ENSOLUM

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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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

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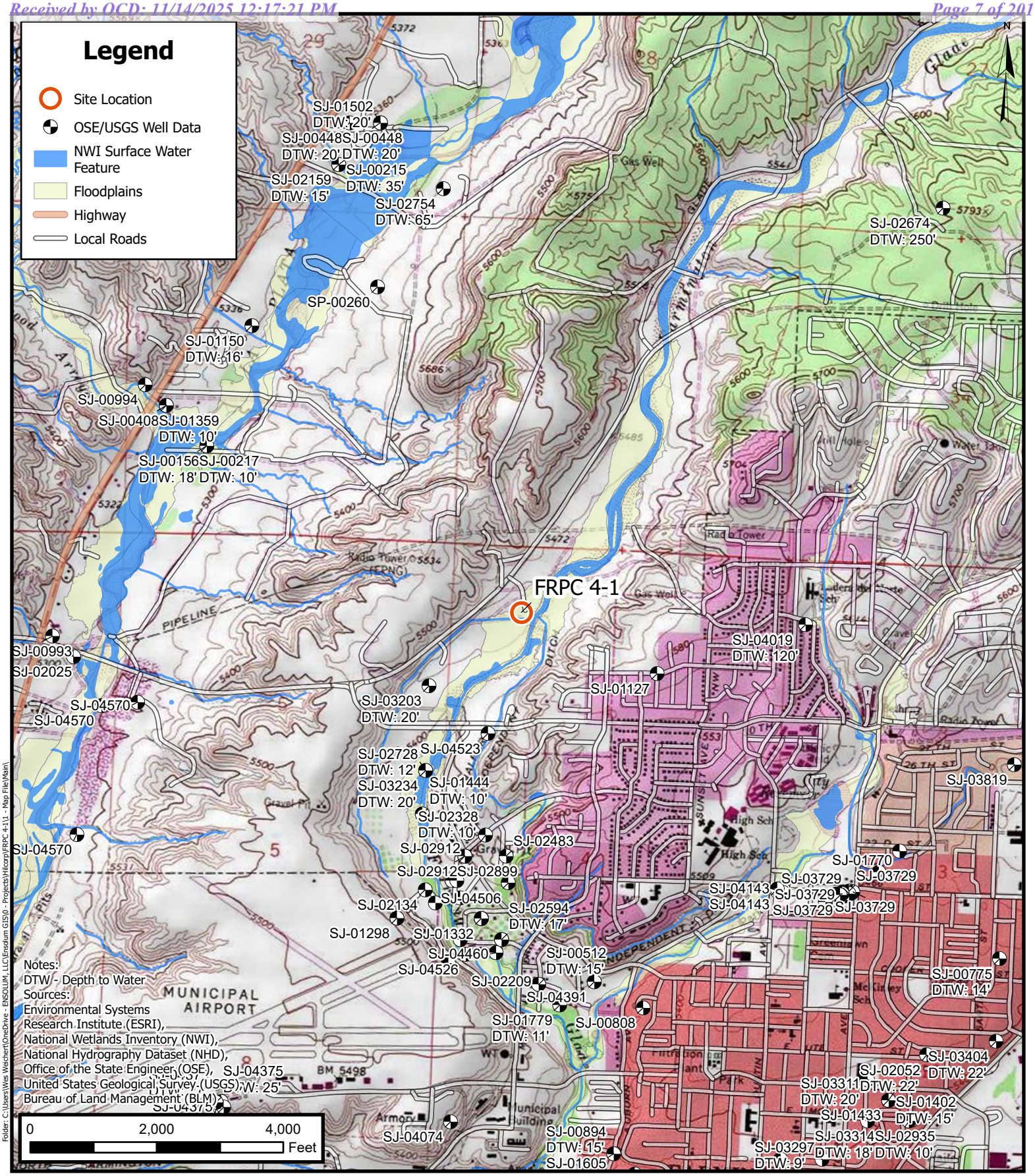
FIGURES



Folder: C:\Users\Wes Weichert\OneDrive - ENSOLUM, LLC\Ensolum GIS\0 - Projects\Hilcorp\FRPC 4-1\1 - Map File\Main\

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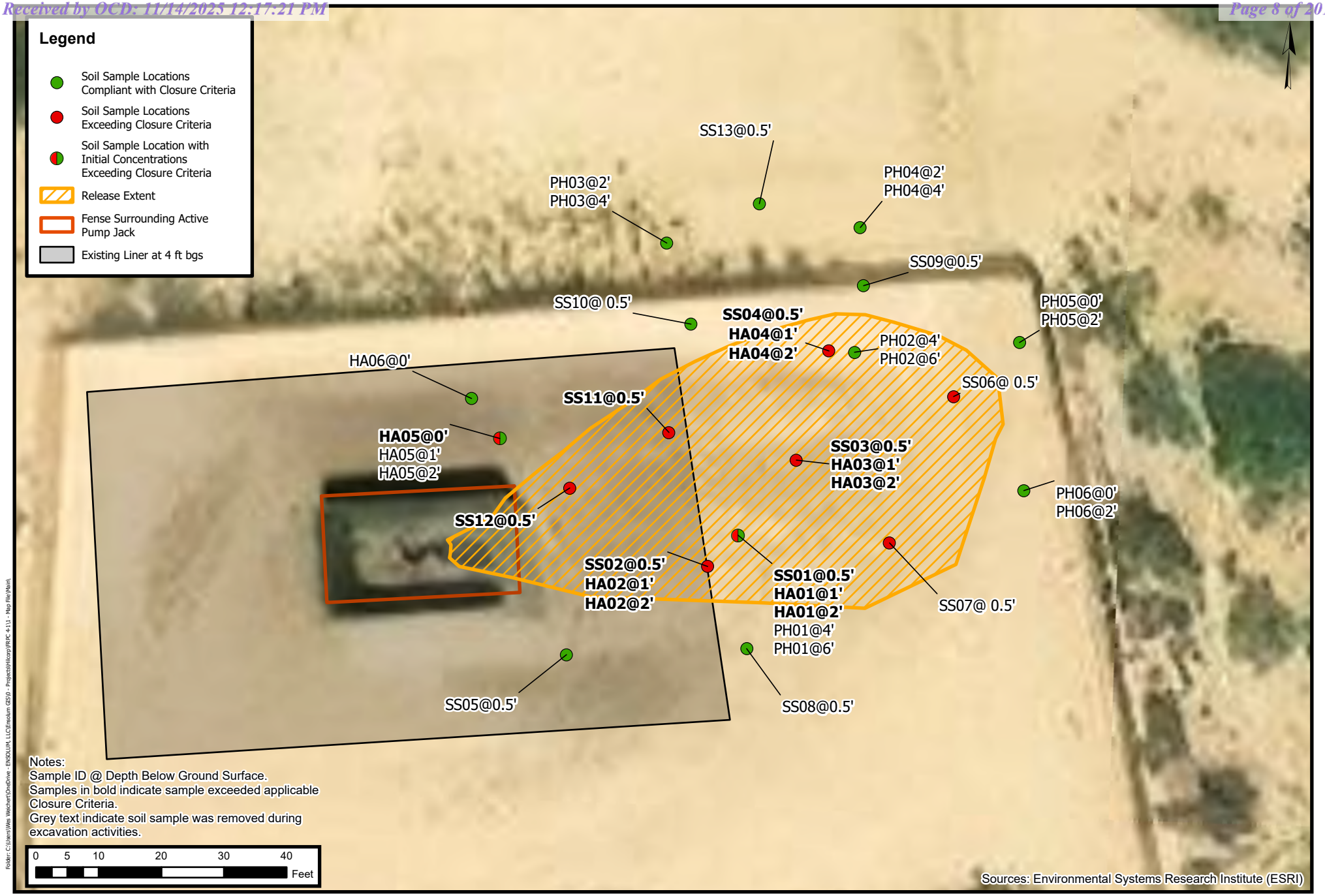
Site Receptor Map

Hilcorp Energy Company
FRPC 4 #001
Incident Number: nAPP2515255774
36.7598495, -108.2162476
San Juan, New Mexico

