ENSOLUM

January 6, 2026

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

Re: Remediation Report and Closure Request
Lunt FC 2
Hilcorp Energy Company
NMOCD Incident No: nAPP2516928804

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* for a release at the Lunt FC 2 natural gas production well (Site). The Site is located on private land, Unit M, Section 5, Township 30 North, Range 13 West, in San Juan County, New Mexico (Figure 1). This report describes the delineation, excavation, and confirmation soil sampling activities performed at the Site to remediate impacted soil originating from the release.

SITE BACKGROUND

On June 17, 2025, at approximately 10:50 a.m., Hilcorp personnel discovered a release of 178.7 barrels (bbls) of produced water at the Site. Specifically, while conducting a routine Site inspection, a Hilcorp operator observed a visibly impacted area inside the below-grade tank (BGT) berm originating from a subsurface produced water pipeline. Upon further inspection, it was determined the leak had formed in the pipeline due to corrosion. At that time, the waterline was shut down and secured. All released fluids remained inside the secondary containment berm. A water truck was dispatched to the Site immediately and recovered approximately 175 bbls of the estimated 178.7 bbls of water. Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on June 18, 2025. The NMOCD has assigned the Site Incident nAPP2516928804.

SITE CHARACTERIZATION

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

POTENTIAL SENSITIVE RECEPTORS

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

The nearest fresh water well is NMOSE permitted well SJ-03887 (Appendix A), located approximately 1,361 feet northeast of the Site with a recorded depth to water of 51 feet below ground surface (bgs). To assess Site-specific depth-to-groundwater, Hilcorp retained Envirodrill, Inc. and Ensolum personnel to advance a depth-to-water borehole on July 28, 2025, to a depth of 55 feet bgs. Upon completion of the borehole, a temporary well screen and casing were installed in the open borehole and allowed to equilibrate for 72 hours. A water-level indicator was used to assess for the presence or absence of groundwater. Although field logging did not encounter wet or saturated soils during drilling, groundwater was encountered in the borehole at a depth of approximately 42 feet bgs. Documentation related to the depth-to-water borehole is attached as Appendix A.

The nearest significant watercourse to the Site is a dry wash located approximately 670 feet south of the well pad. The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake, and greater than 300 feet from any wetland. No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site. The Site is not within a 100-year floodplain. The Site is not overlying a subsurface mine or located within an area underlain by unstable geology. Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site. A Site receptor map is shown on Figure 1.

SITE CLOSURE CRITERIA

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

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

DELINEATION AND SOIL SAMPLING ACTIVITIES

Hilcorp retained Ensolum to conduct delineation soil sampling activities on June 25, 2025, and July 28, 2025. Concurrent to sampling on June 25, 2025, Hilcorp excavated soil to access the pipeline leak and make repairs. One pothole, PH01, was advanced at the Site to a depth of 8 feet bgs to assess the vertical extent of impacts within the release extent. Nine surface soil samples, SS01 through SS09, were collected for field screening and/or laboratory analysis to assess the lateral extents of potential impacts resulting from release. Additionally, two samples, FS01 and FS04 were collected for laboratory analysis from the base of the BGT after it was removed (FS01) and from the floor of the limited excavation around the pipeline (FS04).

During delineation activities, Ensolum personnel logged soil lithology and field screened for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID) and chloride using Hach® QuanTab® chloride test strips. Soil descriptions and field screening results were noted in the field book. PID and chloride field screening results are included in Table 1. Based on field screening results, soil samples were collected directly into laboratory-provided jars and immediately placed on ice. Samples were submitted to Envirotech Laboratory for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B, TPH following method 8015M/D, and chloride following EPA Method 300.0.

Based on laboratory analytical results, chloride concentrations exceeding the NMOCD Closure Criteria were encountered in five soil samples: PH01 at a depth of 3 feet bgs, PH01 at a depth of

6 feet bgs, surface sample SS06, BGT floor sample FS01 at a depth of 7 feet bgs, and excavation floor sample FS04 at a depth of 3 feet bgs. BTEX and/or TPH constituents were either not detected above laboratory reporting limits or were detected at concentrations compliant with NMOCD Closure Criteria in all remaining analyzed samples.

Photographs taken during delineation activities are provided in Appendix B. A summary of analytical results is summarized in Table 1 and Figure 2, with complete laboratory reports attached in Appendix C.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the delineation sampling activities described above, Hilcorp remediated impacted soil through excavation and off-Site soil disposal to the Envirotech Landfarm in San Juan County, New Mexico. Excavation activities were conducted between October 29, 2025, and December 10, 2025. Sampling notification was provided to the NMOCD at least two business days prior to conducting remediation and sampling work, with correspondence attached in Appendix D. To direct excavation activities, Ensolum personnel field screened soil for VOCs and chloride using the methods described above.

