ENSOLUM

November 25, 2025

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

Re: Remediation Report and Closure Request
Canyon Largo Unit Com #472
Rio Arriba County, New Mexico
Hilcorp Energy Company
NMOCD Incident Number: nAPP2514946582

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* associated with a condensate release at Canyon Largo Unit Com #472 natural gas production well (Site). The Site is located on federal land managed by the Bureau of Land Management (BLM) in Unit A, Section 23, Township 25 North, Range 6 West in Rio Arriba County, New Mexico (Figure 1).

SITE BACKGROUND

On May 27, 2025, Hilcorp personnel discovered a release of 42 barrels (bbls) of condensate at the Site. Specifically, the field operator turned the well on after an extended pressure buildup over the prior weekend. The following week, the operator discovered the well had unloaded an abnormal volume of fluid that had overtopped the condensate tank, resulting in the release. The release also migrated as sheet flow into the below-grade tank (BGT) cribbing but was ultimately contained within the secondary containment berm. A total of 20 bbls of condensate were recovered from within the BGT cribbing resulting in 22 bbls of condensate unrecovered.

Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on May 29, 2025. The NMOCD has assigned the Site Incident Number nAPP2514946582. Details regarding previous sampling/delineation efforts and presentation of the Site characterization information are summarized in the August 2025 *Remediation Work Plan* prepared by Ensolum.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As presented in the August 20, 2025, *Remediation Work Plan*, the following Closure Criteria for constituents of concern (COCs) have been applied to the Site:

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

- GRO+DRO: 1,000 mg/kg
- Chloride: 10,000 mg/kg

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Delineation sample results previously obtained at the Site are presented on Table 1 and Figure 2. Because of the areal extent of impacts, volume of impacted soil, and remote location of the Site, soil shredding was chosen as the remediation technique to address impacted soil at the Site. Soil shredding is an ex-situ and on-Site treatment of impacted soil through which impacted material is chemically treated using a chemical oxidant (generally hydrogen peroxide) applied to the soil. Impacted material is excavated from the ground using standard construction techniques and placed onto a soil screening unit using a special shredding bucket. The impacted soil is conveyed by the screening unit and chemical treatment is applied simultaneously. The treated soil is then placed into stockpiles not exceeding 100 cubic yard each and allowed to process for 24 to 48 hours in order for the oxidant to degrade the petroleum hydrocarbon contaminants in the soil.

Based on delineation activities previously performed at the Site, impacted soil was excavated and treated as stated above and was stockpiled in the areas on the well pad. As soil was removed, the excavation sidewalls and floors were field screened using a photoionization detector (PID). Once field screening indicated impacted soil had been removed, 5-point composite samples were collected from the sidewalls and floor 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 a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. The composite samples were collected into laboratory-provided jars and immediately placed on ice. Samples were submitted to Envirotech analytical laboratory for analysis of BTEX by United States Environmental Protection Agency (USEPA) method 8021 and TPH by USEPA method 8015D. Notifications were provided to the NMOCD prior to sampling activities and are attached as Appendix A.

Analytical results from the excavation indicated concentrations of TPH and BTEX were compliant with NMOCD Table I Closure Criteria in all confirmation soil samples with the exception of floor samples FS01, FS02, FS03, and FS04 and sidewall samples SW04 and SW05. Because of this, additional soil was removed from these areas and the floors and sidewall were resampled on October 1, 2025, 2025. Analytical results from the October 1, 2025, sampling event indicated impacted soil was successfully removed, and all floor and sidewalls were in compliance with the applicable Closure Criteria. Excavation sample locations are indicated on Figure 3. In total, approximately 380 cubic yards of impacted soil was removed from the excavation and treated. Confirmation soil sample results are summarized in Table 2, with complete laboratory analytical reports attached as Appendix B. Photographs taken by Ensolum during the excavation work are included in Appendix C.

SOIL SHREDDING STOCKPILE AND VADOSE ZONE SOIL SAMPLING ACTIVITIES

Once treated (as described above), 5-point composite samples were collected for analysis from each stockpile (SP01 through SP06). The 5-point composite samples were collected in the manner described above and submitted to Eurofins for TPH and BTEX analysis. Based on analytical results, stockpile samples SP02, SP03, and SP04 had elevated concentrations of TPH GRO+DRO from samples collected on September 30, 2025. Stockpiles SP02, SP03, and SP04 were allowed additional time to process and re-sampled on October 2, 2025. All final treated stockpile samples were in compliance with the applicable NMOCD Table I Closure Criteria. Stockpile soil sample results are summarized in Table 2, with complete laboratory analytical reports also included in Appendix B.

Once the treated stockpile soil was removed from the ground surface and placed back into the excavation as backfill, vadose zone soil from below the treatment areas were sampled to assess if petroleum hydrocarbon constituents had leached into the subsurface during the treatment process. Five-

point composite soil samples were collected at a frequency of one sample per 1,500 square feet from beneath the treatment stockpile areas, as approved by the NMOCD. The composite samples were collected on October 9, 2025 from the ground surface to a depth of 0.5 feet below ground surface (bgs), with locations shown on Figure 3. Composite samples VZ01 and VZ02 were collected using the manner described above and submitted for TPH, BTEX, and chloride analysis. Analytical results from vadose zone sample VZ01 indicated concentrations of TPH, BTEX, and chloride were compliant with the NMOCD reclamation requirement (100 mg/kg of TPH and 600 mg/kg of chloride). However, sample VZ02 contained TPH at concentrations exceeding the reclamation requirement.

To address the TPH concentrations in VZ02, Hilcorp removed approximately 6 inches of soil from this area and transported the soil off-Site for disposal at the Envirotech landfarm in San Juan County, New Mexico. Once soil was removed, Ensolum resampled the area on November 14, 2025 (sample VZ02a). The sample was collected in the manner described above and submitted Envirotech for TPH, BTEX, and chloride analysis. Analytical results indicate that sample VZ02a was compliant with the NMOCD reclamation requirement. Treatment area soil sample results are summarized in Table 3, with complete laboratory analytical reports attached in Appendix B.

CONCLUSIONS AND CLOSURE REQUEST

Corrective actions and soil sampling activities were conducted at the Site to address the release discovered on May 27, 2025. Laboratory analytical results from confirmation soil samples, collected from the final extents of the excavation, indicated all COC concentrations were compliant with the Site Closure Criteria and no further remediation is required. Additionally, all soil samples collected from the treated stockpiles and the vadose zone below the treatment stockpiles were also compliant with the applicable Site Closure Criteria and/or reclamation requirement. The corrective action initiated by Hilcorp has mitigated impacts at this Site and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully request closure for Incident Number nAPP2514946582

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

Sincerely,
Ensolum, LLC

Wes Weichert
Project Geologist
(816) 266-8732
wweichert@ensolum.com

Stuart Hyde
Senior Managing Geologist
(970) 903-1607
shyde@ensolum.com

Attachments:

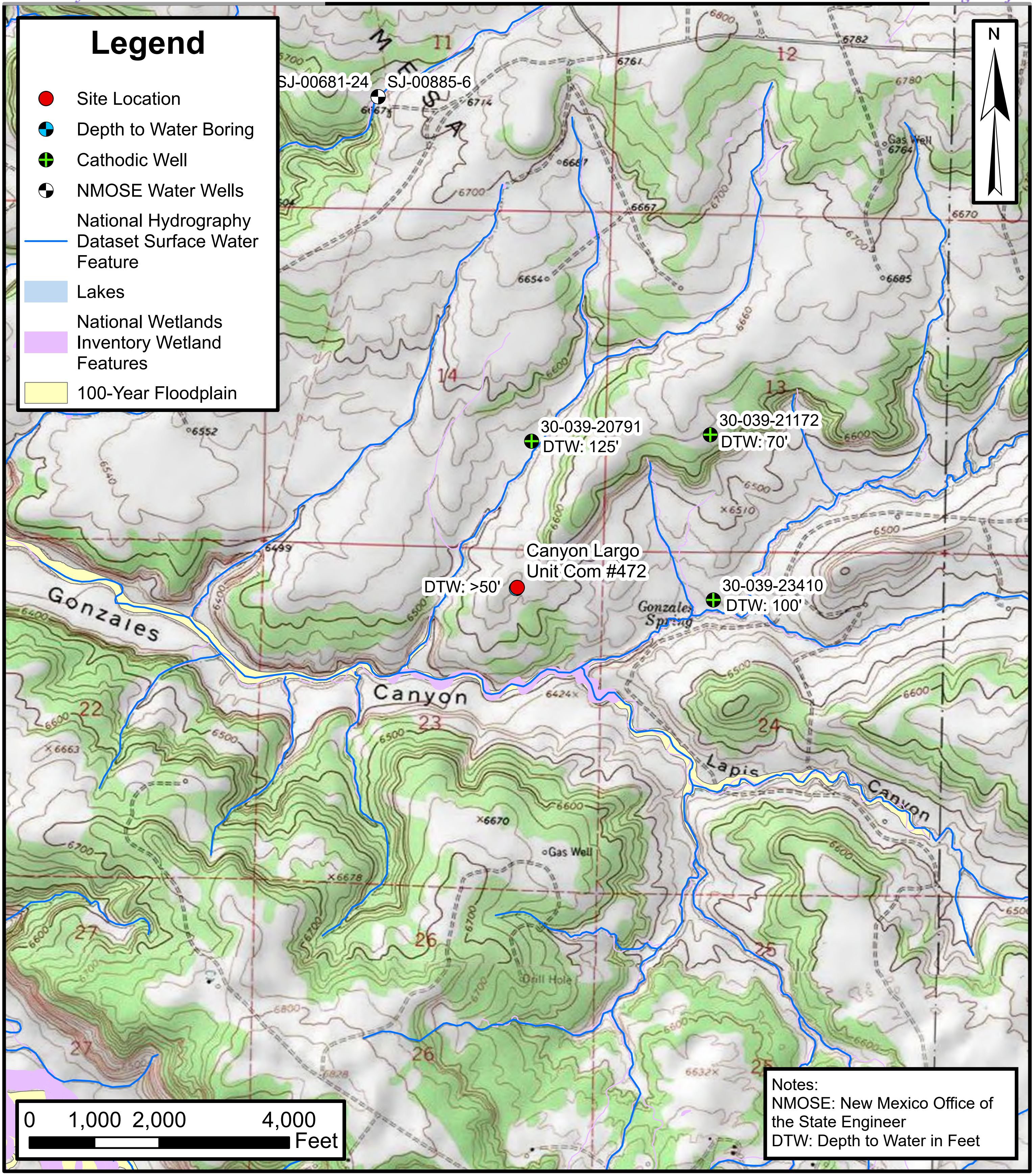
Figure 1: Site Location Map
Figure 2: Delineation Soil Samples
Figure 3: Confirmation Soil Samples