FIGURE 1



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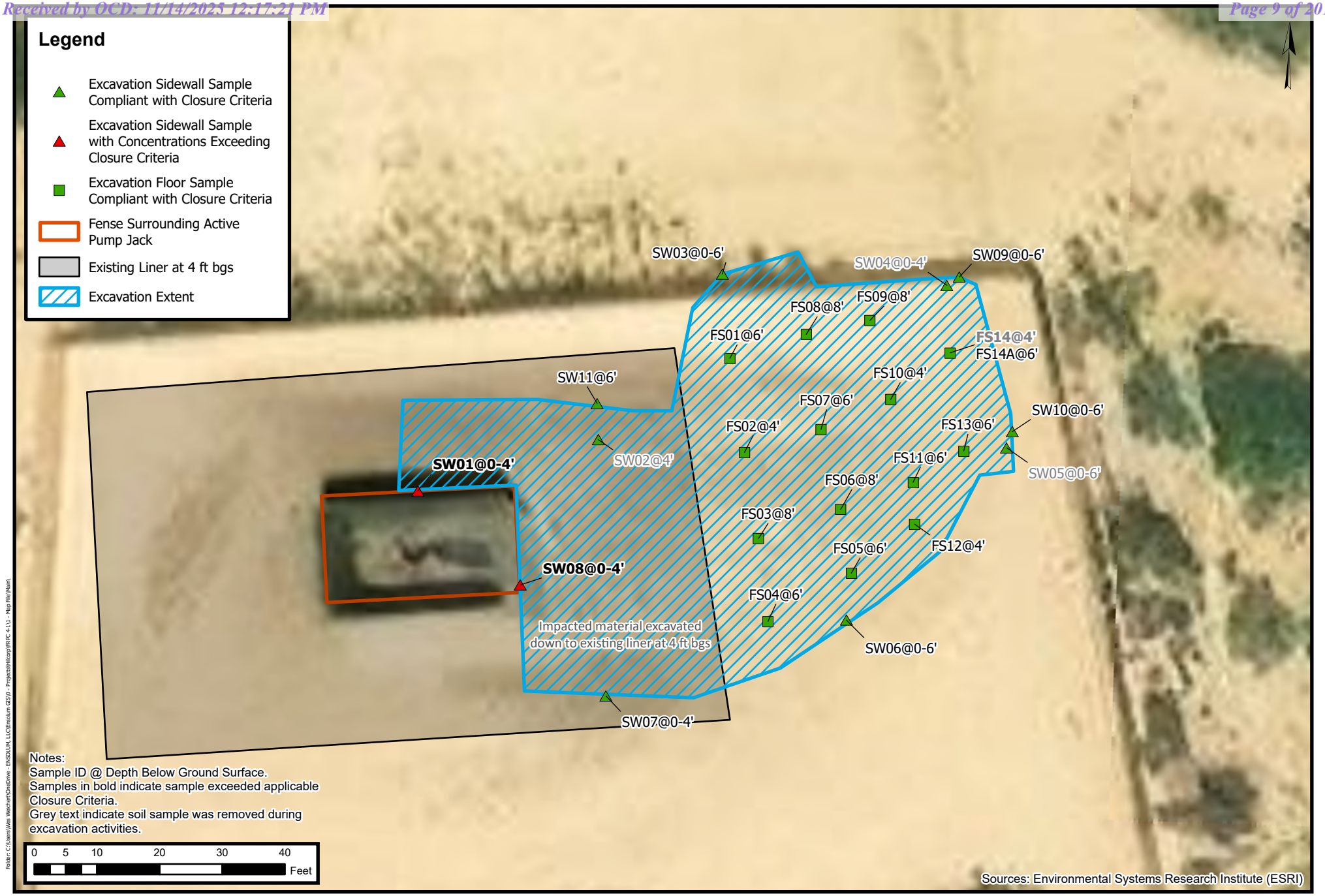
Release Extent and Delineation Soil Sample Locations

Hilcorp Energy Company
FRPC 4 #001
Incident Number: nAPP2515255774
36.7598495, -108.2162476
San Juan, New Mexico

FIGURE 2



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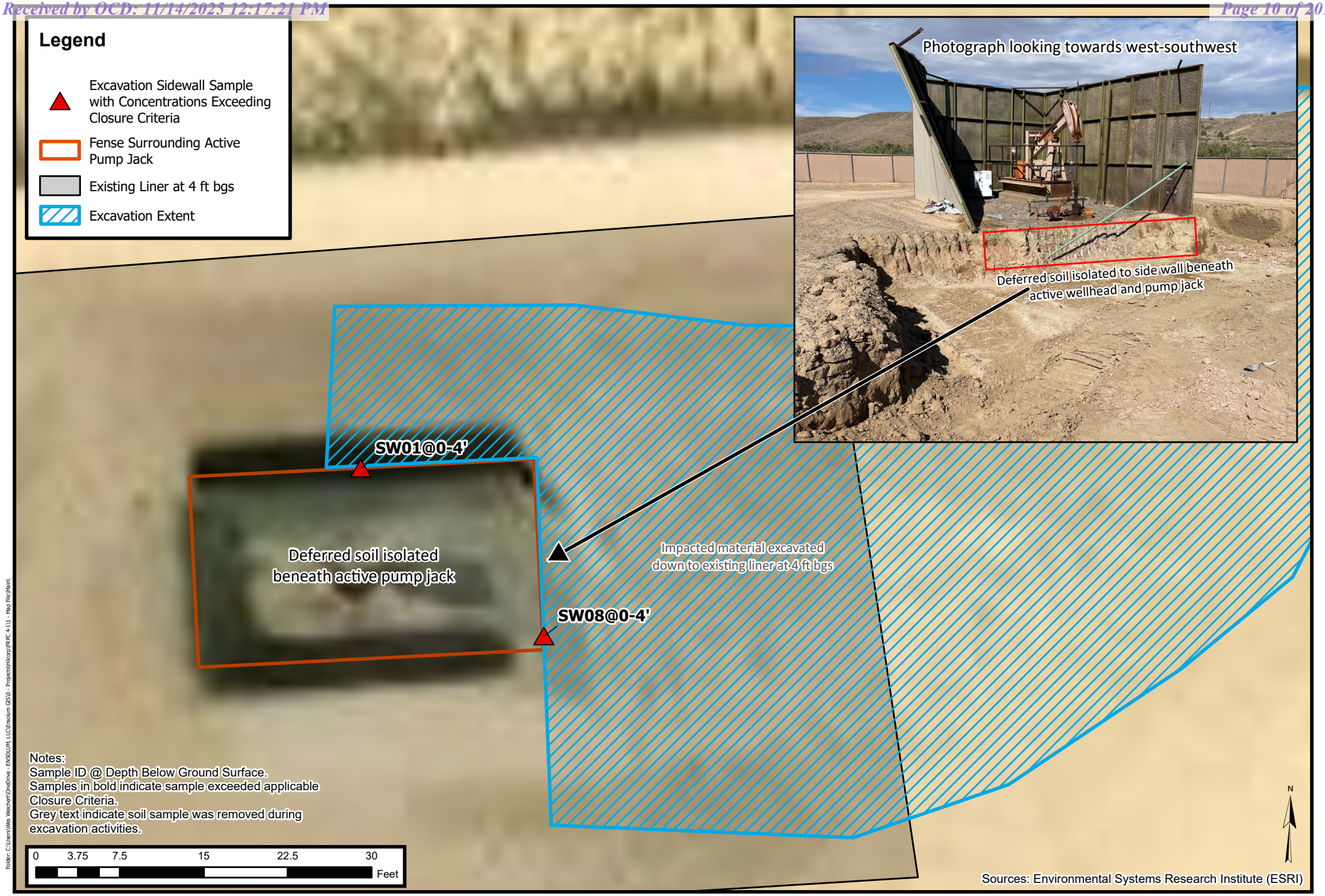
Excavation Extent and Confirmation Soil Sample Locations

Hilcorp Energy Company
FRPC 4 #001
Incident Number: nAPP2515255774
36.7598495, -108.2162476
San Juan, New Mexico

FIGURE 3



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Requested Deferral Area

Hilcorp Energy Company
FRPC 4 #001
Incident Number: nAPP2515255774
36.7598495, -108.2162476
San Juan, New Mexico

FIGURE 4

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TABLES

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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 Impacted by a Release			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
Hand 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
Pothole Samples														
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
': Feet
<: Indicates result less than the stated laboratory reporting limit (RL)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*
~~Grey~~ and strikethrough text represents samples that have been excavated

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TABLE 2
EXCAVATION 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 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~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~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
Sidewall 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~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~2,940~~
~~SW05 @ 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~~	~~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
< : Indicates result less than the stated laboratory reporting limit (RL)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*
~~Grey~~ and strikethrough text represents samples that have been excavated

ENSOLUM

APPENDIX A

Depth to Water Determination

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Doug Ann Ledford Owner's Well No. 1
Street or Post Office Address Box 1811
City and State Greeley Colo 80632

Well was drilled under Permit No. SJ-3203 and is located in the:

a. ____ ¼ SE ¼ SE ¼ NE ¼ of Section 5 Township 29N Range 13W N.M.P.M.
SAN JUAN COUNTY

b. Tract No. ____ of Map No. ____ of the ____

c. Lot No. ____ of Block No. ____ of the ____
Subdivision, recorded in ____ County.

d. X= ____ feet, Y= ____ feet, N.M. Coordinate System ____ Zone in the ____ Grant.