Once field screening indicated impacted soil had been removed, five-point composite soil samples were collected on November 19, 2025, from the floor (FS01 through FS06) and sidewalls (SW01 through SW07) of the excavation at a frequency not exceeding one sample per 200 square feet. Composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples were placed into laboratory provided containers and transported under proper chain of custody procedures to Envirotech A for analysis of TPH, BTEX, and chloride using the methods described above.

Analytical results from the November 2025 sampling event indicated concentrations of TPH, BTEX, and chloride were compliant with NMOCD Closure Criteria in all samples with the exception of sidewalls SW01, SW02, and SW05. As such, additional soil was removed from these areas and additional confirmation soil samples were collected on December 10, 2025, as sidewall samples SW01A, SW02A, and SW05A and one additional floor sample FS07. Analytical results indicated these four samples collected on December 10, 2025 were compliant with the applicable NMOCD Closure Criteria.

Photographs taken by Ensolum during the excavation work are presented in Appendix B. Soil samples results are summarized in Table 2, with complete laboratory analytical reports also included in Appendix C.

CLOSURE REQUEST

Site excavation and sampling activities were conducted to address the release discovered on June 17, 2025. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2516928804.

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

Sincerely,
Ensolum, LLC

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

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

Attachments:

Figure 1:	Site Location Map
Figure 2:	Delineation Soil Sample Locations
Figure 3:	Excavation Soil Sample Locations
Table 1:	Delineation Soil Sample Analytical Results
Table 2:	Excavation Soil Sample Analytical Results
Appendix A:	Depth to Water Determination
Appendix B:	Photographic Log
Appendix C:	Laboratory Analytical Reports
Appendix D:	Agency Correspondence

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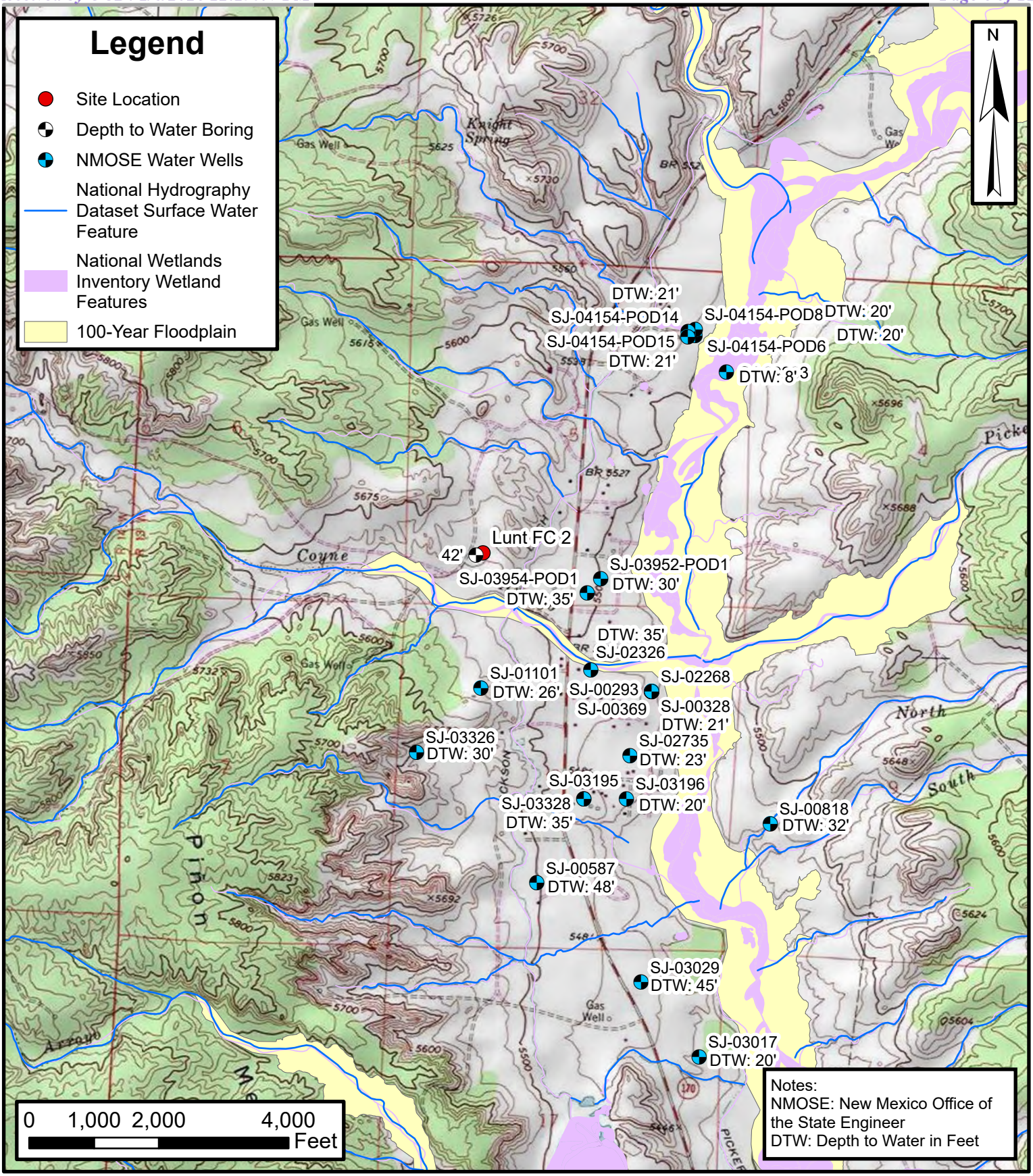
FIGURES