Table 1: Delineation Soil Sample Analytical Results
Table 2: Confirmation Soil Sample Analytical Results
Table 3: Treatment Area Vadose Zone Soil Sample Analytical Results

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

ENSOLUM

FIGURES



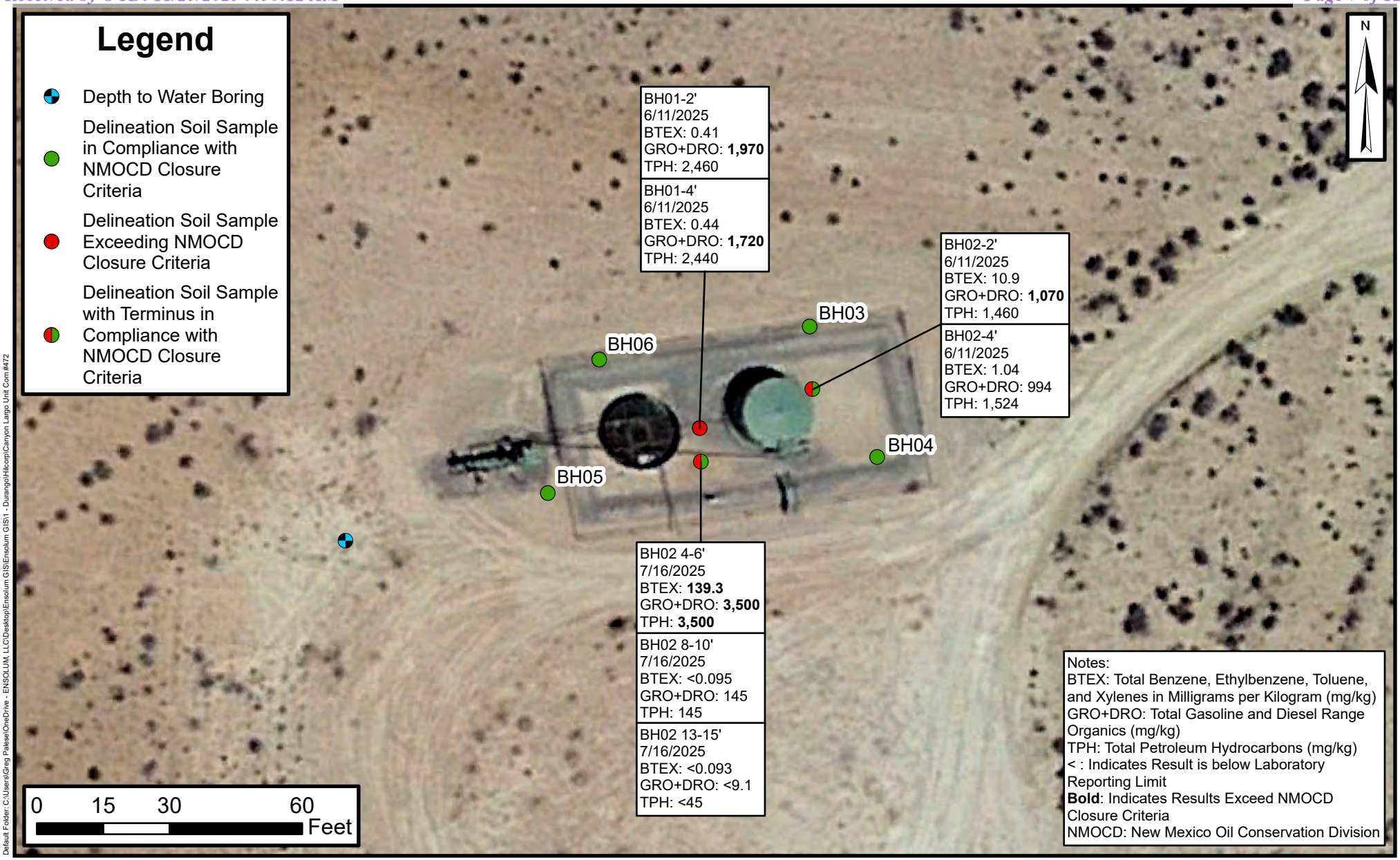
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

Canyon Largo Unit Com #472
Hilcorp Energy Company
36.390957, -107.432089
Rio Arriba County, New Mexico

FIGURE
1

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



Default Folder: C:\Users\Greg Pelesel\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\Canyon Largo Unit Com #472

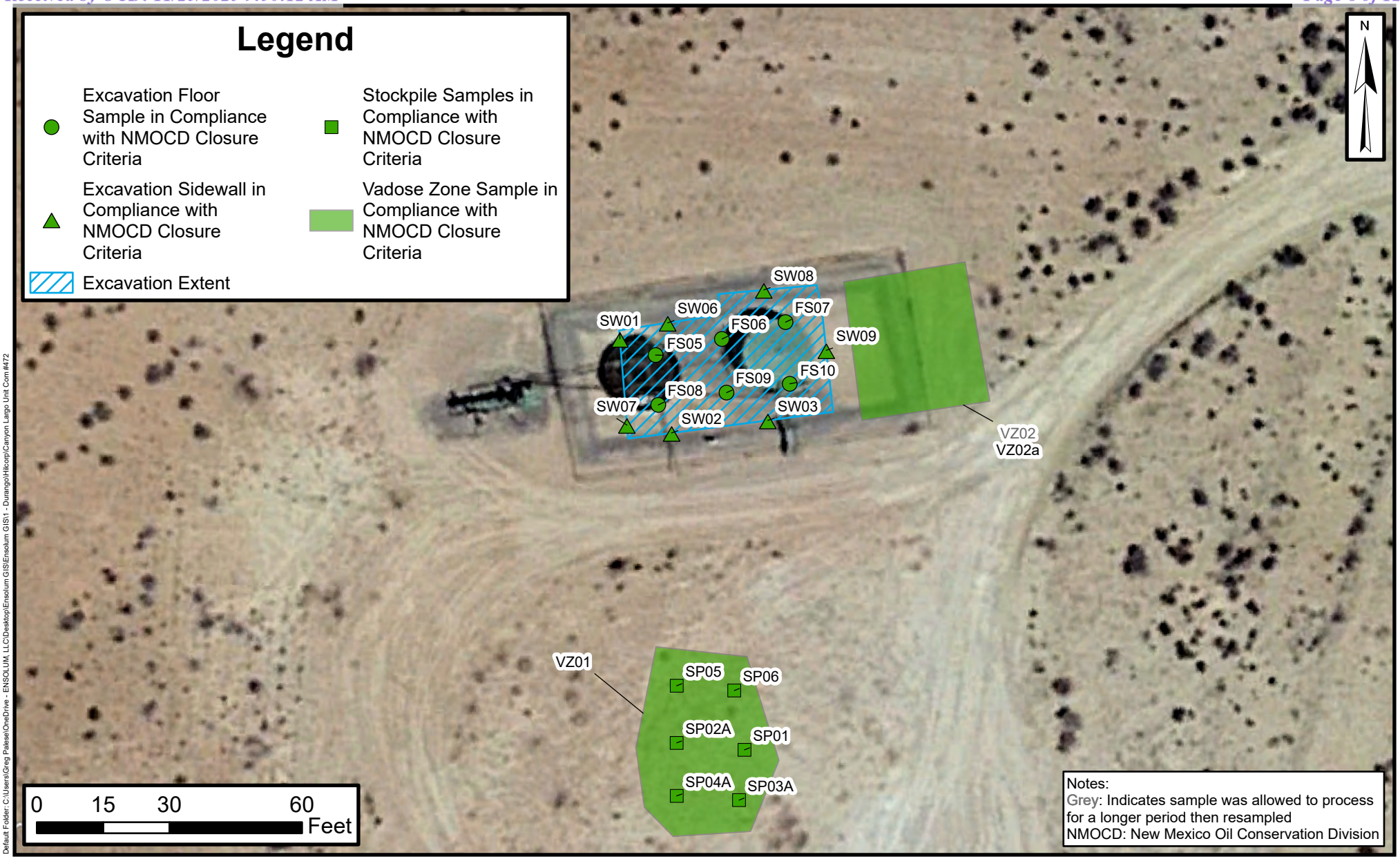
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Samples

Canyon Largo Unit Com #472
Hilcorp Energy Company
36.390957, -107.432089
Rio Arriba County, New Mexico

FIGURE
2

Sources: Google Earth (2022)



Default Folder: C:\Users\Greg Pelesel\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS1 - Durango\Hilcorp\Canyon Largo Unit Com #472

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Confirmation Soil Samples

Canyon Largo Unit Com #472
Hilcorp Energy Company
36.390957, -107.432089
Rio Arriba County, New Mexico

FIGURE
3

Sources: Google Earth (2022)

ENSOLUM

TABLES

ENSOLUM

TABLE 1
DELINEATION SOIL SAMPLE ANALYTICAL RESULTS
Canyon Largo Unit Com #472
Hilcorp Energy Company
Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**1,000**	**2,500**	**10,000**
BH01-2'	6/11/2025	2	15,000	<0.025	<0.050	0.15	0.26	0.41	70	1,900	490	**1,970**	2,460	<60
BH01-4'	6/11/2025	4	5,280	<0.024	<0.049	0.27	0.17	0.44	120	1,600	720	**1,720**	2,440	<60
BH02-2'	6/11/2025	2	4,111	<0.12	1.1	1.1	8.7	10.9	330	740	390	**1,070**	1,460	<60
BH02-4'	6/11/2025	4	3,299	<0.025	<0.049	0.19	0.85	1.04	84	910	530	994	1,524	<60
BH02 4-6	7/16/2025	4 - 6	388.0	<0.23	22	7.3	110	**139.3**	1,400	2,100	<490	**3,500**	**3,500**	110
BH02 8-10	7/16/2025	8 - 10	86.8	<0.024	<0.047	<0.047	<0.095	<0.095	4.8	140	<46	145	145	<60
BH02 13-15	7/16/2025	13 - 15	--	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.1	<45	<9.1	<45	<60
BH03-N2'	6/11/2025	2	3.3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.7	<49	<9.7	<49	<60
BH03-N4'	6/11/2025	4	1,153	<0.024	<0.049	<0.049	<0.097	<0.097	<4.9	12	<48	12	12	<59
BH04-E2'	6/11/2025	2	97.6	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<47	<9.5	<47	<60
BH04-E4'	6/11/2025	4	10.2	<0.025	<0.050	<0.050	<0.10	<0.10	<5.0	<10	<50	<10	<50	<60
BH05-S2'	6/11/2025	2	111.8	<0.025	<0.050	<0.050	<0.099	<0.099	<5.0	<9.8	<49	<9.8	<49	<60
BH05-S4'	6/11/2025	4	43.2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<48	<9.5	<48	<60
BH06-W2'	6/11/2025	2	20.8	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.3	<47	<9.3	<47	<60
BH06-W4'	6/11/2025	4	36.9	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.6	<48	<9.6	<48	<60

