	254	20.0	250	ND	102	80-120	0.0606	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 4-1	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	10/02/25 16:28

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.



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Client Information				Invoice Information			Lab Use Only							TAT				Stat	te			
Client: Project I	H:Icorp E Name: Ff	nergy C	Company		Company: SAME AS Address: CLIENT				Lab W0# Job Number E5092 9 8 17051 • 0002					1D 2D 3D Std				MM	CO UT	TX		
Project Manager: Mitch Killough				City, State, Zip:			_ [															
<u>Address</u>					Phone:							Ana	lysis	and	Met	hod			_		PA Progr	
City, Sta	te, Zip:				Email:													i i	⊢	SDWA	CWA	RCRA
Phone:	1	1 = 1 1			Miscellaneous:					1						i .			L		L.,	<del>                                     </del>
Email:	mk:lleu	gh@hile	orp.com	<u> </u>	L				510	1 55			_		ا ا				_	Complian	ce Y	or N
			<del></del>	Sample Inf	iormation				ROBy 8015	ۿٙ	8021	7,00	300.0	<u>:</u>	Aetals		ξ		-  -	PWSID#		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	118	GRO/DRO by 8015	STEX, by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Re	marks
0849	9/26/25	50:1	one 2 oz	F514A				1	X	X	X		Ž			-			4	4.70		
0854	9/26/25	50:1	one 2 oz	5W09				2	X	X	X		X							1.80		
0859	9/26/25	50:1	one 2 oz	SWIO				3	X	$\bigvee$	$\bigvee$		X						9	5.1°		
0830	9/26/25	Soil	one 2 oz	SWII				4	X	$\mathbb{X}$	$\mathbb{X}$		X						]	5.5	PLACE	.0N
										<u> </u>		<u> </u>										
																	:					
	nal Instruction	20		se:chert e ei		; ofroelich (													<del></del>			
Sampled by	^ .		elich	of this sample. I am a	ware that tampering with	or intentionally mislabeling	tne samp	ie iocatio	on, date o	rume	or cone	ection is	consid	uerea 1	raud ai	na ma	A ne Ri	rounas ro	riegai	action.		
Relinquished by: (Signature) Date 9/26/25		Date 9/26/25	Time 1147	Received by: (Signature)			Date <b>9-26-25</b>			Time 1147				Samples requiring thermal preservation must be received on								
Relinquished by: (Signature) Date			Date	Time	Received by: (Signature)				Date 1		Time				ice the day they are sampled or received packed on ice at a temp							
Relinquished by: (Signature) Date			Date	Time	Received by: (Signature)				Date Time						ab	above 0 but less than 6°C on subsequent days.						
Relinquished by: (Signature) Date			Date	Time	Received by: (Signature)				Date Tim		Time	ime				Lab Use Only Received on ice:						
Relinquish	ned by: (Signatur	e)		Date	Time	Received by: (Signature)			Date T			Time	Time					<b>₽</b> N				
	trix: S - Soil, Sd - S								ype: g -													
						e made. Hazardous samp laboratory is limited to t						osed of	at the	e clier	it expe	ense. 1	The re	port for	the a	nalysis of	the above	samples is

envirotech Inc.

Printed: 9/26/2025 12:34:15PM

## **Envirotech Analytical Laboratory**

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:	09/26/25 11	1:47		Work Order ID:	E509298
Phone:	-	Date Logged In:	09/26/25 12	2:29		Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	10/03/25 1	7:00 (5 day TAT)	)		
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier:	Osgood Froelich		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	I samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•				Comment	s/Resolution
Sample T	urn Around Time (TAT)					1 0 1	// D1 1 1 1 1
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes		Client Ren	nark- Sample	#4 Place on hold.
Sample C	<u>Cooler</u>						
7. Was a s	ample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		No				
9. Was the	e sample(s) received intact, i.e., not broken?		No				
10. Were	custody/security seals present?		No				
	were custody/security seals intact?		NA				
-	e sample received on ice?		Yes				
12. Was th	Note: Thermal preservation is not required, if samples ar 15 minutes of sampling	re received within	ies				
13. See C	OC for individual sample temps. Samples outside o	f 0°C-6°C will be	recorded in	n comments.			
Sample C	Container						
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · · · · · · · · · · · · · · · · · ·						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
D	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
	<u>reservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	imple(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	imples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and i	•		Subcontract La	nb: NA		
			·				
Chefit II	struction						

Date

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



APPENDIX D

Photographic Log

## **ENSOLUM**

## **Photographic Log**

Hilcorp Energy Company FRPC 4 #001 San Juan County, New Mexico





Photograph: 1 Date: 6/18/2025

Description: API informational sign.

View: South / Southwest

Photograph: 2 Date: 6/18/2025

Description: White crusted soil on Northeast pad.

View: West





Photograph: 3 Date: 6/18/2025

Description: Staining footprint.

View: North

Photograph: 4 Date: 6/18/2025

 $\label{lem:description: Staining from wellhead source.} \\$ 

View: Northwest

Page 1 of 4

8/26/2025

8/26/2025

Date:

## ENSOLUM

## **Photographic Log**

Hilcorp Energy Company FRPC 4-1 San Juan County, New Mexico





Photograph: 5 Date: 8/26/2025

Description: Initial excavation extent.

View: Southwest

Photograph: 6

Description: Initial excavation extent.

View: North / Northeast





Date: 8/26/2025 Photograph: 7

Description: Evidence of liner at four feet bgs.

View: North

Photograph: 8 Description:

PH01, advanced within initial excavation extent.