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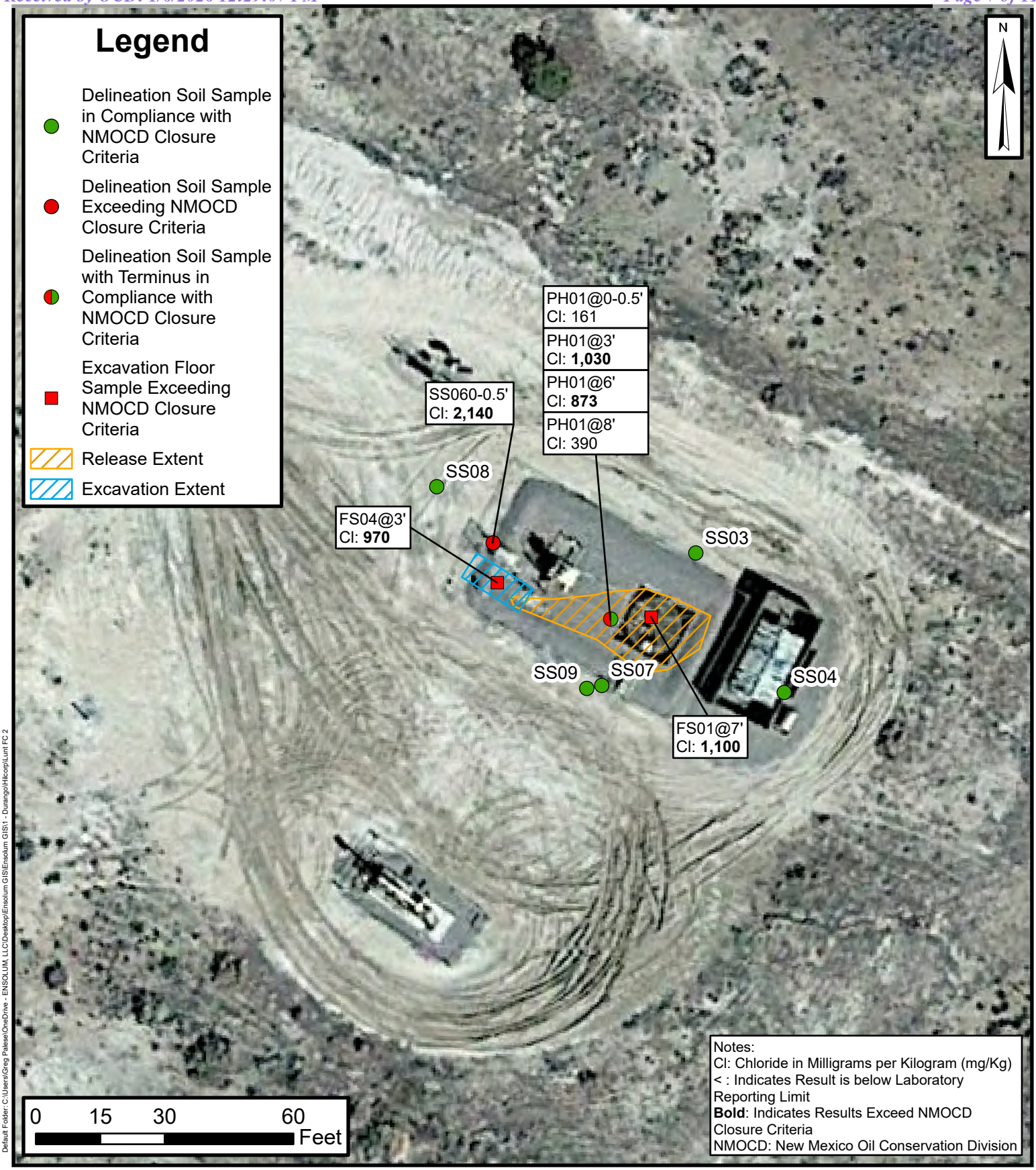
Site Location Map

Lunt FC 2
Hilcorp Energy Company
36.83720, -108.23294
San Juan County, New Mexico

FIGURE
1



Default Folder: C:\Users\Greg Pates\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\Lunt FC 2