Notes:

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

ENSOLUM

TABLE 2
CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS
Canyon Largo Unit Com #472
Hilcorp Energy Company
Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**1,000**	**2,500**
Surface Soil Sample													
SS01	9/30/2025	0 - 0.5	10.3	<0.0250	<0.0250	<0.0250	0.0513	0.0513	<20.0	<25.0	<50.0	<25.0	<50.0
SS02	9/30/2025	0 - 0.5	6.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SS03	9/30/2025	0 - 0.5	6.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	44.6	<50.0	44.6	44.6
SS04	9/30/2025	0 - 0.5	3.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
Excavation Floor Samples													
~~FS01~~	~~9/29/2025~~	~~7~~	~~544.7~~	~~<0.0250~~	~~1.13~~	~~0.657~~	~~6.73~~	~~8.52~~	~~98.9~~	~~1,550~~	~~386~~	~~**1,649**~~	~~2,035~~
~~FS02~~	~~9/29/2025~~	~~7~~	~~363.6~~	~~<0.0250~~	~~0.176~~	~~0.181~~	~~3.99~~	~~4.35~~	~~52.3~~	~~1,790~~	~~636~~	~~**1,842**~~	~~2,478~~
~~FS03~~	~~9/29/2025~~	~~5~~	~~577.3~~	~~<0.0250~~	~~0.0906~~	~~0.191~~	~~2.38~~	~~2.66~~	~~52.2~~	~~985~~	~~309~~	~~**1,037**~~	~~1,346~~
~~FS04~~	~~9/29/2025~~	~~5~~	~~1,657.3~~	~~0.0888~~	~~3.10~~	~~2.15~~	~~22.8~~	~~28.1~~	~~286~~	~~1,960~~	~~460~~	~~**2,246**~~	~~**2,706**~~
FS05	10/1/2025	9	24.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS06	10/1/2025	7	59.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS07	10/1/2025	4	73.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS08	10/1/2025	9	56.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS09	10/1/2025	7	82.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS10	10/1/2025	4	32.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
Excavation Sidewall Samples													
SW01	9/29/2025	0 - 7	522.3	<0.0250	<0.0250	0.0304	0.365	0.395	<20.0	92.2	<50.0	92.2	92.2
SW02	9/29/2025	0 - 7	648.3	<0.0250	0.0792	0.0749	0.845	0.999	<20.0	276	87.4	276	363
SW03	9/29/2025	0 - 5	82.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	97.5	<50.0	97.5	97.5
~~SW04~~	~~9/29/2025~~	~~0 - 5~~	~~1,689.2~~	~~<0.0250~~	~~1.98~~	~~1.76~~	~~21.8~~	~~25.5~~	~~198~~	~~3,070~~	~~737~~	~~**3,268**~~	~~**4,005**~~
~~SW05~~	~~9/29/2025~~	~~0 - 5~~	~~926.4~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~0.177~~	~~0.177~~	~~<20.0~~	~~3,360~~	~~866~~	~~**3,360**~~	~~**4,226**~~
SW06	9/29/2025	0 - 7	354.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	72.0	<50.0	72.0	72.0
SW07	10/1/2025	0 - 9	26.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW08	10/1/2025	0 - 4	37.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	125	52.5	125	178
SW09	10/1/2025	0 - 4	43.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	127	54.8	127	182
Stockpile Confirmation Samples													
SP01	9/30/2025	--	473.2	<0.0250	0.0582	0.143	2.31	2.51	47.6	901	295	949	1,244
~~SP02~~	~~9/30/2025~~	~~--~~	~~538.6~~	~~<0.0250~~	~~0.0254~~	~~0.151~~	~~1.89~~	~~2.07~~	~~52.3~~	~~1,300~~	~~469~~	~~**1,352**~~	~~1,821~~
SP02A	10/2/2025	--	318.4	<0.0250	<0.0250	0.101	1.06	1.16	40.6	333	105	374	479
~~SP03~~	~~9/30/2025~~	~~--~~	~~595.7~~	~~<0.0250~~	~~0.389~~	~~0.516~~	~~8.19~~	~~9.10~~	~~100~~	~~1,410~~	~~461~~	~~**1,510**~~	~~1,971~~
SP03A	10/2/2025	--	459.3	<0.0250	0.0353	0.215	2.80	3.05	81.3	564	172	645	817
~~SP04~~	~~9/30/2025~~	~~--~~	~~627.3~~	~~<0.0250~~	~~0.108~~	~~0.250~~	~~4.09~~	~~4.45~~	~~60.9~~	~~1,610~~	~~527~~	~~**1,671**~~	~~2,198~~
SP04A	10/2/2025	--	356.7	<0.0250	0.121	0.200	2.50	2.82	59.7	370	93.3	430	523
SP05	10/2/2025	--	388.4	<0.0250	<0.0250	0.0479	0.428	0.476	20.1	126	<50.0	146	146
SP06	10/2/2025	--	420.8	<0.0250	0.0301	0.119	1.34	1.49	47.1	523	157	570	727

Notes:

bgs: Below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
mg/kg: Milligrams per kilogram
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
PID: Photoionization detector
ppm: Parts per million
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
': Feet
< : Indicates result less than the stated laboratory reporting limit (RL)
~~Grey~~ and strikethrough text represents samples that have been excavated and/or remediated

ENSOLUM

TABLE 3
TREATMENT AREA VADOSE ZONE SOIL SAMPLE ANALYTICAL RESULTS
Canyon Largo Unit Com #472
Hilcorp Energy CO
Rio Arriba County, NM

Sample Identification	Date	Depth (feet bgs)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)
NMOCD Reclamation Requirement			NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**100**
Treatment Zone Samples												
VZ01	10/9/2025	0 - 0.5	2.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	87.7	<50.0	87.7
~~VZ02~~	~~10/9/2025~~	~~0 - 0.5~~	~~17.4~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~116~~	~~56.1~~	~~**172.1**~~
VZ02a	11/14/2025	0.5 - 1.0	--	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	63.2	<50.0	<20.0

Notes:

bgs: Below ground surface
BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
mg/kg: Milligrams per kilogram
NE: Not Established
NMOCD: New Mexico Oil Conservation Division
PID: Photoionization detector
ppm: Parts per million
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
': Feet
< : Indicates result less than the stated laboratory reporting limit (RL)
~~Grey~~ and strikethrough text represents samples that have been allowed to process for a longer and resampled

ENSOLUM

APPENDIX A

Agency Correspondence

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 508932
Date: Wednesday, September 24, 2025 10:35:54 AM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514946582.

The sampling event is expected to take place:

When: 09/29/2025 @ 10:00
Where: A-26-29N-06W 790 FNL 1285 FEL (36.390957,-107.432089)

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

Additional Instructions: Hilcorp Canyon Largo Unit #472 (30-039-30001) coordinates 36.390598,-107.431711

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

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

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

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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 508934
Date: Wednesday, September 24, 2025 10:37:38 AM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514946582.

The sampling event is expected to take place:

When: 09/30/2025 @ 10:00
Where: A-26-29N-06W 790 FNL 1285 FEL (36.390957,-107.432089)

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

Additional Instructions: Hilcorp Canyon Largo Unit #472 (30-039-30001) coordinates 36.390598,-107.431711

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

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

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

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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 508936
Date: Wednesday, September 24, 2025 10:39:09 AM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514946582.

The sampling event is expected to take place:

When: 10/01/2025 @ 10:00
Where: A-26-29N-06W 790 FNL 1285 FEL (36.390957,-107.432089)

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

Additional Instructions: Hilcorp Canyon Largo Unit #472 (30-039-30001) coordinates 36.390598,-107.431711

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

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

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

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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 508937
Date: Wednesday, September 24, 2025 10:40:42 AM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514946582.

The sampling event is expected to take place:

When: 10/02/2025 @ 10:00
Where: A-26-29N-06W 790 FNL 1285 FEL (36.390957,-107.432089)

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

Additional Instructions: Hilcorp Canyon Largo Unit #472 (30-039-30001) coordinates 36.390598,-107.431711

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

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

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

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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 512208
Date: Friday, October 3, 2025 4:19:20 PM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514946582.

The sampling event is expected to take place:

When: 10/09/2025 @ 12:15
Where: A-26-29N-06W 790 FNL 1285 FEL (36.390957,-107.432089)

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

Additional Instructions: Hilcorp Canyon Largo Unit #472 (30-039-30001) coordinates 36.390598,-107.431711

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

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

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

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

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 524430
Date: Friday, November 7, 2025 11:29:49 AM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2514946582.

The sampling event is expected to take place:

When: 11/14/2025 @ 11:00
Where: A-26-29N-06W 790 FNL 1285 FEL (36.390957,-107.432089)

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

Additional Instructions: Hilcorp Canyon Largo Unit #472 (30-039-30001) coordinates 36.390598,-107.431711

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

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

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

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

ENSOLUM

APPENDIX B

Laboratory Analytical Reports

Report to:

Kate Kaufman

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Canyon Largo Unit Com #472
Work Order:	E509318
Job Number:	17051-0002
Received:	9/29/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/1/25

Date Reported: 10/1/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: Canyon Largo Unit Com #472
Workorder: E509318
Date Received: 9/29/2025 5:28:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/29/2025 5:28:00PM, under the Project Name: Canyon Largo Unit Com #472.