(B) Drilling Contractor MO-TE DRILLING INC License No. WD-733
Address Box 223 FARMINGTON NM 87499

Drilling Began 6-10-02 Completed 6-11-02 Type tools Rotary Size of hole 9 7/8 in.

Elevation of land surface or ____ at well is ____ ft. Total depth of well 59 ft.

Completed well is ☑ shallow ☐ artesian. Depth to water upon completion of well 20 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
12	36	24	GRAVEL & SAND	20

'02 JUN 24 PM 4:09

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
6"			0	59	59	N/A	19	59

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

'02 JUN 12 PM 4 00
STATE ENGINEER OFFICE AZTEC, NEW MEXICO

Section 5. PLUGGING RECORD

Plugging Contractor ____
Address ____
Plugging Method ____
Date Well Plugged ____
Plugging approved by:
____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 6-12-02

Quad ____ FWL ____ FSL ____

File No. SJ-3203 Use Dom Location No. 29N.13W.5.244

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	12	12	SILT
12	36	24	SAND & GRAVEL
36	59	23	SHALE

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.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled for any purpose. If this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

ENSOLUM

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: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 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.

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

CONDITIONS

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

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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

Action 492797

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 492797
	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	2,100
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

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

General Information
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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 492797

CONDITIONS

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

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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

Action 498196

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 498196
	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	3,000
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

Sante Fe Main Office
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Santa Fe, NM 87505

CONDITIONS

Action 498196

CONDITIONS

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

Wes Weichert, PG*
**Licensed in WY & TX*
Senior Geologist
816-266-8732
Ensolum, LLC

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 504258

QUESTIONS

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

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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

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

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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

Action 508419

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

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

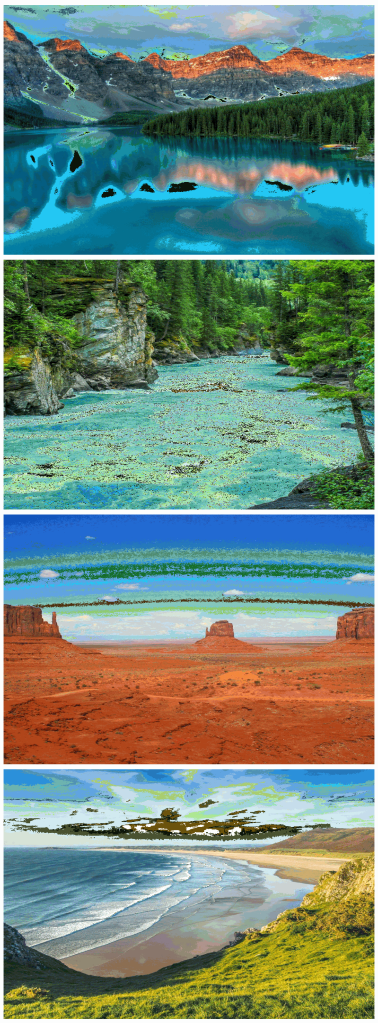
ENSOLUM

APPENDIX C

Laboratory Analytical Reports

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	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

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	**Reported:**
PO Box 61529	Project Number:	17051-0002	
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.

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

SS01 @ 0-6"

E506161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: BA			Batch: 2525090
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/19/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.3 %*	*70-130*	*06/19/25*	*06/19/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2525106
Diesel Range Organics (C10-C28)	**32.6**	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		*117 %*	*61-141*	*06/20/25*	*06/23/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2525104
Chloride	**2080**	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

HA01 @ 1'

E506161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**1650**	20.0	1	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

HA01 @ 2'

E506161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**648**	20.0	1	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

SS02 @ 0-6"

E506161-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**10800**	200	10	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

HA02 @ 1'

E506161-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**1500**	20.0	1	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

HA02 @ 2'

E506161-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**888**	20.0	1	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

SS03 @ 0-6"

E506161-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**13300**	200	10	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

HA03 @ 1'

E506161-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**4220**	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

HA03 @ 2'

E506161-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**1500**	20.0	1	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

SS04 @ 0-6"

E506161-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**6720**	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

HA04 @ 1'

E506161-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*103 %*	*70-130*	*06/19/25*	*06/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**1760**	20.0	1	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

HA04 @ 2'

E506161-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**675**	20.0	1	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

SS05 @ 0-6"

E506161-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**580**	20.0	1	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

SS06 @ 0-6"

E506161-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**959**	20.0	1	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

SS07 @ 0-6"

E506161-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**1010**	20.0	1	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

SS08 @ 0-6"

E506161-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**51.9**	20.0	1	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

SS09 @ 0-6"

E506161-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**406**	20.0	1	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

SS10 @ 0-6"

E506161-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**362**	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

SS11 @ 0-6"

E506161-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: IY			Batch: 2525104
Chloride	**628**	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

SS12 @ 0-6"

E506161-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: 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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: JM			Batch: 2525102
Chloride	ND	20.0	1	06/20/25	06/20/25	

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

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525090-BLK1)									Prepared: 06/19/25 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: 06/19/25 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			
p,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: E506161-04**					Prepared: 06/19/25 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: E506161-04**					Prepared: 06/19/25 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*			

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

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525099-BLK1)									Prepared: 06/20/25 Analyzed: 06/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.75*		*8.00*		*96.9*	*70-130*			
LCS (2525099-BS1)									Prepared: 06/20/25 Analyzed: 06/21/25
Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	5.06	0.0250	5.00		101	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*96.9*	*70-130*			
Matrix Spike (2525099-MS1)				**Source: E506160-10**					Prepared: 06/20/25 Analyzed: 06/21/25
Benzene	5.16	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.03	0.0250	5.00	ND	101	70-130			
Toluene	5.24	0.0250	5.00	0.104	103	70-130			
o-Xylene	5.12	0.0250	5.00	0.0336	102	70-130			
p,m-Xylene	10.2	0.0500	10.0	0.127	101	70-130			
Total Xylenes	15.4	0.0250	15.0	0.161	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.84*		*8.00*		*97.9*	*70-130*			
Matrix Spike Dup (2525099-MSD1)				**Source: E506160-10**					Prepared: 06/20/25 Analyzed: 06/21/25
Benzene	5.04	0.0250	5.00	ND	101	70-130	2.30	27	
Ethylbenzene	4.95	0.0250	5.00	ND	99.0	70-130	1.53	26	
Toluene	5.15	0.0250	5.00	0.104	101	70-130	1.69	20	
o-Xylene	5.03	0.0250	5.00	0.0336	100	70-130	1.74	25	
p,m-Xylene	10.1	0.0500	10.0	0.127	100	70-130	0.992	23	
Total Xylenes	15.2	0.0250	15.0	0.161	100	70-130	1.24	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.80*		*8.00*		*97.5*	*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	6/25/2025 4:30:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525090-BLK1)									Prepared: 06/19/25 Analyzed: 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: 06/19/25 Analyzed: 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: 06/19/25 Analyzed: 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: 06/19/25 Analyzed: 06/19/25
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.3	70-130	3.83	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.80*		*8.00*		*97.5*	*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	6/25/2025 4:30:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525099-BLK1)									Prepared: 06/20/25 Analyzed: 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: 06/20/25 Analyzed: 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: 06/20/25 Analyzed: 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: E506160-10**					Prepared: 06/20/25 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*			

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525106-BLK1)									Prepared: 06/20/25 Analyzed: 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: 06/20/25 Analyzed: 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: 06/20/25 Analyzed: 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: 06/20/25 Analyzed: 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*			