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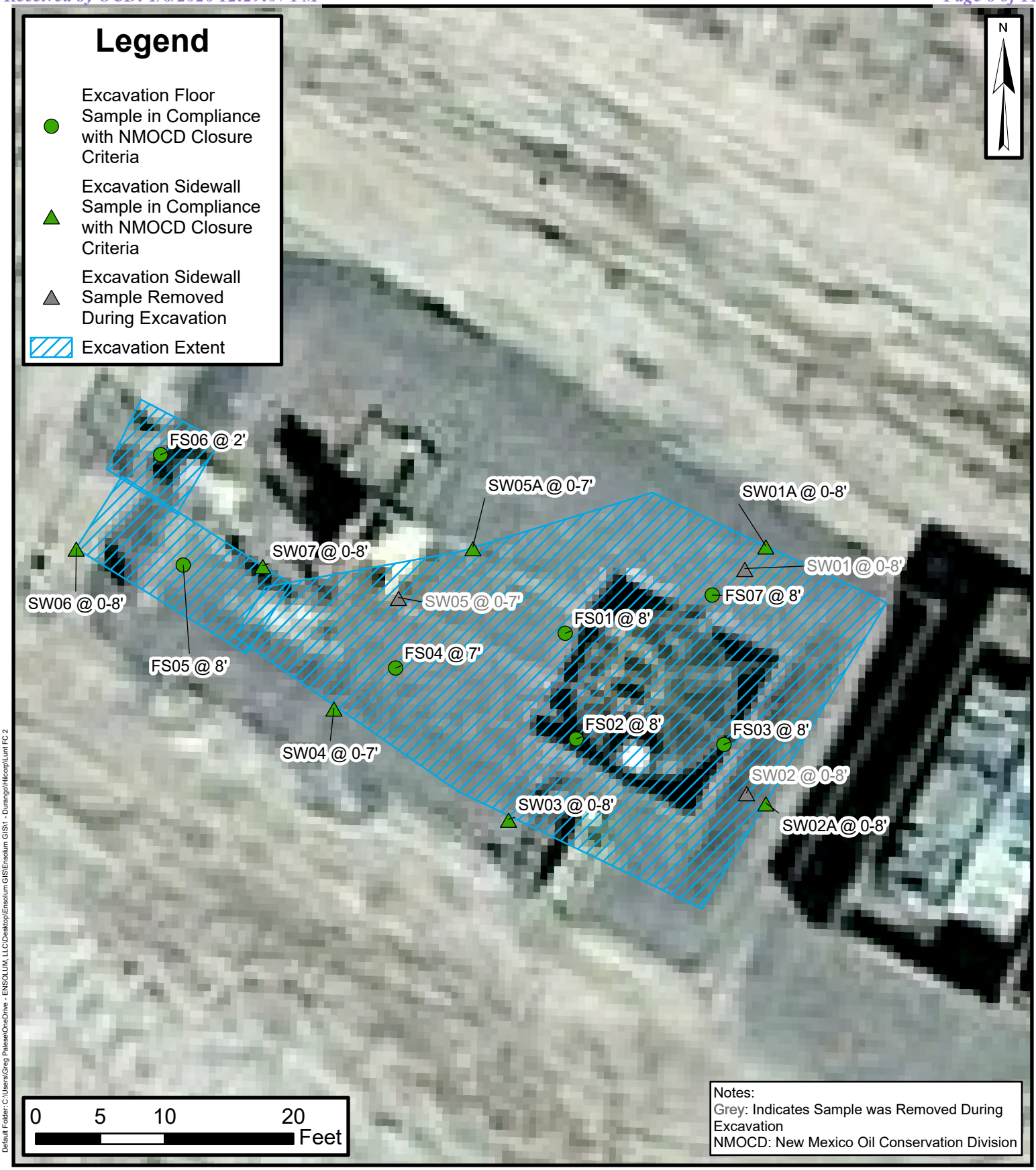
Delineation Soil Sample Locations

Lunt FC 2
Hilcorp Energy Company
36.83720, -108.23294
San Juan County, New Mexico

FIGURE
2

Sources: Google Earth (2019)



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Excavation Soil Sample Locations

Lunt FC 2
Hilcorp Energy Company
36.83720, -108.23294
San Juan County, New Mexico

FIGURE
3

Sources: Google Earth (2019)