The analytical test results summarized in this report with the Project Name: Canyon Largo Unit Com #472 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/01/25 15:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01	E509318-01A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
FS02	E509318-02A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
FS03	E509318-03A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
FS04	E509318-04A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
SW01	E509318-05A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
SW02	E509318-06A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
SW03	E509318-07A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
SW04	E509318-08A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
SW05	E509318-09A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.
SW06	E509318-10A	Soil	09/29/25	09/29/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

FS01

E509318-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	**0.657**	0.0250	1	09/29/25	09/29/25	
Toluene	**1.13**	0.0250	1	09/29/25	09/29/25	
o-Xylene	**1.40**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**5.33**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**6.73**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*119 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	**98.9**	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**1550**	25.0	1	09/30/25	09/30/25	T9
Oil Range Organics (C28-C36)	**386**	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*137 %*	*61-141*	*09/30/25*	*09/30/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

FS02

E509318-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	**0.181**	0.0250	1	09/29/25	09/29/25	
Toluene	**0.176**	0.0250	1	09/29/25	09/29/25	
o-Xylene	**0.920**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**3.07**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**3.99**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*119 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	**52.3**	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.8 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**1790**	25.0	1	09/30/25	09/30/25	T9
Oil Range Organics (C28-C36)	**636**	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/30/25*	*09/30/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

FS03

E509318-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	**0.191**	0.0250	1	09/29/25	09/29/25	
Toluene	**0.0906**	0.0250	1	09/29/25	09/29/25	
o-Xylene	**0.630**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**1.75**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**2.38**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*123 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	**52.2**	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.7 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**985**	25.0	1	09/30/25	09/30/25	T9
Oil Range Organics (C28-C36)	**309**	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*09/30/25*	*09/30/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

FS04

E509318-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	**0.0888**	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	**2.15**	0.0250	1	09/29/25	09/29/25	
Toluene	**3.10**	0.0250	1	09/29/25	09/29/25	
o-Xylene	**4.94**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**17.9**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**22.8**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	**286**	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*120 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**1960**	25.0	1	09/30/25	09/30/25	T9
Oil Range Organics (C28-C36)	**460**	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*164 %*	*61-141*	*09/30/25*	*09/30/25*	*S5*

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

SW01

E509318-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	**0.0304**	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	**0.0944**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**0.271**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**0.365**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.3 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**92.2**	25.0	1	09/30/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*97.7 %*	*61-141*	*09/30/25*	*09/30/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

SW02

E509318-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	**0.0749**	0.0250	1	09/29/25	09/29/25	
Toluene	**0.0792**	0.0250	1	09/29/25	09/29/25	
o-Xylene	**0.209**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**0.636**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**0.845**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**276**	25.0	1	09/30/25	09/30/25	
Oil Range Organics (C28-C36)	**87.4**	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*09/30/25*	*09/30/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

SW03

E509318-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	ND	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/29/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**97.5**	25.0	1	09/30/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*09/30/25*	*09/30/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

SW04

E509318-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	**1.76**	0.0250	1	09/29/25	09/29/25	
Toluene	**1.98**	0.0250	1	09/29/25	09/29/25	
o-Xylene	**5.08**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**16.8**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**21.8**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	**198**	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*107 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**3070**	50.0	2	09/30/25	09/30/25	T9
Oil Range Organics (C28-C36)	**737**	100	2	09/30/25	09/30/25	
Surrogate: n-Nonane		*172 %*	*61-141*	*09/30/25*	*09/30/25*	*S5*

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

SW05

E509318-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	**0.0483**	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	**0.129**	0.0500	1	09/29/25	09/29/25	
Total Xylenes	**0.177**	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*112 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**3360**	50.0	2	09/30/25	09/30/25	
Oil Range Organics (C28-C36)	**866**	100	2	09/30/25	09/30/25	
Surrogate: n-Nonane		*130 %*	*61-141*	*09/30/25*	*09/30/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

SW06

E509318-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Benzene	ND	0.0250	1	09/29/25	09/29/25	
Ethylbenzene	ND	0.0250	1	09/29/25	09/29/25	
Toluene	ND	0.0250	1	09/29/25	09/29/25	
o-Xylene	ND	0.0250	1	09/29/25	09/29/25	
p,m-Xylene	ND	0.0500	1	09/29/25	09/29/25	
Total Xylenes	ND	0.0250	1	09/29/25	09/29/25	
Surrogate: 4-Bromochlorobenzene-PID		*113 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/29/25	09/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.8 %*	*70-130*	*09/29/25*	*09/29/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540036
Diesel Range Organics (C10-C28)	**72.0**	25.0	1	09/30/25	09/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/30/25	09/30/25	
Surrogate: n-Nonane		*98.4 %*	*61-141*	*09/30/25*	*09/30/25*	

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

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 (2540033-BLK1)									Prepared: 09/29/25 Analyzed: 09/30/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*9.16*		*8.00*		*115*	*70-130*			
LCS (2540033-BS1)									Prepared: 09/29/25 Analyzed: 09/30/25
Benzene	4.28	0.0250	5.00		85.5	70-130			
Ethylbenzene	4.39	0.0250	5.00		87.8	70-130			
Toluene	4.33	0.0250	5.00		86.6	70-130			
o-Xylene	4.47	0.0250	5.00		89.4	70-130			
p,m-Xylene	8.92	0.0500	10.0		89.2	70-130			
Total Xylenes	13.4	0.0250	15.0		89.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.08*		*8.00*		*113*	*70-130*			
Matrix Spike (2540033-MS1)				**Source: E509318-01**					Prepared: 09/29/25 Analyzed: 09/30/25
Benzene	4.76	0.0250	5.00	ND	95.1	70-130			
Ethylbenzene	5.53	0.0250	5.00	0.657	97.4	70-130			
Toluene	5.89	0.0250	5.00	1.13	95.2	70-130			
o-Xylene	6.71	0.0250	5.00	1.40	106	70-130			
p,m-Xylene	14.8	0.0500	10.0	5.33	94.6	70-130			
Total Xylenes	21.5	0.0250	15.0	6.73	98.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.38*		*8.00*		*117*	*70-130*			
Matrix Spike Dup (2540033-MSD1)				**Source: E509318-01**					Prepared: 09/29/25 Analyzed: 09/30/25
Benzene	4.31	0.0250	5.00	ND	86.2	70-130	9.80	27	
Ethylbenzene	5.14	0.0250	5.00	0.657	89.6	70-130	7.27	26	
Toluene	5.52	0.0250	5.00	1.13	87.7	70-130	6.58	20	
o-Xylene	6.40	0.0250	5.00	1.40	100	70-130	4.65	25	
p,m-Xylene	14.3	0.0500	10.0	5.33	89.7	70-130	3.41	23	
Total Xylenes	20.7	0.0250	15.0	6.73	93.1	70-130	3.80	26	
Surrogate: 4-Bromochlorobenzene-PID	*9.49*		*8.00*		*119*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

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 (2540033-BLK1)									Prepared: 09/29/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.18*		*8.00*		*89.7*	*70-130*			
LCS (2540033-BS2)									Prepared: 09/29/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.21*		*8.00*		*90.1*	*70-130*			
Matrix Spike (2540033-MS2)				**Source: E509318-01**					Prepared: 09/29/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	178	20.0	50.0	98.9	158	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.42*		*8.00*		*105*	*70-130*			
Matrix Spike Dup (2540033-MSD2)				**Source: E509318-01**					Prepared: 09/29/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	175	20.0	50.0	98.9	153	70-130	1.50	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.42*		*8.00*		*105*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/1/2025 3:07:04PM

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 (2540036-BLK1)									Prepared: 09/30/25 Analyzed: 09/30/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*61-141*			
LCS (2540036-BS1)									Prepared: 09/30/25 Analyzed: 09/30/25
Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	*46.7*		*50.0*		*93.5*	*61-141*			
Matrix Spike (2540036-MS1)				**Source: E509318-03**					Prepared: 09/30/25 Analyzed: 09/30/25
Diesel Range Organics (C10-C28)	1370	25.0	250	985	152	56-156			
Surrogate: n-Nonane	*53.9*		*50.0*		*108*	*61-141*			
Matrix Spike Dup (2540036-MSD1)				**Source: E509318-03**					Prepared: 09/30/25 Analyzed: 09/30/25
Diesel Range Organics (C10-C28)	1130	25.0	250	985	56.6	56-156	19.1	20	
Surrogate: n-Nonane	*51.6*		*50.0*		*103*	*61-141*			

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:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/01/25 15:07

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
S5	Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
T9	DRO includes undifferentiated early eluting analytes characteristic of GRO.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E509318	1D 2D 3D Std	NM CO UT TX
Project Name: Canyon Largo Unit com #472	Address:	Job Number 17051.0002	X	
Project Manager: Kate Kaufman	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@hilcorp.com				

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
1405	9/29	Soil	1	FS01		1	✓	✓	✓									4.6	
1417				FS02		2												4.4	
1421				FS03		3												4.4	
1427				FS04		4												5.0	
1433				mp FS0 SW01		5												5.2	
1437				SW02		6												4.8	
1450				SW03		7												4.4	
1456				SW04		8												4.5	
1504				SW05		9												4.6	
1514				SW06		10												4.2	

Additional Instructions: CC: MPollock@ensolum.com, SHyde@ensolum.com, ZMyers@ensolum.com, wweichest@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: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9/29	1728		9.29.25	1728
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: 9/29/2025 5:29:57PM

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:	09/29/25 17:28	Work Order ID:	E509318
Phone:	-	Date Logged In:	09/29/25 17:26	Logged In By:	Caitlin Mars
Email:		Due Date:	09/30/25 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	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

Client Instruction

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

Date

envirotech Inc.

Report to:

Kate Kaufman

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Canyon Largo Unit Com #472
Work Order:	E509344
Job Number:	17051-0002
Received:	9/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/2/25

Date Reported: 10/2/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: Canyon Largo Unit Com #472
Workorder: E509344
Date Received: 9/30/2025 4:02:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2025 4:02:00PM, under the Project Name: Canyon Largo Unit Com #472.