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525107-BLK1)									Prepared: 06/20/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*58.6*		*50.0*		*117*	*61-141*			
LCS (2525107-BS1)									Prepared: 06/20/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	291	25.0	250		116	66-144			
Surrogate: n-Nonane	*59.4*		*50.0*		*119*	*61-141*			
Matrix Spike (2525107-MS1)				**Source: E506160-04**					Prepared: 06/20/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	901	25.0	250	668	93.0	56-156			
Surrogate: n-Nonane	*137*		*50.0*		*273*	*61-141*			*S5*
Matrix Spike Dup (2525107-MSD1)				**Source: E506160-04**					Prepared: 06/20/25 Analyzed: 06/23/25
Diesel Range Organics (C10-C28)	982	25.0	250	668	126	56-156	8.65	20	
Surrogate: n-Nonane	*150*		*50.0*		*301*	*61-141*			*S5*

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

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525102-BLK1)									Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	ND	20.0							
LCS (2525102-BS1)									Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2525102-MS1)				**Source: E506167-01**					Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	876	20.0	250	618	103	80-120			
Matrix Spike Dup (2525102-MSD1)				**Source: E506167-01**					Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	984	20.0	250	618	146	80-120	11.7	20	M2

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

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2525104-BLK1)									Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	ND	20.0							
LCS (2525104-BS1)									Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2525104-MS1)				**Source: E506161-07**					Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	20200	200	250	13300	NR	80-120			M4
Matrix Spike Dup (2525104-MSD1)				**Source: E506161-07**					Prepared: 06/20/25 Analyzed: 06/20/25
Chloride	14800	200	250	13300	615	80-120	30.7	20	M4, R3

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	06/25/25 16:30

M2	Matrix spike recovery was outside quality control limits. The associated LCS 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.

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E50101101	1D 2D 3D Std	NM CO UT TX
Project Name: FRPC 4-1	Address:	Job Number 17051-0002		X
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method | **EPA Program**: SDWA / CWA / RCRA; Compliance Y or N; PWSID #

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	GRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
11:00	6/18/25	Soil	1-4oz	SS01 @ 0-6"		1	X	X	X		X							4.9	
11:03	"	"	"	~~HA01@1'~~ HA01 @ 1'		2	"	"	"		"							4.7	
11:05	"	"	"	HA01 @ 2'		3	"	"	"		"							5.3	
11:36	"	"	"	SS02 @ 0-6"		4	"	"	"		"							4.9	
11:35	"	"	"	HA02@1'		5	"	"	"		"							5.4	
11:40	"	"	"	HA02@2'		6	"	"	"		"							5.5	
12:00	"	"	"	SS03@0-6"		7	"	"	"		"							4.3	
12:05	"	"	"	HA03@1'		8	"	"	"		"							4.6	
12:10	"	"	"	HA03@2'		9	"	"	"		"							4.8	
12:20	X	X	X	SS04 @ 0-6"		10	X	X	X		X							4.4	

Additional Instructions: Please CC; Stuart hyde at shyde@ensolum.com, zach myers at zmyers@ensolum.com, wes weichert at wweichert@ensolum.com

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

Sampled by: Tracy Dembrowski

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6/18/25	1530	[signature]	6-18-25	1530

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

Lab Use Only
Received on ice: (Y) N

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E506110	Job Number 17051.0002	1D 2D 3D Std: X	NM: X CO UT TX
Project Name: FRPC 4-1	Address:			
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
12:25	6/18/25	Soil	1-4oz	HA04@ 1'		11	X	X	X		X							4.8	
12:30	〃	〃	〃	HA04@ 2'		12	〃	〃	〃		〃							4.5	
13:15				SS05@ 0-6"		13												4.9	
13:27				SS06@ 0-6"		14												4.5	
13:23				SS07@ 0-6"		15												4.3	
13:18				SS08@ 0-6"		16												4.2	
13:31				SS09@ 0-6"		17												4.7	
13:34				SS10@ 0-6"		18												4.2	
13:53				SS11@ 0-6"		19												3.9	
13:57	X	X	X	SS12@ 0-6"		20	X	X	X		X							4.8	

Additional Instructions: See page 1

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

Sampled by: Tracy Dembrowski

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	6/18/25	1530	[signature]	6-18-25	1530

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

Lab Use Only

Received on ice: Y / N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E501161	1D 2D 3D Std	NM CO UT TX
Project Name: FAPC 4-1	Address:	Job Number 17051.0002		X
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mKillough@hilcorp.com				

Sample Information							Analysis and Method										EPA Program	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA / CWA / RCRA; Compliance Y or N; PWSID #
14:10	6/18/25	Soil	1-4oz	SS13@ 0-6"		21	X	X	X		X						4.0	

Additional Instructions: see page 1

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/18/25	1530		6-18-25	1530

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

Lab Use Only
Received on ice: (Y) N

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

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

Envirotech Analytical Laboratory

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

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 15:30	Work Order ID:	E506161
Phone:	-	Date Logged In:	06/19/25 09:16	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	06/25/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

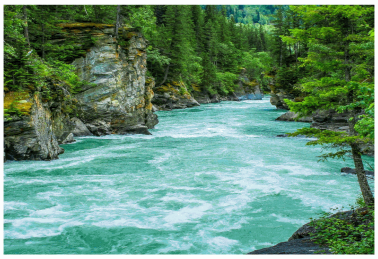
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	FRPC 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
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
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.

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	8/15/2025 3:00:09PM

FS01A @ 4'

E508142-01

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS02A @ 4'

E508142-02

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS03A @ 4'

E508142-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**826**	20.0	1	08/14/25	08/14/25	

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	8/15/2025 3:00:09PM

FS04A @ 4'

E508142-04

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS05A @ 4'

E508142-05

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS06A @ 4'

E508142-06

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS07A @ 4'

E508142-07

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

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	8/15/2025 3:00:09PM

FS08A @ 4'

E508142-08

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS09A @ 4'

E508142-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**369**	20.0	1	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

FS10A @ 4'

E508142-10

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS11A @ 4'

E508142-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**538**	20.0	1	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

FS12A @ 4'

E508142-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**1250**	20.0	1	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

FS13A @ 4'

E508142-13

Analyte	Result	Reporting 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	

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	8/15/2025 3:00:09PM

FS14A @ 4'

E508142-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**322**	20.0	1	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

SW01A @ 0-4'

E508142-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**3290**	40.0	2	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

SW02A @ 0-4'

E508142-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**2160**	40.0	2	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

SW03A @ 0-4'

E508142-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**1170**	40.0	2	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

SW04A @ 0-4'

E508142-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**537**	20.0	1	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

SW05A @ 0-4'

E508142-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2533066
Chloride	**575**	20.0	1	08/14/25	08/15/25	

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	8/15/2025 3:00:09PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2533066-BLK1)									Prepared: 08/14/25 Analyzed: 08/14/25
Chloride	ND	20.0							
LCS (2533066-BS1)									Prepared: 08/14/25 Analyzed: 08/14/25
Chloride	262	20.0	250		105	90-110			
Matrix Spike (2533066-MS1)				**Source: E508142-07**					Prepared: 08/14/25 Analyzed: 08/14/25
Chloride	964	20.0	250	724	96.1	80-120			
Matrix Spike Dup (2533066-MSD1)				**Source: E508142-07**					Prepared: 08/14/25 Analyzed: 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	
PO Box 61529	Project Number:	17051-0002	**Reported:**
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

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E508142	Job Number 17051.002	1D 2D 3D Std: 3D X	NM X CO UT TX
Project Name: FRPC 4-1	Address:			
Project Manager: Mitch Killough	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Sample Information							Analysis and Method											EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				SDWA	CWA	RCRA
0927	8/12/25	Soil	one, 4oz	FS01A @ 4'		1					X							Compliance	Y or N	
0930				FS02A @ 4'		2					X							PWSID #		
0935				FS03A @ 4'		3					X							Remarks		
0933				FS04A @ 4'		4					X									
1024				FS05A @ 4'		5					X									
1027				FS06A @ 4'		6					X									
1030				FS07A @ 4'		7					X									
1033				FS08A @ 4'		8					X									
1123				FS09A @ 4'		9					X									
1126				FS10A @ 4'		10					X									