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TABLES

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TABLE 1
DELINEATION SOIL SAMPLE ANALYTICAL RESULTS
Lunt FC 2
Hilcorp Energy Company
San Juan County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Chloride Field Test (ppm)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
Delineation Soil Sample Results														
PH01@0-0.5'	6/25/2025	0 - 0.5	<162	5.7	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	161
PH01@3'	6/25/2025	3.0	829	0.1	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	**1,030**
PH01@6'	6/25/2025	6.0	1,075	0.0	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	**873**
PH01@8'	6/25/2025	8.0	386	6.6	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	390
SS01	6/25/2025	0 - 0.5	2,341	4.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SS02	6/25/2025	0 - 0.5	986	1.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SS03	6/25/2025	0 - 0.5	<163	8.3	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	22.7
SS04	6/25/2025	0 - 0.5	<163	3.3	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS05	6/25/2025	0 - 0.5	<163	2.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SS06	6/25/2025	0 - 0.5	2,503	3.2	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	**2,140**
SS07	6/25/2025	0 - 0.5	230	1.7	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	81.0
SS08	7/28/2025	0 - 0.5	<156.8	2.2	<0.0250	0.0370	<0.0250	<0.050	0.0370	<20.0	<25.0	<50.0	<50.0	72.2
SS09	7/28/2025	0 - 0.5	156.8	4.8	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	101.0
Excavation Floor Soil Sample Results														
FS01	6/25/2025	7.0	1,456	3.2	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	**1,100**
FS02	6/25/2025	7.0	829	4.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FS03	6/25/2025	7.0	1,254	10.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FS04	6/25/2025	3.0	1,562	2.5	<0.0250	<0.0250	<0.0250	<0.050	<0.0250	<20.0	<25.0	<50.0	<50.0	**970**

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
NS: Not Sampled
PID: Photoionization detector
ppm: Parts per million
GRO: Gasoline Range Organics
DRO: Diesel Range Organics
MRO: Motor Oil/Lube Oil Range Organics
TPH: Total Petroleum Hydrocarbon
': Feet
< : Indicates result less than the stated laboratory reporting limit (RL)
*Concentrations in **bold** and shaded exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*

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TABLE 2
EXCAVATION SOIL SAMPLE ANALYTICAL RESULTS
Lunt FC 2
Hilcorp Energy Company
San Juan County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
Excavation Sidewall Soil Sample Results												
~~SW01 @ 0-8'~~	~~11/19/2025~~	~~0 - 8'~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~**4,430**~~
SW01A @ 0-8'	12/10/2025	0 - 8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	127
~~SW02 @ 0-8'~~	~~11/19/2025~~	~~0 - 8'~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~**1,760**~~
SW02A @ 0-8'	12/10/2025	0 - 8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	210
SW03 @ 0-8'	11/19/2025	0 - 8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	145
SW04 @ 0-7'	11/19/2025	0 - 7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	127
~~SW05 @ 0-7'~~	~~11/19/2025~~	~~0 - 7'~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~**1,760**~~
SW05A 0-7'	12/10/2025	0 - 7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	156
SW06 @ 0-8'	11/19/2025	0 - 8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	157
SW07 @ 0-8'	11/19/2025	0 - 8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	440
Excavation Floor Soil Sample Results												
FS01 @ 8'	11/19/2025	8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	344
FS02 @ 8'	11/19/2025	8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	247
FS03 @ 8'	11/19/2025	8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	309
FS04 @ 7'	11/19/2025	7'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	417
FS05 @ 8'	11/19/2025	8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	588
FS06 @ 2'	11/19/2025	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	120
FS07 @ 8'	12/10/2025	8'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	170

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
NS: Not Sampled
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 soil sample areas that have been excavated*

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APPENDIX A

Depth to Water Determination

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Client: Hilcorp Energy Company
Project Name: Lunt FC 2
Project Location:
Project Manager: Stuart Hyde

BORING LOG NUMBER: DTW ~~DTWOT~~ OF
Project No.:

Date Sampled: 07/28/2025
Drilled By: Enviro-Drill
Driller: Rodney Begay
Logged By: Osgood Froelich

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter: 8" + 4"
Casing Diameter: 2"
Well Materials: PVC
Surface Completion:
Boring Method: HSA + ODEX

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
0–3					ML	Sandy silt, tan, dry, no o/s, some organics, silt w/ well graded sand	PVC
4	1424						Left open, will backfill with grout & in 72 hours, after DTW measurement.
5–7		8-11-14	75%		ML	Sandy silt Tan/light brown, dry, no o/s, silt w/ some well graded sand and few gravels, brittle	
9	1429						
10–12		22, 50-5"	35%		ML	Silt w/ well graded sand Tan/grey, dry, no o/s, more firm, silt w/ some (less) well graded sand	
13							
14	1436						
15–18		50-5"	45%		SM ~~ML~~	Silty sand Tan/grey/brown, dry, no o/s well graded v.f.-med. sand w/ silt, brittle	
19	1500					Bedrock	
20–22		50-3"	60% 10% not stuff		ML	Sandy silt Grey/white, dry, firm, no o/s, some well graded sand, mostly silty, siltstone/sandstone	
23							
24	1513 ~~1531~~						
25		50-4"	50% 10% not stuff		SM	Silty sand SAA but slightly more well-graded v.f.-med sand than silt	

Much more firm, slower drilling.