The analytical test results summarized in this report with the Project Name: Canyon Largo Unit Com #472 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/02/25 13:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP01	E509344-01A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.
SP02	E509344-02A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.
SP03	E509344-03A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.
SP04	E509344-04A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.
SS01	E509344-05A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.
SS02	E509344-06A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.
SS03	E509344-07A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.
SS04	E509344-08A	Soil	09/30/25	09/30/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SP01

E509344-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	**0.143**	0.0250	1	09/30/25	09/30/25	
Toluene	**0.0582**	0.0250	1	09/30/25	09/30/25	
o-Xylene	**0.649**	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	**1.66**	0.0500	1	09/30/25	09/30/25	
Total Xylenes	**2.31**	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*122 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	**47.6**	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*97.7 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	**901**	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	**295**	50.0	1	10/01/25	10/01/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*10/01/25*	*10/01/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SP02

E509344-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	**0.151**	0.0250	1	09/30/25	09/30/25	
Toluene	**0.0254**	0.0250	1	09/30/25	09/30/25	
o-Xylene	**0.529**	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	**1.36**	0.0500	1	09/30/25	09/30/25	
Total Xylenes	**1.89**	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*121 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	**52.3**	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.1 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	**1300**	50.0	2	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	**469**	100	2	10/01/25	10/01/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*10/01/25*	*10/01/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SP03

E509344-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	**0.516**	0.0250	1	09/30/25	09/30/25	
Toluene	**0.389**	0.0250	1	09/30/25	09/30/25	
o-Xylene	**1.99**	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	**6.20**	0.0500	1	09/30/25	09/30/25	
Total Xylenes	**8.19**	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	**100**	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	**1410**	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	**461**	50.0	1	10/01/25	10/01/25	
Surrogate: n-Nonane		*123 %*	*61-141*	*10/01/25*	*10/01/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SP04

E509344-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	**0.250**	0.0250	1	09/30/25	09/30/25	
Toluene	**0.108**	0.0250	1	09/30/25	09/30/25	
o-Xylene	**1.06**	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	**3.04**	0.0500	1	09/30/25	09/30/25	
Total Xylenes	**4.09**	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*122 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	**60.9**	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.8 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	**1610**	50.0	2	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	**527**	100	2	10/01/25	10/01/25	
Surrogate: n-Nonane		*119 %*	*61-141*	*10/01/25*	*10/01/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SS01

E509344-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/30/25	09/30/25	
Toluene	ND	0.0250	1	09/30/25	09/30/25	
o-Xylene	ND	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	**0.0513**	0.0500	1	09/30/25	09/30/25	
Total Xylenes	**0.0513**	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*115 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*10/01/25*	*10/01/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SS02

E509344-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/30/25	09/30/25	
Toluene	ND	0.0250	1	09/30/25	09/30/25	
o-Xylene	ND	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	ND	0.0500	1	09/30/25	09/30/25	
Total Xylenes	ND	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*10/01/25*	*10/01/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SS03

E509344-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/30/25	09/30/25	
Toluene	ND	0.0250	1	09/30/25	09/30/25	
o-Xylene	ND	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	ND	0.0500	1	09/30/25	09/30/25	
Total Xylenes	ND	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*114 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	**44.6**	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
Surrogate: n-Nonane		*99.7 %*	*61-141*	*10/01/25*	*10/01/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

SS04

E509344-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Benzene	ND	0.0250	1	09/30/25	09/30/25	
Ethylbenzene	ND	0.0250	1	09/30/25	09/30/25	
Toluene	ND	0.0250	1	09/30/25	09/30/25	
o-Xylene	ND	0.0250	1	09/30/25	09/30/25	
p,m-Xylene	ND	0.0500	1	09/30/25	09/30/25	
Total Xylenes	ND	0.0250	1	09/30/25	09/30/25	
Surrogate: 4-Bromochlorobenzene-PID		*116 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2540052
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/30/25	09/30/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.7 %*	*70-130*	*09/30/25*	*09/30/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2540054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/01/25	10/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/01/25	10/01/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*10/01/25*	*10/01/25*	

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

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 (2540052-BLK1)									Prepared: 09/30/25 Analyzed: 09/30/25
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	*8.66*		*8.00*		*108*	*70-130*			
LCS (2540052-BS1)									Prepared: 09/30/25 Analyzed: 09/30/25
Benzene	4.93	0.0250	5.00		98.6	70-130			
Ethylbenzene	4.96	0.0250	5.00		99.1	70-130			
Toluene	4.91	0.0250	5.00		98.3	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.1	0.0250	15.0		100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.89*		*8.00*		*111*	*70-130*			
Matrix Spike (2540052-MS1)				**Source: E509344-04**					Prepared: 09/30/25 Analyzed: 09/30/25
Benzene	4.99	0.0250	5.00	ND	99.9	70-130			
Ethylbenzene	5.31	0.0250	5.00	0.250	101	70-130			
Toluene	5.12	0.0250	5.00	0.108	100	70-130			
o-Xylene	6.60	0.0250	5.00	1.06	111	70-130			
p,m-Xylene	13.5	0.0500	10.0	3.04	105	70-130			
Total Xylenes	20.1	0.0250	15.0	4.09	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.61*		*8.00*		*120*	*70-130*			
Matrix Spike Dup (2540052-MSD1)				**Source: E509344-04**					Prepared: 09/30/25 Analyzed: 09/30/25
Benzene	4.77	0.0250	5.00	ND	95.5	70-130	4.50	27	
Ethylbenzene	5.13	0.0250	5.00	0.250	97.5	70-130	3.60	26	
Toluene	4.91	0.0250	5.00	0.108	96.1	70-130	4.18	20	
o-Xylene	6.45	0.0250	5.00	1.06	108	70-130	2.37	25	
p,m-Xylene	13.2	0.0500	10.0	3.04	102	70-130	2.24	23	
Total Xylenes	19.7	0.0250	15.0	4.09	104	70-130	2.28	26	
Surrogate: 4-Bromochlorobenzene-PID	*9.68*		*8.00*		*121*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

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 (2540052-BLK1)									Prepared: 09/30/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.06*		*8.00*		*88.2*	*70-130*			
LCS (2540052-BS2)									Prepared: 09/30/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2540052-MS2)				**Source: E509344-04**					Prepared: 09/30/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	130	20.0	50.0	60.9	137	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.22*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2540052-MSD2)				**Source: E509344-04**					Prepared: 09/30/25 Analyzed: 09/30/25
Gasoline Range Organics (C6-C10)	124	20.0	50.0	60.9	127	70-130	4.09	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.20*		*8.00*		*102*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/2/2025 1:29:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2540054-BLK1)									Prepared: 10/01/25 Analyzed: 10/02/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.7*		*50.0*		*101*	*61-141*			
LCS (2540054-BS1)									Prepared: 10/01/25 Analyzed: 10/02/25
Diesel Range Organics (C10-C28)	267	25.0	250		107	66-144			
Surrogate: n-Nonane	*50.5*		*50.0*		*101*	*61-141*			
Matrix Spike (2540054-MS1)				**Source: E509344-04**					Prepared: 10/01/25 Analyzed: 10/02/25
Diesel Range Organics (C10-C28)	2560	50.0	250	1610	381	56-156			M4
Surrogate: n-Nonane	*63.2*		*50.0*		*126*	*61-141*			
Matrix Spike Dup (2540054-MSD1)				**Source: E509344-04**					Prepared: 10/01/25 Analyzed: 10/02/25
Diesel Range Organics (C10-C28)	2480	50.0	250	1610	347	56-156	3.43	20	M4
Surrogate: n-Nonane	*62.8*		*50.0*		*126*	*61-141*			

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:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/02/25 13:29

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.
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# E509344	Job Number 17051.0002	1D ✓ 2D 3D Std	NM CO UT TX
Project Name: Common Large unit can #472	Address:			
Project Manager: Kate Kaufman	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@hilcorp.com				

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
1152	9/30/25	Soil	1	SP01		1	X	X	X									5.6	
1158				SP02		2												5.4	
1205				SP03		3												5.2	
1211				SP04		4												5.2	
1222				SS01		5												4.8	
1227				SS02		6												5.4	
1231				SS03		7												5.2	
1236				SS04		8												5.0	

Additional Instructions: CC mpollock@ensolum.com SHyde@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: _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	9/30/25	1602	[signature]	9.30.25	1602
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: 9/30/2025 4:08:55PM

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:	09/30/25 16:02	Work Order ID:	E509344
Phone:	-	Date Logged In:	09/30/25 16:07	Logged In By:	Caitlin Mars
Email:		Due Date:	10/01/25 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Kate Kaufman

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Canyon Largo Unit Com #472
Work Order:	E510002
Job Number:	17051-0002
Received:	10/1/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/3/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/3/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: Canyon Largo Unit Com #472
Workorder: E510002
Date Received: 10/1/2025 2:27:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/1/2025 2:27:00PM, under the Project Name: Canyon Largo Unit Com #472.

The analytical test results summarized in this report with the Project Name: Canyon Largo Unit Com #472 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/03/25 14:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05	E510002-01A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
FS06	E510002-02A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
FS07	E510002-03A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
FS08	E510002-04A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
FS09	E510002-05A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
FS10	E510002-06A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
SW07	E510002-07A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
SW08	E510002-08A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.
SW09	E510002-09A	Soil	10/01/25	10/01/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

FS05

E510002-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.1 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*94.8 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

FS06

E510002-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*97.1 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

FS07

E510002-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.3 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*97.7 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

FS08

E510002-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.5 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.0 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*93.2 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

FS09

E510002-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.3 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.2 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*96.3 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

FS10

E510002-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.8 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*97.4 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

SW07

E510002-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.1 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.1 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*96.0 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

SW08

E510002-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*85.8 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	**125**	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	**52.5**	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*96.2 %*	*61-141*	*10/02/25*	*10/02/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

SW09

E510002-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Benzene	ND	0.0250	1	10/01/25	10/01/25	
Ethylbenzene	ND	0.0250	1	10/01/25	10/01/25	
Toluene	ND	0.0250	1	10/01/25	10/01/25	
o-Xylene	ND	0.0250	1	10/01/25	10/01/25	
p,m-Xylene	ND	0.0500	1	10/01/25	10/01/25	
Total Xylenes	ND	0.0250	1	10/01/25	10/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.8 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540062
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/01/25	10/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.5 %*	*70-130*	*10/01/25*	*10/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540088
Diesel Range Organics (C10-C28)	**127**	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	**54.8**	50.0	1	10/02/25	10/02/25	
Surrogate: n-Nonane		*94.4 %*	*61-141*	*10/02/25*	*10/02/25*	