4.6
5.0
5.0
4.8
4.4
5.1
5.3
4.9
4.8
4.8

Additional Instructions: cc: snyde@ensolum.com, wweichert@ensolum.com, hpeck@ensolum.com

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	8/12/25	1503	Caitlin Man	8.12.25	15:05

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C _____

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company: SAME AS	Lab WO# E508142	Job Number 17051.0002	1D 2D 3D Std: 3D ☒	NM ☒ CO UT TX
Project Name: FRPC 4-1	Address:			
Project Manager: Mitch Killough	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Remarks
1129	8/12/25	soil	one, 4oz	FS11A @ 4'		11					X				4.5
1132				FS12A @ 4'		12					X				5.0
1225				FS13A @ 4'		13					X				5.2
1228				FS14A @ 4'		14					X				5.1
1231				SW01A @ 0-4'		15					X				5.0
1234				SW02A @ 0-4'		16					X				4.9
1320				SW03A @ 0-4'		17					X				4.9
1323				SW04A @ 0-4'		18					X				5.1
1326				SW05A @ 0-4'		19					X				5.2
	WW														

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	8/12/25	1503	Cuth Mac	8.12.25	1505

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

Envirotech Analytical Laboratory

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

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)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

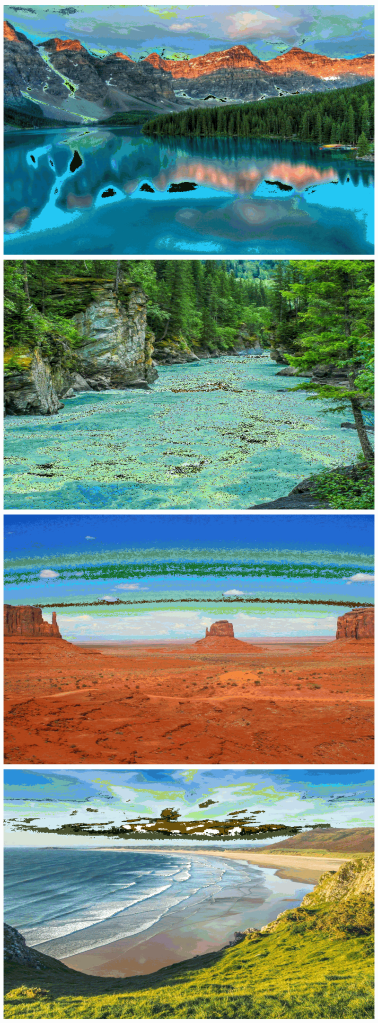
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	FRPC 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
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Table of Contents

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Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
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.

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	8/29/2025 1:51:59PM

PH01 @ 4'

E508284-01

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		*89.3 %*	*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		*93.7 %*	*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		*102 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**137**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH01 @ 6'

E508284-02

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	Analyst: TP			Batch: 2535056
Chloride	**90.9**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH02 @ 4'

E508284-03

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		*88.7 %*	*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	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		*101 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**509**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH02 @ 6'

E508284-04

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	
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		*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	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		*95.9 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**90.8**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH03 @ 2'

E508284-05

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		*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		*93.7 %*	*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		*98.0 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	ND	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH03 @ 4'

E508284-06

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		*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	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		*101 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	ND	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH04 @ 2'

E508284-07

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		*89.0 %*	*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		*93.2 %*	*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		*98.2 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**324**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH04 @ 4'

E508284-08

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	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		*98.4 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**157**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH05 @ 0'

E508284-09

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		*88.7 %*	*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		*93.2 %*	*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		*98.7 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**363**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH05 @ 2'

E508284-10

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	
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		*89.2 %*	*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		*93.7 %*	*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		*102 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**37.8**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

PH06 @ 0'

E508284-11

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		*88.7 %*	*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		*93.0 %*	*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		*99.9 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**139**	20.0	1	08/27/25	08/27/25	

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	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	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	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		*93.9 %*	*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		*100 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**138**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

HA05 @ 0'

E508284-13

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		*93.1 %*	*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		*96.6 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**1200**	20.0	1	08/27/25	08/27/25	

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	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	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	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		*101 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**40.9**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

HA05 @ 2'

E508284-15

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		*90.1 %*	*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	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		*104 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**139**	20.0	1	08/27/25	08/27/25	

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	8/29/2025 1:51:59PM

HA06 @ 0'

E508284-16

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		*90.0 %*	*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	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		*98.2 %*	*61-141*	*08/27/25*	*08/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2535056
Chloride	**68.3**	20.0	1	08/27/25	08/27/25	

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

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2535043-BLK1)									Prepared: 08/26/25 Analyzed: 08/27/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.83*		*8.00*		*85.4*	*70-130*			
LCS (2535043-BS1)									Prepared: 08/26/25 Analyzed: 08/27/25
Benzene	4.85	0.0250	5.00		96.9	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130			
Toluene	4.81	0.0250	5.00		96.3	70-130			
o-Xylene	4.74	0.0250	5.00		94.7	70-130			
p,m-Xylene	9.59	0.0500	10.0		95.9	70-130			
Total Xylenes	14.3	0.0250	15.0		95.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.12*		*8.00*		*89.0*	*70-130*			
Matrix Spike (2535043-MS1)				**Source: E508284-04**					Prepared: 08/26/25 Analyzed: 08/27/25
Benzene	4.92	0.0250	5.00	ND	98.4	70-130			
Ethylbenzene	4.78	0.0250	5.00	ND	95.5	70-130			
Toluene	4.88	0.0250	5.00	ND	97.6	70-130			
o-Xylene	4.81	0.0250	5.00	ND	96.1	70-130			
p,m-Xylene	9.69	0.0500	10.0	ND	96.9	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.14*		*8.00*		*89.2*	*70-130*			
Matrix Spike Dup (2535043-MSD1)				**Source: E508284-04**					Prepared: 08/26/25 Analyzed: 08/27/25
Benzene	5.76	0.0250	5.00	ND	115	70-130	15.8	27	
Ethylbenzene	5.62	0.0250	5.00	ND	112	70-130	16.3	26	
Toluene	5.72	0.0250	5.00	ND	114	70-130	15.8	20	
o-Xylene	5.57	0.0250	5.00	ND	111	70-130	14.8	25	
p,m-Xylene	11.4	0.0500	10.0	ND	114	70-130	15.9	23	
Total Xylenes	16.9	0.0250	15.0	ND	113	70-130	15.5	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.12*		*8.00*		*88.9*	*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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2535043-BLK1)									Prepared: 08/26/25 Analyzed: 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: 08/26/25 Analyzed: 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: 08/26/25 Analyzed: 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: 08/26/25 Analyzed: 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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2535047-BLK1)									Prepared: 08/27/25 Analyzed: 08/27/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.5*		*50.0*		*95.1*	*61-141*			
LCS (2535047-BS1)									Prepared: 08/27/25 Analyzed: 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: 08/27/25 Analyzed: 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: 08/27/25 Analyzed: 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:	FRPC 4-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	8/29/2025 1:51:59PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2535056-BLK1)									Prepared: 08/27/25 Analyzed: 08/27/25
Chloride	ND	20.0							
LCS (2535056-BS1)									Prepared: 08/27/25 Analyzed: 08/27/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2535056-MS1)				**Source: E508284-08**					Prepared: 08/27/25 Analyzed: 08/27/25
Chloride	422	20.0	250	157	106	80-120			
Matrix Spike Dup (2535056-MSD1)				**Source: E508284-08**					Prepared: 08/27/25 Analyzed: 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 Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: HilcoRP	Company:	Lab WO# E508284	Job Number 17051-0002	1D 2D 3D Std: Std
Project Name: FRPC 4-1	Address:			NM CO UT TX: NM
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Temp	Remarks
0830	8/26/25	SOIL	1-4oz	PH01@4'		1	X	X	X		X							3.9	
0911				PH01@6'		2												4.3	
0832				PH02@4'		3												4.5	
0953				PH02@6'		4												4.1	
1213				PH03@2'		5												4.9	
1219				PH03@4'		6												4.3	
1052				PH04@2'		7												4.2	
1117				PH04@4'		8												4.4	
0844				PH05@0'		9												4.6	
1010				PH05@2'		10												3.9	

Analysis and Method	EPA Program
DRO/ORO by 8015, GRO/DRO by 8015, BTEX by 8021, VOC by 8260, Chloride 300.0, BGDOC - NM, TCEQ 1005 - TX, RCRA 8 Metals	SDWA CWA RCRA; Compliance Y or N; PWSID #

Additional Instructions: Please cc: shyde@ensolum.com, wweichert@ensolum.com, tdembrowski@ensolum.com

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

Sampled by: Tracy Dembrowski

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/26/25	1415	Nae Saty	8.26.25	1415
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other S

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

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Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E508284	1D 2D 3D Std	NM CO UT TX
Project Name: FRPC 4-1	Address:	Job Number 17051.0002		X
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Temp	Remarks
0845	8/26/25	Soil	1-4oz	PH06@0'		11	X	X	X		X							3.8	
1025				PH06@2'		12												4.2	
1040				HA05@0'		13												4.1	
1043				HA05@1'		14												4.4	
1045				HA05@2'		15												4.7	
1115	↓	↓	↓	HA06@0'		16	↓	↓	↓		↓							4.5	

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: Please see page 1.