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Client: Hilcorp
Project Name: Lunt
Project Location:
Project Manager:

BORING LOG NUMBER: DTW
Project No.:

Date Sampled: 7/28/25
Drilled By:
Driller: Rodney
Logged By: Osgood

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter:
Casing Diameter:
Well Materials:
Surface Completion:
Boring Method:

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
25–28		Previous page					PVC
29	1531						
30–31		50-4"	50% <10% not sluff		SM	Silty sand SAA, grey dry sandstone bedrock, no o/s, firm, well-graded	
32–33							
34	1547						
35–36		50-3"	45%		ML (SM?)	Sandy silt SAA but less sand slightly, grey, dry, no o/s	
37–38							
39	1559						
40–41		50-5"	50%		ML	Silt w/ sand Dry, grey, no o/s, fines, w/ some well graded sand, maybe some/few clays(?) darker grey	
42–43							
44	1610						
45–46		50-5"	75% 10% not sluff		CL SHALE	Clay (w/ silts) silty, grey, dry, brittle, no o/s, non coh/plst clay, SHALE few/trace v.f.-f. sand	
47–48							
49	1629						
50		50-5%	60% <10% not sluff		SHALE	SAA grey dry fines, no o/s	

From sandstone to shale

Left open, will backfill in 72 hrs after DTW measurement.

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Client: Hilcorp
Project Name: Lunt
Project Location:
Project Manager:

BORING LOG NUMBER: DTW
Project No.:

Date Sampled: 7/28/25
Drilled By:
Driller: Rodney
Logged By: Osgood

Ground Surface Elevation:
Top of Casing Elevation:
North Coordinate:
West Coordinate:

Borehole Diameter:
Casing Diameter:
Well Materials:
Surface Completion:
Boring Method:

DEPTH (FEET)	SAMPLE INTERVAL	BLOW COUNT	RECOVERY (%)	FID/PID READING (PPM)	USCS SYMBOL	GEOLOGIC DESCRIPTION	BORING/WELL COMPLETION
50					SHALE	Previous page	
51							
52							
53							
54	1645						
55		50-5"	40% ~10% not sluff		SHALE	SAN grey, dry, no o/s fines	
56							

Screen 55'-50'

TD 55'
Screen 55'-50'

File Number: SJ-3887
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
DECLARATION OF OWNER OF UNDERGROUND WATER RIGHT

1. DECLARANT

Name: Henry L. Mosimann Work Phone:
Contact: Home Phone: 505-325-7150
Address: 733 Highway 170

City: Farmington State: NM Zip: 87401

2. LOCATION OF WELL (A, B, C, or D required, E or F if know)

A. NE 1/4 SE 1/4 SW 1/4 Section: 05 Township: 30N Range: 13W N.M.P.M.
in San Juan County.

B. X = 2607503 feet, Y = 2124625 feet, N.M. Coordinate System
West Zone in the Grant.
U.S.G.S. Quad Map

C. Latitude: d m s Longitude: d m s

D. East (m), North (m), UTM Zone 13, NAD __ (27 or 83)

E. Tract No. , Map No. of the Hydrographic Survey

F. Lot No. 33, Block No. of Unit/Tract of the
Rancho Estates Subdivision recorded in San Juan County.

G. Other: Physical Address is 729 Hwy 170 La Plata, NM 87418

H. On land owned by (required): Henry L. Mosimann Recorded In B 1486, P 29

3. DESCRIPTION OF WELL

Date drilled: 1958 Driller: Unknown

Depth: 61'-8" feet. Outside diameter of casing 6.5 inches;

Original capacity - gal. per min.; Present capacity - gal. per min.;

Pumping lift: 51' feet; Static water level: 51' feet (above) (**below**) land

surface; Make of pump: Myers ; Type of pump: Jet

Make, type, horsepower, etc., of power plant: 3/4 HP

Fractional or percentage interest claimed in well: 100%

2009 JUN 10 AM 10:54
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

Do Not Write Below This Line

File Number: SJ-3887 Trn Number: 586565
Form: wr-03 page 1 of 3

File Number: SJ-3887
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
DECLARATION OF OWNER OF UNDERGROUND WATER RIGHT

4. QUANTITY

Consumptive Use: 6 acre-feet per annum
Diversion Amount: _____ acre-feet per annum

5. PURPOSE OF USE

Domestic: ___ Livestock: X Irrigation: X Municipal: ___ Industrial: ___
Commercial: ___ Other (specify): _____
Specific use: _____

6. PLACE OF USE

2.79 acres of land described as follows:

Subdivision of Section (District or Hydrographic Survey)	Section (Map No.)	Township (Tract No.)	Range	Acres
Part NE/4 SE/4 SW/4	05	30N	13W	2.79
UPC 2077179283128				

Who is the owner of the land? Henry L. Mosimann

7. WATER WAS FIRST APPLIED TO BENEFICIAL USE ON: 1958 (date)

and since that time has been used fully and continuously for all of the above described purposes except as follows: _____

8. ADDITIONAL STATEMENTS OR EXPLANATIONS:

2009 JUN 10 AM 10:54
STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

Do Not Write Below This Line

File Number: SJ-3887 Trn Number: _____
Form: wr-03 page 2 of 3

File Number: SJ-3887
(For OSE Use Only)

NEW MEXICO OFFICE OF THE STATE ENGINEER
DECLARATION OF OWNER OF UNDERGROUND WATER RIGHT

ACKNOWLEDGEMENT

(I, We) Henry L. Mosimann affirm that the
(Please Print)
foregoing statements are true to the best of my knowledge and belief.