Date:

## **ENSOLUM**

## **Photographic Log**

Hilcorp Energy Company FRPC 4-1 San Juan County, New Mexico



Photograph: 9 Date: 9/26/2025

Description: Removed FS14 & SW05, then FS14A & SW10

sampled.



Photograph: 10

Description: Final excavation extent.

View: East



Photograph: 11 Date: 9/26/2025

Description: Final excavation extent.

View: West



Photograph: 12

Description: Final excavation extent.

View: South

Date: 9/26/2025

9/26/2025

Date:

Page 3 of 4

## **ENSOLUM**

## **Photographic Log**

Hilcorp Energy Company FRPC 4-1 San Juan County, New Mexico



Photograph: 13 Date: 6/18/2025

Description: Wellhead containment.

View: Northwest



Photograph: 14 Date: 9/26/2025

Description: Area near SW08 for deferral request.

View: West-Northwest



Photograph: 15 Date: 9/26/2025

Description: Deferral request, SW08 & SW01.

View: Northeast



Photograph: 16 Date: 9/26/2025

Description: Area near SW01 for deferral.

View: East

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 526638

## **QUESTIONS**

	Operator:	OGRID:					
	HILCORP ENERGY COMPANY	372171					
	1111 Travis Street	Action Number:					
	Houston, TX 77002	526638					
A		Action Type:					
		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)					

## QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2515255774			
Incident Name	NAPP2515255774 FRPC 4-1 @ 30-045-31995			
Incident Type	Produced Water Release			
Incident Status	Remediation Closure Report Received			
Incident Well	[30-045-31995] FRPC 4 #001			

Location of Release Source				
Please answer all the questions in this group.				
Site Name	FRPC 4-1			
Date Release Discovered	05/21/2025			
Surface Owner	Private			

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

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Produced Water   Released: 10 BBL   Recovered: 10 BBL   Lost: 0 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 5/21/2025 at 1:00 pm (MT), a lease operator discovered a packing leak at a wellhead while conducting location inspections in the area. Upon discovery, the operator called in a water truck immediately. All spilled fluids remained on the pad and covered an area measuring approximately 70° L x 13° W. As a corrective action, the packing was replaced.				

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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

QUESTIONS, Page 2

Action 526638

Santa	Fe, NM 87505
QUEST	IONS (continued)
Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID:  372171  Action Number: 526638  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 second content of the con	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.
	ilation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for relethe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/14/2025

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

QUESTIONS, Page 3

Action 526638

**QUESTIONS** (continued)

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	526638
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the			
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 ar	nd the following surface areas:			
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (ft.)			
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)			
An occupied permanent residence, school, hospital, institution, or church	Between 500 and 1000 (ft.)			
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)			
Any other fresh water well or spring	Between 1 and 5 (mi.)			
Incorporated municipal boundaries or a defined municipal fresh water well field	Zero feet, overlying, or within area			
A wetland	Between 1 and 100 (ft.)			
A subsurface mine	Greater than 5 (mi.)			
An (non-karst) unstable area	Greater than 5 (mi.)			
Categorize the risk of this well / site being in a karst geology	None			
A 100-year floodplain	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 mil	ligrams per kilograms.)				
Chloride (EPA 300.0 or SM4500 Cl B)	13300				
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	154.4				
GRO+DRO (EPA SW-846 Method 8015M)	67.2				
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 which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,				
On what estimated date will the remediation commence	06/18/2025				
On what date will (or did) the final sampling or liner inspection occur	09/26/2025				
On what date will (or was) the remediation complete(d)	09/26/2025				
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	2485				
What is the estimated volume (in cubic yards) that will be remediated 925					
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.					
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.					

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

QUESTIONS, Page 4

Action 526638

QUESTIONS (continued)

ı	Operator:	OGRID:
ı	HILCORP ENERGY COMPANY	372171
ı	1111 Travis Street	Action Number:
ı	Houston, TX 77002	526638
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

4	
Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fSC00000000048 ENVIROTECH
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

Name: Stuart Hyde
Title: Senior Geologist
Email: shyde@ensolum.com
Date: 11/14/2025

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

QUESTIONS, Page 5

Action 526638

**QUESTIONS** (continued)

OGRID:

HILCORP ENERGY COMPANY	372171
1111 Travis Street	
Houston, TX 77002	Action Number: 526638
	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	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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Active wellhead and pumpjack
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	315
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	40
	diately under or around production equipment such as production tanks, wellheads and pipelines where on may be deferred with division written approval until the equipment is removed during other operations, or when
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-045-31995 FRPC 4 #001
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed e which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface rt does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/14/2025

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

QUESTIONS, Page 6

Action 526638

QUESTIONS (continued)

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	526638
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	508419
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/26/2025
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	2000

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation 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	2485
What was the total volume (cubic yards) remediated	925
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)	In total, approximately 925 cubic yards of impacted soil was removed from an area covering 4,175 square feet and transported to the Envirotech Landfarm located in San Juan County, New Mexico. Of the 4,175 square foot area excavated during remediation activities, approximately 2,485 square feet were located outside the area of the previously installed liner. During the September 2025 excavation activities, impacted soil was removed to the depth of the liner, therefore, floor samples were not collected in this area.

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: 11/14/2025	
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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 7

Action 526638

**QUESTIONS** (continued)

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	526638
	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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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 526638

### **CONDITIONS**

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	526638
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Deferral approved. Deferral of area (SW-01, SW-08) directly below the wellhead is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	11/25/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	11/25/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/25/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	11/25/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/25/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	11/25/2025