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

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 (2540062-BLK1)									Prepared: 10/01/25 Analyzed: 10/01/25
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	*7.77*		*8.00*		*97.1*	*70-130*			
LCS (2540062-BS1)									Prepared: 10/01/25 Analyzed: 10/01/25
Benzene	4.06	0.0250	5.00		81.3	70-130			
Ethylbenzene	3.95	0.0250	5.00		79.0	70-130			
Toluene	4.01	0.0250	5.00		80.3	70-130			
o-Xylene	3.99	0.0250	5.00		79.8	70-130			
p,m-Xylene	8.02	0.0500	10.0		80.2	70-130			
Total Xylenes	12.0	0.0250	15.0		80.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.58*		*8.00*		*94.8*	*70-130*			
Matrix Spike (2540062-MS1)				**Source: E509343-42**					Prepared: 10/01/25 Analyzed: 10/01/25
Benzene	4.85	0.0250	5.00	ND	97.0	70-130			
Ethylbenzene	4.70	0.0250	5.00	ND	94.0	70-130			
Toluene	4.79	0.0250	5.00	ND	95.7	70-130			
o-Xylene	4.75	0.0250	5.00	ND	95.0	70-130			
p,m-Xylene	9.52	0.0500	10.0	ND	95.2	70-130			
Total Xylenes	14.3	0.0250	15.0	ND	95.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.67*		*8.00*		*95.9*	*70-130*			
Matrix Spike Dup (2540062-MSD1)				**Source: E509343-42**					Prepared: 10/01/25 Analyzed: 10/01/25
Benzene	4.57	0.0250	5.00	ND	91.4	70-130	6.00	27	
Ethylbenzene	4.45	0.0250	5.00	ND	89.0	70-130	5.46	26	
Toluene	4.51	0.0250	5.00	ND	90.3	70-130	5.87	20	
o-Xylene	4.48	0.0250	5.00	ND	89.6	70-130	5.84	25	
p,m-Xylene	9.01	0.0500	10.0	ND	90.1	70-130	5.52	23	
Total Xylenes	13.5	0.0250	15.0	ND	89.9	70-130	5.63	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.42*		*8.00*		*92.8*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

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 (2540062-BLK1)									Prepared: 10/01/25 Analyzed: 10/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.91*		*8.00*		*86.4*	*70-130*			
LCS (2540062-BS2)									Prepared: 10/01/25 Analyzed: 10/01/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.15*		*8.00*		*89.4*	*70-130*			
Matrix Spike (2540062-MS2)				**Source: E509343-42**					Prepared: 10/01/25 Analyzed: 10/01/25
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.98*		*8.00*		*87.3*	*70-130*			
Matrix Spike Dup (2540062-MSD2)				**Source: E509343-42**					Prepared: 10/01/25 Analyzed: 10/01/25
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	95.9	70-130	2.98	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.01*		*8.00*		*87.7*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/3/2025 2:09:51PM

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 (2540088-BLK1)									Prepared: 10/02/25 Analyzed: 10/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.8*		*50.0*		*93.6*	*61-141*			
LCS (2540088-BS1)									Prepared: 10/02/25 Analyzed: 10/02/25
Diesel Range Organics (C10-C28)	244	25.0	250		97.6	66-144			
Surrogate: n-Nonane	*47.7*		*50.0*		*95.5*	*61-141*			
Matrix Spike (2540088-MS1)				**Source: E510002-02**					Prepared: 10/02/25 Analyzed: 10/02/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	*48.3*		*50.0*		*96.6*	*61-141*			
Matrix Spike Dup (2540088-MSD1)				**Source: E510002-02**					Prepared: 10/02/25 Analyzed: 10/02/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	0.0496	20	
Surrogate: n-Nonane	*47.5*		*50.0*		*95.0*	*61-141*			

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:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/03/25 14:09

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

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: HilCorp	Company:	Lab WO# E510002	1D 2D 3D Std	NM CO UT TX
Project Name: Canyon Largo Unit Com #472	Address:	Job Number 17051.0002	X	✓
Project Manager: Kate Kaufman	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@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
1048	10/1/25	Soil	1	FS05		1	✓	✓	✓									5.4	
1056				FS06		2												5.6	
1109				FS07		3												5.0	
1115				FS08		4												4.8	
1127				FS09		5												4.6	
1132				FS10		6												5.0	
1144				SW07		7												5.2	
1153				SW08		8												4.2	
1159				SW09		9												4.4	
						10 CM													

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: cc: mpollock@ensolum.com, SHyde@ensolum.com 10.1.25

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: [signature]

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	10/1/25	1426	[signature]	10.1.25	1427
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: 10/1/2025 2:31:27PM

Sample Receipt Checklist (SRC)

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

Client:	Hilcorp Energy Co	Date Received:	10/01/25 14:27	Work Order ID:	E510002
Phone:	-	Date Logged In:	10/01/25 14:28	Logged In By:	Caitlin Mars
Email:		Due Date:	10/02/25 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

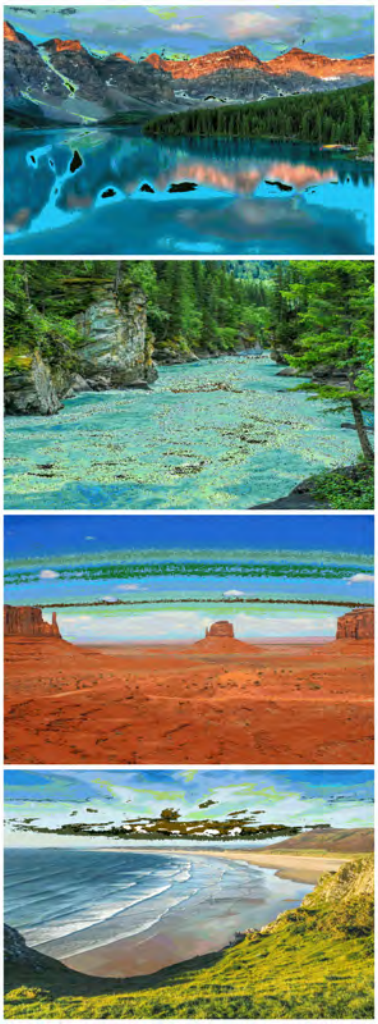
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Kate Kaufman



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Canyon Largo Unit Com #472
Work Order:	E510035
Job Number:	17051-0002
Received:	10/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/6/25

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

Date Reported: 10/6/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: Canyon Largo Unit Com #472
Workorder: E510035
Date Received: 10/2/2025 3:46:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/2/2025 3:46:00PM, under the Project Name: Canyon Largo Unit Com #472.

The analytical test results summarized in this report with the Project Name: Canyon Largo Unit Com #472 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/06/25 10:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP02A	E510035-01A	Soil	10/02/25	10/02/25	Glass Jar, 4 oz.
SP03A	E510035-02A	Soil	10/02/25	10/02/25	Glass Jar, 4 oz.
SP04A	E510035-03A	Soil	10/02/25	10/02/25	Glass Jar, 4 oz.
SP05	E510035-04A	Soil	10/02/25	10/02/25	Glass Jar, 4 oz.
SP06	E510035-05A	Soil	10/02/25	10/02/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

SP02A

E510035-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Benzene	ND	0.0250	1	10/03/25	10/03/25	
Ethylbenzene	**0.101**	0.0250	1	10/03/25	10/03/25	
Toluene	ND	0.0250	1	10/03/25	10/03/25	
o-Xylene	**0.442**	0.0250	1	10/03/25	10/03/25	
p,m-Xylene	**0.615**	0.0500	1	10/03/25	10/03/25	
Total Xylenes	**1.06**	0.0250	1	10/03/25	10/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Gasoline Range Organics (C6-C10)	**40.6**	20.0	1	10/03/25	10/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540115
Diesel Range Organics (C10-C28)	**333**	25.0	1	10/03/25	10/03/25	
Oil Range Organics (C28-C36)	**105**	50.0	1	10/03/25	10/03/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*10/03/25*	*10/03/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

SP03A

E510035-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Benzene	ND	0.0250	1	10/03/25	10/03/25	
Ethylbenzene	**0.215**	0.0250	1	10/03/25	10/03/25	
Toluene	**0.0353**	0.0250	1	10/03/25	10/03/25	
o-Xylene	**1.11**	0.0250	1	10/03/25	10/03/25	
p,m-Xylene	**1.69**	0.0500	1	10/03/25	10/03/25	
Total Xylenes	**2.80**	0.0250	1	10/03/25	10/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Gasoline Range Organics (C6-C10)	**81.3**	20.0	1	10/03/25	10/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*117 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540115
Diesel Range Organics (C10-C28)	**564**	25.0	1	10/03/25	10/03/25	
Oil Range Organics (C28-C36)	**172**	50.0	1	10/03/25	10/03/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*10/03/25*	*10/03/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

SP04A

E510035-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Benzene	ND	0.0250	1	10/03/25	10/03/25	
Ethylbenzene	**0.200**	0.0250	1	10/03/25	10/03/25	
Toluene	**0.121**	0.0250	1	10/03/25	10/03/25	
o-Xylene	**0.518**	0.0250	1	10/03/25	10/03/25	
p,m-Xylene	**1.98**	0.0500	1	10/03/25	10/03/25	
Total Xylenes	**2.50**	0.0250	1	10/03/25	10/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Gasoline Range Organics (C6-C10)	**59.7**	20.0	1	10/03/25	10/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*109 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540115
Diesel Range Organics (C10-C28)	**370**	25.0	1	10/03/25	10/03/25	
Oil Range Organics (C28-C36)	**93.3**	50.0	1	10/03/25	10/03/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*10/03/25*	*10/03/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

SP05

E510035-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Benzene	ND	0.0250	1	10/03/25	10/03/25	
Ethylbenzene	**0.0479**	0.0250	1	10/03/25	10/03/25	
Toluene	ND	0.0250	1	10/03/25	10/03/25	
o-Xylene	**0.116**	0.0250	1	10/03/25	10/03/25	
p,m-Xylene	**0.312**	0.0500	1	10/03/25	10/03/25	
Total Xylenes	**0.428**	0.0250	1	10/03/25	10/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Gasoline Range Organics (C6-C10)	**20.1**	20.0	1	10/03/25	10/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.7 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540115
Diesel Range Organics (C10-C28)	**126**	25.0	1	10/03/25	10/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/25	10/03/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*10/03/25*	*10/03/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