Henry L Mosimann
Declarant Signature

Declarant Signature

NOTARY

This instrument was acknowledged before me this 10 day of June,

A.D., 2009, By Henry L. Mosimann.
Name of Applicant

My commission expires 05/09/2010

Savannah Lindsay
Notary Public

ACCEPTANCE OF STATE ENGINEER

This Declaration form is hereby accepted for filing in accordance with NMSA-1978 (1985), as amended.
The acceptance by the State Engineer Office does not constitute validation of the right claimed.

2009 JUN 10 AM 10:55
STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

Do Not Write Below This Line

File Number: SJ-3887 Trn Number:
Form: wr-03 page 3 of 3

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER
AZTEC

John R. D'Antonio, Jr., P.E.
State Engineer

100 Gossett Drive, Suite A
Aztec, New Mexico 87410
(505) 334-4571

June 11, 2009

Henry L. Mosimann
733 Highway 170
Farmington, NM 87401

File Nos. SJ-3888 & SJ-3887

Dear Mr. Mosimann:

This office is in receipt of your Declarations of Owner of Underground Water Rights Nos. SJ-3888 and SJ-3887 which have been accepted for filing. An original for each is enclosed. Under New Mexico law, a declaration is only a statement of the declarant's claim. Acceptance for filing does not constitute approval or rejection of the claims. A receipt for the $1.00 filing fees is also enclosed.

Sincerely,

S Lindsay

Savannah Lindsay
Water Rights Division

Enclosure

cc: Aztec Reading
Aztec File
WATERS

Locator Tool Report

General Information:

Application ID: 28 Date: 06-11-2009 Time: 11:03:37

WR File Number: SJ-03887-POD 1
Purpose: POINT OF DIVERSION

Applicant First Name: HENRY L.
Applicant Last Name: MOSIMANN

GW Basin: SAN JUAN
County: SAN JUAN

Critical Management Area Name(s): NONE
Special Condition Area Name(s): NONE
Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

PLSS description is not available for this location.

Coordinate System Details:

Geographic Coordinates:

Latitude:	36 Degrees	50 Minutes	6.0 Seconds	N
Longitude:	108 Degrees	11 Minutes	45.0 Seconds	W

Universal Transverse Mercator Zone: 13N

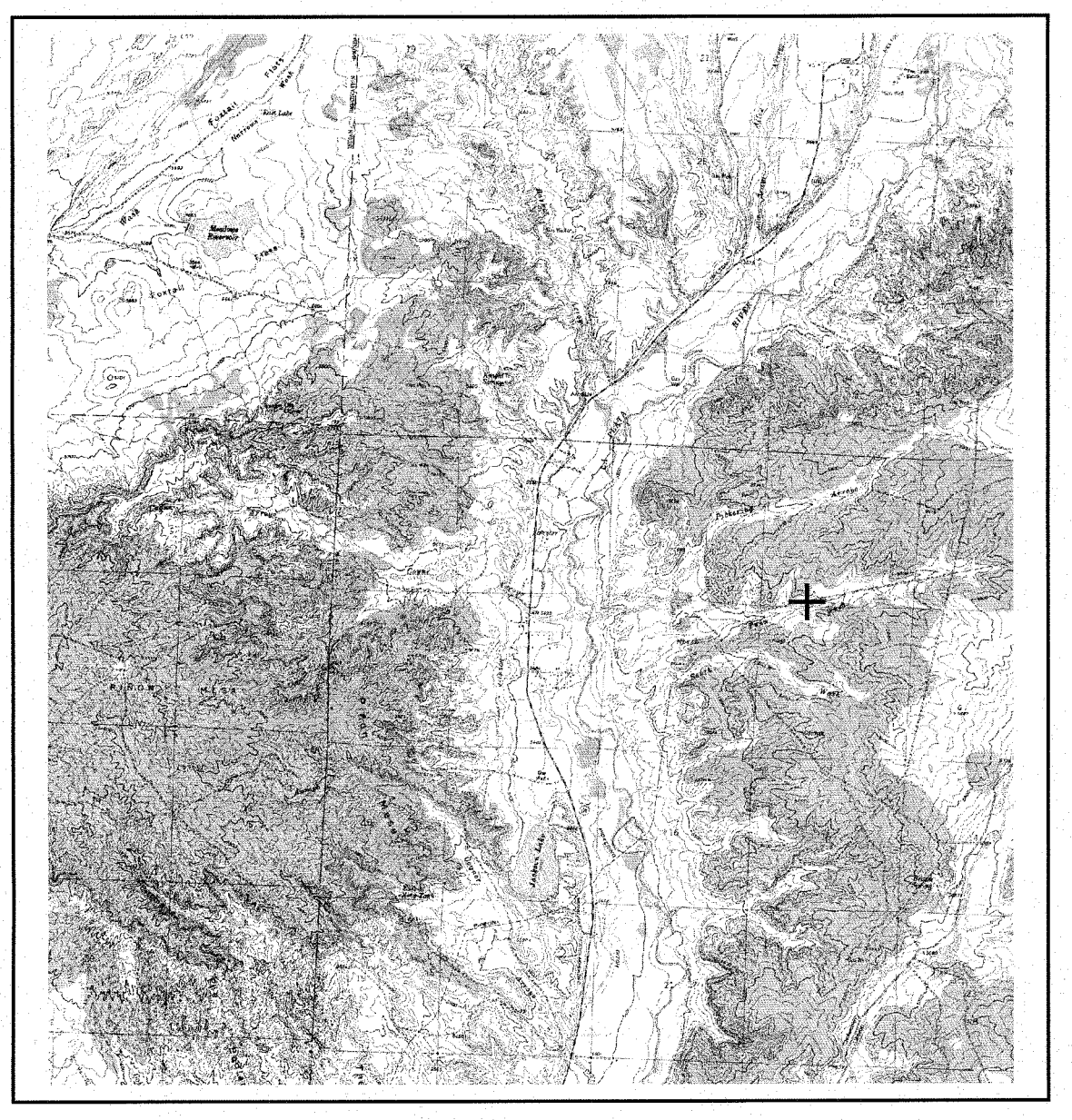
NAD 1983(92) (Meters)	N: 4,081,335	E: 214,992
NAD 1983(92) (Survey Feet)	N: 13,390,181	E: 705,353
NAD 1927 (Meters)	N: 4,081,130	E: 215,041
NAD 1927 (Survey Feet)	N: 13,389,509	E: 705,515