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

Sampled by: TRACY DEMBROWSKI

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8/26/25	1415		8-26-25	1415
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other S

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

Envirotech Analytical Laboratory

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

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 14:15	Work Order ID:	E508284
Phone:	-	Date Logged In:	08/26/25 14:23	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	09/02/25 07:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

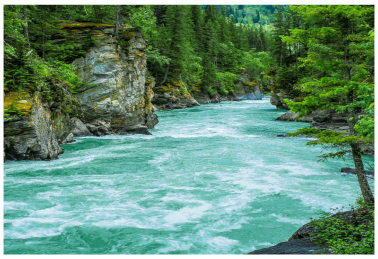
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: FRPC 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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
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.

Case Narative:

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	Laboratory ID	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

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	9/26/2025 12:13:06PM

FS01 @ 6'

E509159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*110 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**190**	20.0	1	09/16/25	09/17/25	

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	9/26/2025 12:13:06PM

FS02 @ 4'

E509159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*94.6 %*	*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		*109 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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		*93.8 %*	*61-141*	*09/17/25*	*09/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2538047
Chloride	**397**	20.0	1	09/16/25	09/17/25	

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	9/26/2025 12:13:06PM

FS03 @ 8'

E509159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*93.8 %*	*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		*110 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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		*89.1 %*	*61-141*	*09/17/25*	*09/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2538047
Chloride	**327**	20.0	1	09/16/25	09/17/25	

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	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	Analyst: 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	Analyst: 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	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**370**	20.0	1	09/16/25	09/17/25	

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	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	Analyst: 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		*92.6 %*	*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		*109 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**182**	20.0	1	09/16/25	09/17/25	

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	9/26/2025 12:13:06PM

FS06 @ 8'

E509159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*95.1 %*	*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		*109 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**145**	20.0	1	09/16/25	09/17/25	

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	9/26/2025 12:13:06PM

FS07 @ 6'

E509159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*93.4 %*	*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		*108 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**247**	20.0	1	09/16/25	09/17/25	

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	9/26/2025 12:13:06PM

FS08 @ 8'

E509159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*95.1 %*	*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		*109 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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		*91.4 %*	*61-141*	*09/17/25*	*09/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2538047
Chloride	**243**	20.0	1	09/16/25	09/17/25	

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	9/26/2025 12:13:06PM

FS09 @ 8'

E509159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*93.8 %*	*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		*108 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2539068
Chloride	**521**	20.0	1	09/23/25	09/23/25	

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	9/26/2025 12:13:06PM

FS10 @ 4'

E509159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*108 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**212**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

FS11 @ 6'

E509159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*93.7 %*	*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		*110 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**401**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

FS12 @ 4'

E509159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**222**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

FS13 @ 6'

E509159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*96.0 %*	*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		*108 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**121**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

FS14 @ 4'

E509159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*94.4 %*	*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		*107 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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		*90.2 %*	*61-141*	*09/17/25*	*09/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2538047
Chloride	**2650**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

SW01 @ 0-4'

E509159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*95.2 %*	*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	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**6510**	100	5	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

SW02 @ 0-4'

E509159-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*96.9 %*	*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		*109 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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		*94.8 %*	*61-141*	*09/17/25*	*09/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2539143
Chloride	**591**	20.0	1	09/25/25	09/25/25	

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	9/26/2025 12:13:06PM

SW03 @ 0-6'

E509159-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**159**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

SW04 @ 0-4'

E509159-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**2940**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

SW05 @ 0-6'

E509159-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*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	Analyst: 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	Analyst: TP			Batch: 2539068
Chloride	**649**	20.0	1	09/23/25	09/23/25	

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	9/26/2025 12:13:06PM

SW06 @ 0-6'

E509159-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*97.0 %*	*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		*107 %*	*70-130*	*09/16/25*	*09/17/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: 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	Analyst: TP			Batch: 2538047
Chloride	**560**	20.0	1	09/16/25	09/18/25	

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	9/26/2025 12:13:06PM

SW07 @ 0-4'

E509159-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	Analyst: 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	Analyst: DT			Batch: 2538075
Chloride	**587**	20.0	1	09/17/25	09/18/25	

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	9/26/2025 12:13:06PM

SW08 @ 0-4'

E509159-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*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	Analyst: 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	Analyst: DT			Batch: 2538075
Chloride	**7530**	200	10	09/17/25	09/18/25	

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

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538044-BLK1)									Prepared: 09/16/25 Analyzed: 09/16/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.41*		*8.00*		*92.6*	*70-130*			
LCS (2538044-BS1)									Prepared: 09/16/25 Analyzed: 09/16/25
Benzene	4.54	0.0250	5.00		90.9	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.2	70-130			
Toluene	4.53	0.0250	5.00		90.6	70-130			
o-Xylene	4.50	0.0250	5.00		90.1	70-130			
p,m-Xylene	9.06	0.0500	10.0		90.6	70-130			
Total Xylenes	13.6	0.0250	15.0		90.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.31*		*8.00*		*91.4*	*70-130*			
Matrix Spike (2538044-MS1)				**Source: E509159-04**					Prepared: 09/16/25 Analyzed: 09/16/25
Benzene	4.30	0.0250	5.00	ND	85.9	70-130			
Ethylbenzene	4.20	0.0250	5.00	ND	84.0	70-130			
Toluene	4.27	0.0250	5.00	ND	85.3	70-130			
o-Xylene	4.25	0.0250	5.00	ND	84.9	70-130			
p,m-Xylene	8.54	0.0500	10.0	ND	85.4	70-130			
Total Xylenes	12.8	0.0250	15.0	ND	85.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.31*		*8.00*		*91.4*	*70-130*			
Matrix Spike Dup (2538044-MSD1)				**Source: E509159-04**					Prepared: 09/16/25 Analyzed: 09/16/25
Benzene	5.08	0.0250	5.00	ND	102	70-130	16.7	27	
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	70-130	17.2	26	
Toluene	5.05	0.0250	5.00	ND	101	70-130	16.8	20	
o-Xylene	4.99	0.0250	5.00	ND	99.7	70-130	16.0	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	16.9	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	16.6	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.34*		*8.00*		*91.7*	*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	9/26/2025 12:13:06PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538045-BLK1)									Prepared: 09/16/25 Analyzed: 09/18/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.69*		*8.00*		*96.2*	*70-130*			
LCS (2538045-BS1)									Prepared: 09/16/25 Analyzed: 09/17/25
Benzene	4.73	0.0250	5.00		94.5	70-130			
Ethylbenzene	4.68	0.0250	5.00		93.6	70-130			
Toluene	4.71	0.0250	5.00		94.1	70-130			
o-Xylene	4.69	0.0250	5.00		93.9	70-130			
p,m-Xylene	9.50	0.0500	10.0		95.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.73*		*8.00*		*96.6*	*70-130*			
Matrix Spike (2538045-MS1)				**Source: E509159-21**					Prepared: 09/16/25 Analyzed: 09/17/25
Benzene	5.57	0.0250	5.00	ND	111	70-130			
Ethylbenzene	5.52	0.0250	5.00	ND	110	70-130			
Toluene	5.55	0.0250	5.00	ND	111	70-130			
o-Xylene	5.45	0.0250	5.00	ND	109	70-130			
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130			
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.87*		*8.00*		*98.4*	*70-130*			
Matrix Spike Dup (2538045-MSD1)				**Source: E509159-21**					Prepared: 09/16/25 Analyzed: 09/17/25
Benzene	5.59	0.0250	5.00	ND	112	70-130	0.359	27	
Ethylbenzene	5.56	0.0250	5.00	ND	111	70-130	0.677	26	
Toluene	5.57	0.0250	5.00	ND	111	70-130	0.426	20	
o-Xylene	5.49	0.0250	5.00	ND	110	70-130	0.636	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	0.603	23	
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130	0.614	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.82*		*8.00*		*97.7*	*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	9/26/2025 12:13:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538044-BLK1)									Prepared: 09/16/25 Analyzed: 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 Analyzed: 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)				**Source: E509159-04**					Prepared: 09/16/25 Analyzed: 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: E509159-04**					Prepared: 09/16/25 Analyzed: 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*			