SP06

E510035-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Benzene	ND	0.0250	1	10/03/25	10/03/25	
Ethylbenzene	**0.119**	0.0250	1	10/03/25	10/03/25	
Toluene	**0.0301**	0.0250	1	10/03/25	10/03/25	
o-Xylene	**0.575**	0.0250	1	10/03/25	10/03/25	
p,m-Xylene	**0.760**	0.0500	1	10/03/25	10/03/25	
Total Xylenes	**1.34**	0.0250	1	10/03/25	10/03/25	
Surrogate: 4-Bromochlorobenzene-PID		*107 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2540119
Gasoline Range Organics (C6-C10)	**47.1**	20.0	1	10/03/25	10/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*10/03/25*	*10/03/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2540115
Diesel Range Organics (C10-C28)	**523**	25.0	1	10/03/25	10/03/25	
Oil Range Organics (C28-C36)	**157**	50.0	1	10/03/25	10/03/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*10/03/25*	*10/03/25*	

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

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 (2540119-BLK1)									Prepared: 10/03/25 Analyzed: 10/03/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*9.85*		*8.00*		*123*	*70-130*			
LCS (2540119-BS1)									Prepared: 10/03/25 Analyzed: 10/03/25
Benzene	3.98	0.0250	5.00		79.6	70-130			
Ethylbenzene	4.06	0.0250	5.00		81.2	70-130			
Toluene	4.01	0.0250	5.00		80.2	70-130			
o-Xylene	4.17	0.0250	5.00		83.3	70-130			
p,m-Xylene	8.26	0.0500	10.0		82.6	70-130			
Total Xylenes	12.4	0.0250	15.0		82.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.94*		*8.00*		*124*	*70-130*			
Matrix Spike (2540119-MS1)				**Source: E510023-22**					Prepared: 10/03/25 Analyzed: 10/03/25
Benzene	4.18	0.0250	5.00	ND	83.6	70-130			
Ethylbenzene	4.23	0.0250	5.00	ND	84.7	70-130			
Toluene	4.20	0.0250	5.00	ND	84.0	70-130			
o-Xylene	4.39	0.0250	5.00	ND	87.9	70-130			
p,m-Xylene	8.62	0.0500	10.0	ND	86.2	70-130			
Total Xylenes	13.0	0.0250	15.0	ND	86.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*9.84*		*8.00*		*123*	*70-130*			
Matrix Spike Dup (2540119-MSD1)				**Source: E510023-22**					Prepared: 10/03/25 Analyzed: 10/03/25
Benzene	3.64	0.0250	5.00	ND	72.9	70-130	13.8	27	
Ethylbenzene	3.65	0.0250	5.00	ND	72.9	70-130	14.9	26	
Toluene	3.63	0.0250	5.00	ND	72.6	70-130	14.5	20	
o-Xylene	3.82	0.0250	5.00	ND	76.4	70-130	13.9	25	
p,m-Xylene	7.46	0.0500	10.0	ND	74.6	70-130	14.4	23	
Total Xylenes	11.3	0.0250	15.0	ND	75.2	70-130	14.2	26	
Surrogate: 4-Bromochlorobenzene-PID	*9.72*		*8.00*		*121*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

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 (2540119-BLK1)									Prepared: 10/03/25 Analyzed: 10/03/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.00*		*8.00*		*100*	*70-130*			
LCS (2540119-BS2)									Prepared: 10/03/25 Analyzed: 10/03/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.10*		*8.00*		*101*	*70-130*			
Matrix Spike (2540119-MS2)				**Source: E510023-22**					Prepared: 10/03/25 Analyzed: 10/03/25
Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.20*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2540119-MSD2)				**Source: E510023-22**					Prepared: 10/03/25 Analyzed: 10/03/25
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	8.57	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.11*		*8.00*		*101*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/6/2025 10:18:33AM

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 (2540115-BLK1)									Prepared: 10/03/25 Analyzed: 10/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*45.1*		*50.0*		*90.3*	*61-141*			
LCS (2540115-BS1)									Prepared: 10/03/25 Analyzed: 10/03/25
Diesel Range Organics (C10-C28)	223	25.0	250		89.1	66-144			
Surrogate: n-Nonane	*43.1*		*50.0*		*86.2*	*61-141*			
Matrix Spike (2540115-MS1)				**Source: E510023-21**					Prepared: 10/03/25 Analyzed: 10/03/25
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.7	56-156			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.4*	*61-141*			
Matrix Spike Dup (2540115-MSD1)				**Source: E510023-21**					Prepared: 10/03/25 Analyzed: 10/03/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	7.81	20	
Surrogate: n-Nonane	*51.5*		*50.0*		*103*	*61-141*			

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:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/06/25 10:18

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: HilcoSP	Company:	Lab WO# E510035	1D 2D 3D Std	NM CO UT TX
Project Name: Canyon Largo Unit Com #472	Address:	Job Number 17051-0002	X	
Project Manager: Kate Kaufman	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@hilcosp.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
1153	10/2/25	Soil	1	SP02A		1	X	X	X									4.8	
1204	"	"	"	SP03A		2	"	"	"									4.6	
1208	"	"	"	SP04A		3	"	"	"									4.2	
1213	"	"	"	SP05		4	"	"	"									4.5	
1218	"	"	"	SP06		5	"	"	"									4.6	

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/2/25	15:45	Cath Kaufman	10.2.25	15:46

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: 10/2/2025 4:11:34PM

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:	10/02/25 15:46	Work Order ID:	E510035
Phone:	-	Date Logged In:	10/02/25 15:48	Logged In By:	Caitlin Mars
Email:		Due Date:	10/03/25 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

Report to:

Kate Kaufman

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Canyon Largo Unit Com #472
Work Order:	E510108
Job Number:	17051-0002
Received:	10/9/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/16/25

Date Reported: 10/16/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: Canyon Largo Unit Com #472
Workorder: E510108
Date Received: 10/9/2025 3:41:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/9/2025 3:41:00PM, under the Project Name: Canyon Largo Unit Com #472.

The analytical test results summarized in this report with the Project Name: Canyon Largo Unit Com #472 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/16/25 09:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
VZ01	E510108-01A	Soil	10/09/25	10/09/25	Glass Jar, 4 oz.
VZ02	E510108-02A	Soil	10/09/25	10/09/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/16/2025 9:12:20AM

VZ01

E510108-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2542012
Benzene	ND	0.0250	1	10/13/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/13/25	
Toluene	ND	0.0250	1	10/13/25	10/13/25	
o-Xylene	ND	0.0250	1	10/13/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*10/13/25*	*10/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2542012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.0 %*	*70-130*	*10/13/25*	*10/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2542001
Diesel Range Organics (C10-C28)	**87.7**	25.0	1	10/13/25	10/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/13/25	10/13/25	
Surrogate: n-Nonane		*96.2 %*	*61-141*	*10/13/25*	*10/13/25*	

Sample Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/16/2025 9:12:20AM

VZ02

E510108-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2542012
Benzene	ND	0.0250	1	10/13/25	10/13/25	
Ethylbenzene	ND	0.0250	1	10/13/25	10/13/25	
Toluene	ND	0.0250	1	10/13/25	10/13/25	
o-Xylene	ND	0.0250	1	10/13/25	10/13/25	
p,m-Xylene	ND	0.0500	1	10/13/25	10/13/25	
Total Xylenes	ND	0.0250	1	10/13/25	10/13/25	
Surrogate: 4-Bromochlorobenzene-PID		*109 %*	*70-130*	*10/13/25*	*10/13/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2542012
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/13/25	10/13/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*10/13/25*	*10/13/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2542001
Diesel Range Organics (C10-C28)	**116**	25.0	1	10/13/25	10/13/25	
Oil Range Organics (C28-C36)	**56.1**	50.0	1	10/13/25	10/13/25	
Surrogate: n-Nonane		*106 %*	*61-141*	*10/13/25*	*10/13/25*	

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/16/2025 9:12:20AM

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 (2542012-BLK1)									Prepared: 10/13/25 Analyzed: 10/13/25
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	*8.26*		*8.00*		*103*	*70-130*			
LCS (2542012-BS1)									Prepared: 10/13/25 Analyzed: 10/13/25
Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.19*		*8.00*		*102*	*70-130*			
Matrix Spike (2542012-MS1)				**Source: E510109-03**					Prepared: 10/13/25 Analyzed: 10/13/25
Benzene	5.05	0.0250	5.00	ND	101	70-130			
Ethylbenzene	5.01	0.0250	5.00	ND	100	70-130			
Toluene	5.02	0.0250	5.00	ND	100	70-130			
o-Xylene	5.00	0.0250	5.00	ND	99.9	70-130			
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130			
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.23*		*8.00*		*103*	*70-130*			
Matrix Spike Dup (2542012-MSD1)				**Source: E510109-03**					Prepared: 10/13/25 Analyzed: 10/13/25
Benzene	5.05	0.0250	5.00	ND	101	70-130	0.0634	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	0.0818	26	
Toluene	5.03	0.0250	5.00	ND	101	70-130	0.145	20	
o-Xylene	5.00	0.0250	5.00	ND	100	70-130	0.120	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	0.0838	23	
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130	0.0958	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.11*		*8.00*		*101*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/16/2025 9:12:20AM

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 (2542012-BLK1)									Prepared: 10/13/25 Analyzed: 10/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.26*		*8.00*		*90.8*	*70-130*			
LCS (2542012-BS2)									Prepared: 10/13/25 Analyzed: 10/13/25
Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.34*		*8.00*		*91.7*	*70-130*			
Matrix Spike (2542012-MS2)				**Source: E510109-03**					Prepared: 10/13/25 Analyzed: 10/13/25
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.7*	*70-130*			
Matrix Spike Dup (2542012-MSD2)				**Source: E510109-03**					Prepared: 10/13/25 Analyzed: 10/13/25
Gasoline Range Organics (C6-C10)	59.9	20.0	50.0	ND	120	70-130	9.69	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.2*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Canyon Largo Unit Com #472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/16/2025 9:12:20AM

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 (2542001-BLK1)									Prepared: 10/13/25 Analyzed: 10/13/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.2*		*50.0*		*92.3*	*61-141*			
LCS (2542001-BS1)									Prepared: 10/13/25 Analyzed: 10/13/25
Diesel Range Organics (C10-C28)	242	25.0	250		96.7	66-144			
Surrogate: n-Nonane	*47.0*		*50.0*		*94.0*	*61-141*			
Matrix Spike (2542001-MS1)				**Source: E510109-01**					Prepared: 10/13/25 Analyzed: 10/13/25
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	*47.2*		*50.0*		*94.4*	*61-141*			
Matrix Spike Dup (2542001-MSD1)				**Source: E510109-01**					Prepared: 10/13/25 Analyzed: 10/13/25
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.29	20	
Surrogate: n-Nonane	*48.3*		*50.0*		*96.5*	*61-141*			