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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
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)				**Source: E509159-21**					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)				**Source: E509159-21**					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*			

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538050-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	*43.2*		*50.0*		*86.5*	*61-141*			
LCS (2538050-BS1)									Prepared: 09/17/25 Analyzed: 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)				**Source: E509161-01**					Prepared: 09/17/25 Analyzed: 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)				**Source: E509161-01**					Prepared: 09/17/25 Analyzed: 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*			

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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (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: E509159-02**					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: E509159-02**					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*			

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

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (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)				**Source: E509159-03**					Prepared: 09/16/25 Analyzed: 09/17/25
Chloride	562	20.0	250	327	93.9	80-120			
Matrix Spike Dup (2538047-MSD1)				**Source: E509159-03**					Prepared: 09/16/25 Analyzed: 09/17/25
Chloride	571	20.0	250	327	97.6	80-120	1.60	20	

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

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2538075-BLK1)									Prepared: 09/17/25 Analyzed: 09/18/25
Chloride	ND	20.0							
LCS (2538075-BS1)									Prepared: 09/17/25 Analyzed: 09/18/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2538075-MS1)				**Source: E509169-04**					Prepared: 09/17/25 Analyzed: 09/18/25
Chloride	261	20.0	250	ND	105	80-120			
Matrix Spike Dup (2538075-MSD1)				**Source: E509169-04**					Prepared: 09/17/25 Analyzed: 09/18/25
Chloride	264	20.0	250	ND	106	80-120	1.04	20	

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

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539068-BLK1)									Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	ND	20.0							
LCS (2539068-BS1)									Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2539068-MS1)				**Source: E509209-69**					Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	260	20.0	250	ND	104	80-120			
Matrix Spike Dup (2539068-MSD1)				**Source: E509209-69**					Prepared: 09/23/25 Analyzed: 09/23/25
Chloride	260	20.0	250	ND	104	80-120	0.0627	20	

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

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (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)				**Source: E509244-24**					Prepared: 09/25/25 Analyzed: 09/25/25
Chloride	266	20.0	250	ND	106	80-120			
Matrix Spike Dup (2539143-MSD1)				**Source: E509244-24**					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.

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company:	Lab WO# E509159	Job Number 17051-0002	1D 2D 3D Std: Std	NM CO UT TX: NM
Project Name: FRPC 4-1	Address: SAME AS			
Project Manager: Mitch Killough	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			SDWA	CWA	RCRA
1451	9/15/25	Soil	4oz. one	FS01 @ 6'		1	X	X	X		X						Compliance	Y	or N
1452				FS02 @ 4'		2											PWSID #		
1453				FS03 @ 8'		3											Remarks		
1454				FS04 @ 6'		4													
1504				FS05 @ 6'		5													
1505				FS06 @ 8'		6													
1507				FS07 @ 6'		7													
1508				FS08 @ 8'		8													
1511				FS09 @ 8'		9													
1512				FS10 @ 4'		10													

	5.2
	5.4
	5.0
	5.0
	4.9
	5.2
	4.6
	4.8
	5.0
	5.4

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

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Sampled by: Harper Peck & Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	9/15/25	1613	Cauth Mon	9.15.25	1615

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C _____

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E509159	Job Number 17051.0002	1D 2D 3D Std: Std
Project Name: ERPC 4-1	Address:			NM CO UT TX: NM
Project Manager: Mitch Killough	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method / **EPA Program**: SDWA | CWA | RCRA; Compliance Y or N; PWSID #

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1514	9/15/25	soil	402, one	FS11 @ 6'		11	X	X	X		X							4.9	
1516				FS12 @ 4'		12												4.9	
1517				FS13 @ 6'		13												4.5	
1519				FS14 @ 4'		14												5.0	
1436				SW01 @ 0-4'		15												5.2	
1438				SW02 @ 0-4'		16												5.5	
1440				SW03 @ 0-6'		17												5.4	
1442				SW04 @ 0-4'		18												4.8	
1444				SW05 @ 0-6'		19												4.9	
1446				SW06 @ 0-6'		20												4.8	

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

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

Sampled by: Harper Peck & Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	9/15/25	1613	Caitlin Man	9.15.25	1615

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

Lab Use Only
Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company:	Lab WO# E509159	Job Number 17051.0002	1D 2D 3D Std: Std ✓	NM ✓ CO UT TX
Project Name: Frac 4-1	Address: Same			
Project Manager: Mitch Killough	City, State, Zip: "			
Address:	Phone: Client			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: MKillough@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1448	9/15/25	Soil	4 oz one	SW07 @ 0-4'		21	X	X	X		X							4.6	
1450	"	"	"	SW08 @ 0-4'		22	"	"	"		"							4.8	

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: CC: HPeck@ensolum.com, mpollock@ensolum.com, Shyde@ensolum.com, wweichert@ensolum.com

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

Sampled by: Harper Peck Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	9/15/25	1613	Cuth Mon	9.15.25	1015
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Envirotech Analytical Laboratory

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

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:	09/15/25 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 the sample ID match the COC?	Yes	
2. Does the number of samples per sampling site location match the COC	Yes	
3. Were samples dropped off by client or carrier?	Yes	Carrier: Harper Peck
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company:	Lab WO# E509159	Job Number 17051.0002	1D 2D 3D Std: Std ☒
Project Name: FRPC 4-1	Address: SAME AS			NM ☒ CO UT TX
Project Manager: Mitch Killough	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method / **EPA Program**

EPA Program: SDWA | CWA | RCRA

Compliance: Y or N

PWSID #:

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Remarks
1451	9/15/25	Soil	4oz. one	FS01 @ 6'		1	X	X	X		X				5.2 o Client
1452				FS02 @ 4'		2									5.4 added to
1453				FS03 @ 8'		3									5.0 rerun for
1454				FS04 @ 6'		4									5.0 CL. on Samples
1504				FS05 @ 6'		5									4.9 9,16,19.
1505				FS06 @ 8'		6									5.2 9/23/25 CM
1507				FS07 @ 6'		7									4.6 RUSH TAT
1508				FS08 @ 8'		8									4.8 Client req
1511				FS09 @ 8'		9					X-CM				5.0 CL rerun
1512				FS10 @ 4'		10									5.4 on Sample 11e.

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

9/23/25 CM

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

Sampled by: Harper Peck + Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	9/15/25	1613	Cauth Mon	9.15.25	1615
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 _____ T2 _____ T3 _____

AVG Temp °C _____

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

envirotech

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E509159	Job Number 1D 2D 3D Std: nDSI·0002	NM CO UT TX: X
Project Name: ERPC 4-1	Address:			
Project Manager: Mitch Killough	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
1514	9/15/25	soil	402, one	FS11 @ 6'		11	X	X	X		X						4.9	Client
1516				FS12 @ 4'		12											4.9	asked to
1517				FS13 @ 6'		13											4.5	rerun CL
1519				FS14 @ 4'		14											5.0	on samples
1436				SW01 @ 0-4'		15											5.2	9/16, +19
1438				SW02 @ 0-4'		16					X-CM			9/25/25			5.5	Rush TAT
1440				SW03 @ 0-6'		17											5.4	9/23/25
1442				SW04 @ 0-4'		18											4.8	CM
1444				SW05 @ 0-6'		19					X-CM						4.9	Client req
1446				SW06 @ 0-6'		20											4.8	CL rerun on sample 16 9/25/25 CM

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance: Y or N

PWSID #:

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

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

Sampled by: Harper Peck & Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	9/15/25	1613	Caitlin Man	9.15.25	1615

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Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company:	Lab WO# E509159	1D 2D 3D Std	NM CO UT TX
Project Name: Fcar 4-1	Address: Same	Job Number 17051-0002		X
Project Manager: Mitch Killough	City, State, Zip: as			
Address:	Phone: Client			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: MKillough@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
1448	9/15/25	Soil	4 oz one	SW07 @ 0-4'		21	X	X	X		X						4.6	Client
1450	〃	〃	〃	SW08 @ 0-4'		22	〃	〃	〃		〃						4.8	Asked to
																		rerun on
																		rush tat
																		on 9/16/25
																		9/23/25
																		CM
																		Client req
																		rerun on
																		Sample 16

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Additional Instructions: CC: HPeck@ensdum.com, mpollock@ensdum.com, Shyde@ensdum.com, wweichert@ensdum.com

9/25/25 CM

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Sampled by: Harper Peck Michael Pollock

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	9/15/25	1613	Cuth Mar	9.15.25	1015

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

Lab Use Only

Received on ice: (Y) N

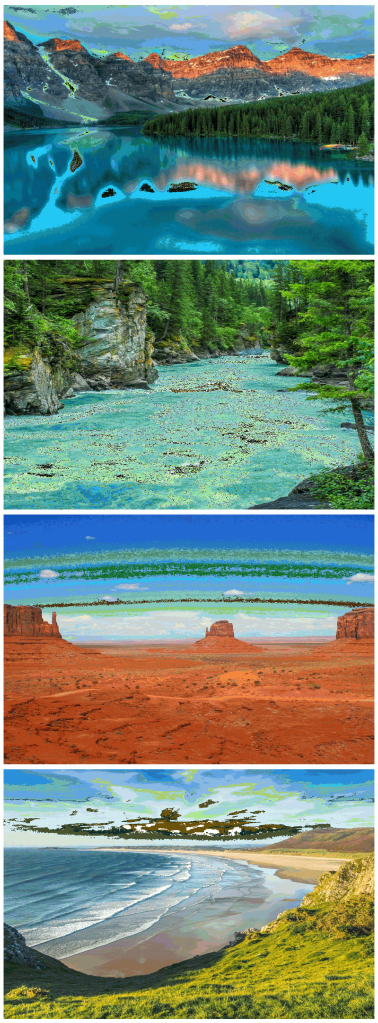
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Report to:

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:	E509298
Job Number:	17051-0002
Received:	9/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/2/25

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,

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	FRPC 4-1	**Reported:**
PO Box 61529	Project Number:	17051-0002	
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.

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

FS14A

E509298-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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		*92.6 %*	*70-130*	*09/26/25*	*09/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	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		*85.7 %*	*70-130*	*09/26/25*	*09/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		*95.9 %*	*61-141*	*09/29/25*	*09/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**77.8**	20.0	1	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

SW09

E509298-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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	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	Analyst: DT			Batch: 2540013
Chloride	**299**	20.0	1	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

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: 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	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		*87.1 %*	*70-130*	*09/26/25*	*09/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	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		*99.5 %*	*61-141*	*09/29/25*	*09/29/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2540013
Chloride	**306**	20.0	1	09/29/25	09/30/25	

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

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539170-BLK1)									Prepared: 09/26/25 Analyzed: 09/27/25
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	*8.83*		*8.00*		*110*	*70-130*			
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*			
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: 09/26/25 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

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2539170-BLK1)									Prepared: 09/26/25 Analyzed: 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: 09/26/25 Analyzed: 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: 09/26/25 Analyzed: 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: 09/26/25 Analyzed: 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

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2540004-BLK1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.8*		*50.0*		*95.7*	*61-141*			
LCS (2540004-BS1)									Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	245	25.0	250		97.8	66-144			
Surrogate: n-Nonane	*45.2*		*50.0*		*90.3*	*61-141*			
Matrix Spike (2540004-MS1)				**Source: E509302-01**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	268	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	*44.7*		*50.0*		*89.5*	*61-141*			
Matrix Spike Dup (2540004-MSD1)				**Source: E509302-01**					Prepared: 09/29/25 Analyzed: 09/29/25
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	2.06	20	
Surrogate: n-Nonane	*47.8*		*50.0*		*95.6*	*61-141*			

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

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2540013-BLK1)									Prepared: 09/29/25 Analyzed: 09/29/25
Chloride	ND	20.0							
LCS (2540013-BS1)									Prepared: 09/29/25 Analyzed: 09/29/25
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2540013-MS1)				**Source: E509292-03**					Prepared: 09/29/25 Analyzed: 09/29/25
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2540013-MSD1)				**Source: E509292-03**					Prepared: 09/29/25 Analyzed: 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.

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E509298	1D 2D 3D Std	NM CO UT TX
Project Name: FRPC 4-1	Address: CLIENT	Job Number 17051-0002		NM
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method / **EPA Program**

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
0849	9/26/25	soil	one 2 oz	FS14A		1	X	X	X		X							4.7°	
0854	9/26/25	soil	one 2 oz	SW09		2	X	X	X		X							4.8°	
0859	9/26/25	soil	one 2 oz	SW10		3	X	X	X		X							5.1°	
0830	9/26/25	soil	one 2 oz	SW11		4	X	X	X		X							5.5°	PLACE ON HOLD

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

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

Sampled by: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9/26/25	1147		9-26-25	1147

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

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

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

Envirotech Analytical Laboratory

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

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 11:47	Work Order ID:	E509298
Phone:	-	Date Logged In:	09/26/25 12:29	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	10/03/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Comments/Resolution

Client Remark- Sample #4 Place on hold.

Client Instruction

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

Date

envirotech Inc.

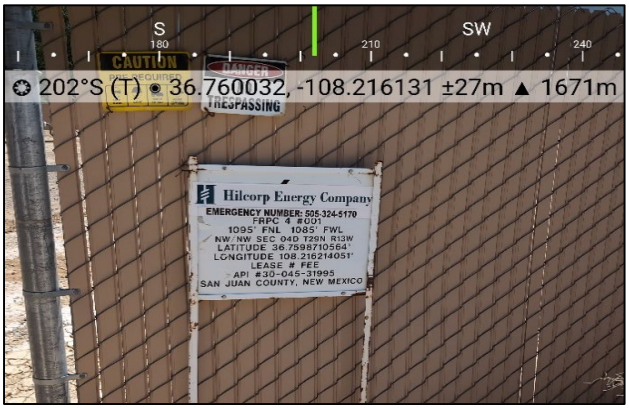
ENSOLUM

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
Description: Staining from wellhead source.
View: Northwest

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 Date: 8/26/2025
Description: Initial excavation extent.
View: North / Northeast

Photograph: 7 Date: 8/26/2025
Description: Evidence of liner at four feet bgs.
View: North

Photograph: 8 Date: 8/26/2025
Description: PH01, advanced within initial excavation extent.

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.

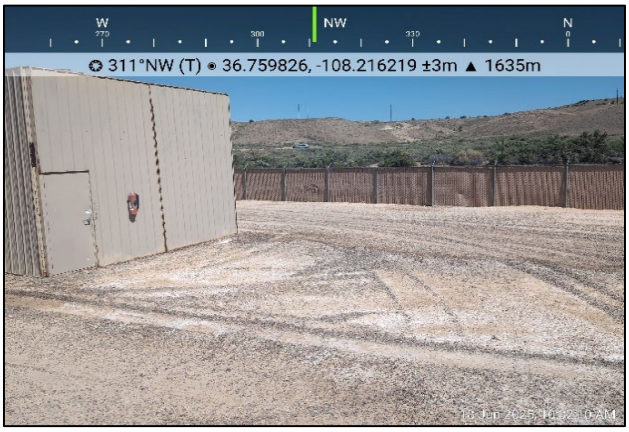
Photograph: 10 Date: 9/26/2025
Description: Final excavation extent.
View: East

Photograph: 11 Date: 9/26/2025
Description: Final excavation extent.
View: West

Photograph: 12 Date: 9/26/2025
Description: Final excavation extent.
View: South

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

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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

Action 526638

QUESTIONS

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

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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QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/14/2025

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QUESTIONS (continued)

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	Action Number: 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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 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 milligrams 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 efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	06/18/2025
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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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fSC00000000048 ENVIROTECH
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 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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QUESTIONS (continued)

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	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 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
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
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 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.	
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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 remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	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.

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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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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
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	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