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:	Canyon Largo Unit Com #472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/16/25 09:12

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# E510108	Job Number 17052-0002	1D 2D 3D Std: X	NM: X CO UT TX
Project Name: Canyon Largo Unit Con #472	Address:			
Project Manager: Kate Kaufman	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@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
1049	10/9/25	Soil	1	VZ01		1	✓	✓	✓									4.6
1058	10/9/25	Soil	1	VZ02		2	✓	✓	✓									4.2

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	10/9	1542		10/9/25	1541 1344
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time CM
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/10/2025 3:21:46PM

Sample Receipt Checklist (SRC)

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

Client:	Hilcorp Energy Co	Date Received:	10/09/25 15:41	Work Order ID:	E510108
Phone:	-	Date Logged In:	10/10/25 14:44	Logged In By:	Noe Soto
Email:		Due Date:	10/16/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received?	Yes
8. If yes, was cooler received in good condition?	Yes
9. Was the sample(s) received intact, i.e., not broken?	Yes
10. Were custody/security seals present?	No
11. If yes, were custody/security seals intact?	NA
12. Was the sample received on ice? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

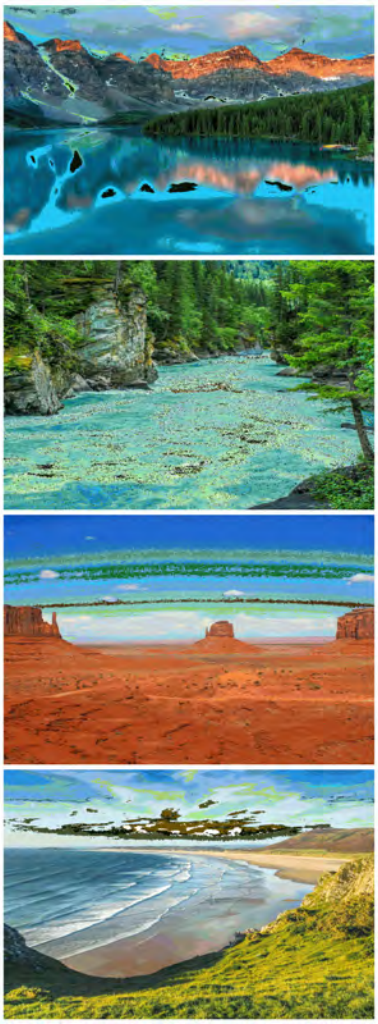
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

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:	CLU 472
Work Order:	E511216
Job Number:	17051-0002
Received:	11/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/18/25

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

Date Reported: 11/18/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: CLU 472
Workorder: E511216
Date Received: 11/14/2025 2:47:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/14/2025 2:47:00PM, under the Project Name: CLU 472.

The analytical test results summarized in this report with the Project Name: CLU 472 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	CLU 472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/18/25 11:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
VZ02a	E511216-01A	Soil	11/14/25	11/14/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	CLU 472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/18/2025 11:01:07AM

VZ02a

E511216-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2546169
Benzene	ND	0.0250	1	11/14/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/14/25	11/15/25	
Toluene	ND	0.0250	1	11/14/25	11/15/25	
o-Xylene	ND	0.0250	1	11/14/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/14/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/14/25	11/15/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*11/14/25*	*11/15/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2546169
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/25	11/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*105 %*	*70-130*	*11/14/25*	*11/15/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547001
Diesel Range Organics (C10-C28)	**63.2**	25.0	1	11/17/25	11/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/17/25	11/17/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*11/17/25*	*11/17/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2546163
Chloride	ND	20.0	1	11/17/25	11/17/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	CLU 472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/18/2025 11:01:07AM

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 (2546169-BLK1)									Prepared: 11/14/25 Analyzed: 11/15/25
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	*7.87*		*8.00*		*98.4*	*70-130*			
LCS (2546169-BS1)									Prepared: 11/14/25 Analyzed: 11/15/25
Benzene	4.66	0.0250	5.00		93.1	70-130			
Ethylbenzene	4.42	0.0250	5.00		88.4	70-130			
Toluene	4.59	0.0250	5.00		91.7	70-130			
o-Xylene	4.54	0.0250	5.00		90.8	70-130			
p,m-Xylene	9.08	0.0500	10.0		90.8	70-130			
Total Xylenes	13.6	0.0250	15.0		90.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.21*		*8.00*		*103*	*70-130*			
Matrix Spike (2546169-MS1)				**Source: E511203-06**					Prepared: 11/14/25 Analyzed: 11/15/25
Benzene	5.21	0.0250	5.00	ND	104	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.9	70-130			
Toluene	5.13	0.0250	5.00	ND	103	70-130			
o-Xylene	5.02	0.0250	5.00	ND	100	70-130			
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.14*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2546169-MSD1)				**Source: E511203-06**					Prepared: 11/14/25 Analyzed: 11/15/25
Benzene	5.51	0.0250	5.00	ND	110	70-130	5.58	27	
Ethylbenzene	5.26	0.0250	5.00	ND	105	70-130	6.18	26	
Toluene	5.44	0.0250	5.00	ND	109	70-130	5.77	20	
o-Xylene	5.30	0.0250	5.00	ND	106	70-130	5.32	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	6.02	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	5.79	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.16*		*8.00*		*102*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	CLU 472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/18/2025 11:01:07AM

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 (2546169-BLK1)									Prepared: 11/14/25 Analyzed: 11/15/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.28*		*8.00*		*104*	*70-130*			
LCS (2546169-BS2)									Prepared: 11/14/25 Analyzed: 11/15/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.35*		*8.00*		*104*	*70-130*			
Matrix Spike (2546169-MS2)				**Source: E511203-06**					Prepared: 11/14/25 Analyzed: 11/15/25
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.10*		*8.00*		*101*	*70-130*			
Matrix Spike Dup (2546169-MSD2)				**Source: E511203-06**					Prepared: 11/14/25 Analyzed: 11/15/25
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130	5.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.04*		*8.00*		*100*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	CLU 472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/18/2025 11:01:07AM

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 (2547001-BLK1)									Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*61.3*		*50.0*		*123*	*61-141*			
LCS (2547001-BS1)									Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	66-144			
Surrogate: n-Nonane	*47.2*		*50.0*		*94.5*	*61-141*			
Matrix Spike (2547001-MS1)				**Source: E511208-01**					Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	*52.9*		*50.0*		*106*	*61-141*			
Matrix Spike Dup (2547001-MSD1)				**Source: E511208-01**					Prepared: 11/17/25 Analyzed: 11/17/25
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156	5.51	20	
Surrogate: n-Nonane	*56.2*		*50.0*		*112*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	CLU 472	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/18/2025 11:01:07AM

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 (2546163-BLK1)									Prepared: 11/17/25 Analyzed: 11/17/25
Chloride	ND	20.0							
LCS (2546163-BS1)									Prepared: 11/17/25 Analyzed: 11/17/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2546163-MS1)				**Source: E511203-03**					Prepared: 11/17/25 Analyzed: 11/17/25
Chloride	261	20.0	250	ND	105	80-120			
Matrix Spike Dup (2546163-MSD1)				**Source: E511203-03**					Prepared: 11/17/25 Analyzed: 11/17/25
Chloride	262	20.0	250	ND	105	80-120	0.220	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:	CLU 472	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/18/25 11:01

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: Hilcorp	Lab WO#: E511216	Job Number: 17051-0002	1D: X; 2D; 3D; Std	NM: X; CO; UT; TX
Project Name: CLU 472	Address:			
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email: mkillough@hilcorp.com			
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
1145	11-14	Soil	1-4oz	VZ02a		1								X		5.8	

Analysis and Method

EPA Program: SDWA; CWA; RCRA

Compliance: Y or N

PWSID #

Additional Instructions: cc: shyde@ensolum.com, wweichert@ensolum.com, zmyers@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: Zach Myers

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	11-14	1447	Caitlin Mason	11.14.25	14:47

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: 11/14/2025 2:57:34PM

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:	11/14/25 14:47	Work Order ID:	E511216
Phone:	-	Date Logged In:	11/14/25 14:56	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	11/17/25 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

ENSOLUM

APPENDIX C

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
Canyon Largo Unit #472
Rio Arriba County, New Mexico

Photograph: 1 Date: 09/29/2025
Description: Excavation underneath bermed area

View: West

Photograph: 2 Date: 09/29/2025
Description: Excavation underneath bermed area with soil shredding equipment

View: South

Photograph: 3 Date: 10/01/2025
Description: Excavation underneath bermed area with soil shredding equipment

View: South-West

Photograph: 4 Date: 10/01/2025
Description: Soil shredding treatment pile

View: North

ENSOLUM

Photographic Log
Hilcorp Energy Company
Canyon Largo Unit #472
Rio Arriba County, New Mexico

Photograph: 5 Date: 10/09/2025
Description: Excavation area after soil shredding treatment and backfill
View: West

Photograph: 6 Date: 11/14/2025
Description: VZ02a after removing additional soil
View: North

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2514946582**
Incident Name	**NAPP2514946582 CANYON LARGO UNIT COM #472 @ 30-039-30001**
Incident Type	**Release Other**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-039-30001] CANYON LARGO UNIT COM #472**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CANYON LARGO UNIT COM #472
Date Release Discovered	05/27/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
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	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. | Pit (Specify) | Condensate | Released: 42 BBL | Recovered: 20 BBL | Lost: 22 BBL.
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/25/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	110
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	3500
GRO+DRO	(EPA SW-846 Method 8015M)	3500
BTEX	(EPA SW-846 Method 8021B or 8260B)	139.3
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		10/01/2025
On what date will (or did) the final sampling or liner inspection occur		10/01/2025
On what date will (or was) the remediation complete(d)		10/07/2025
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		1800
What is the estimated volume (in cubic yards) that will be remediated		500
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112336756 ENVIROTECH LANDFARM #2
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes
(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: 11/25/2025
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.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**524430**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/14/2025**
What was the (estimated) number of samples that were to be gathered	**1**
What was the sampling surface area in square feet	**1000**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1200
What was the total volume (cubic yards) remediated	380
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)	N/A

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/25/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 529769
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	2/11/2026