State Plane Coordinate System Zone: New Mexico West

NAD 1983(92) (Meters)	N: 647,231	E: 797,666
NAD 1983(92) (Survey Feet)	N: 2,123,458	E: 2,617,010
NAD 1927 (Meters)	N: 647,212	E: 120,122
NAD 1927 (Survey Feet)	N: 2,123,395	E: 394,100

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: SJ-03887-POD 1 Scale: 1:71,779

Northing/Easting: UTM83(92) (Meter): N: 4,081,335 E: 214,992

Northing/Easting: SPCS83(92) (Feet): N: 2,123,458 E: 2,617,010

GW Basin: San Juan

Print Date: 06/11/2009

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – AZTEC OFFICE

OFFICIAL RECEIPT NUMBER: 5-3820 DATE: June 16, 2009 FILE NO.: SJ-3887 + SJ-3888

TOTAL: 2 • 00 RECEIVED: Two-hundred DOLLARS CHECK NO.: _____ CASH: X

PAYOR: Hanyl. Mossman ADDRESS: 733 Hwy 170 CITY: Farmington STATE: NM

ZIP: 87401 RECEIVED BY: Shirley

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; **yellow** copy to Water Rights, Santa Fe Office, and **goldenrod** copy for district file. If you make a mistake, void original and all copies and submit to Program Support/ASD along with valid receipts.

A. Ground Water Rights Filing Fees

2	1. Declaration of Water Right	$ 1.00
___	2. Application to Appropriate; Domestic (72-12-1.1)	$125.00
___	3. Application for Stock Well	$ 5.00
___	4. Application to Repair or Deepen (72-12-1.1)	$ 75.00
___	5. Application to Replacement 72-12-1.1 Well	$ 75.00
___	6. Application for Supplemental 72-12-1 Well	$125.00
___	7. Application to Change Purpose of Use of 72-12-1 Well	$ 75.00
___	8. Application to Appropriate Irrig., Mun., Ind., or Comm.Use	$ 25.00
___	9. Application for Supplemental Well	$ 25.00
___	10. Application to Change Location of Non-72-12-1 Well	$ 25.00
___	11. Application to Change Place or Purpose of Use	$ 25.00
___	12. Application to Change Location of Well and Place and/or Purpose of Use	$ 50.00
___	13. Application to Combine Wells and/or Use	$ 25.00
___	14. Application for Extension of Time	$ 25.00
___	15. Proof of Completion of Well	$ 25.00
___	16. Proof of Application to Beneficial Use	$ 25.00
___	17. Application for Plan of Replacement	$ 25.00
___	18. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	$ 50.00
___	19. Application for Test, Exploratory, or Observation Well	$ 5.00
___	20. Change of Ownership of Water Right	$ 2.00

B. Surface Water Rights Filing Fees

___	1. Declaration of Water Right	$ 10.00
___	2. Amended Declaration	$ 25.00
___	3. Declaration of Livestock Water Impoundment	$ 10.00
___	4. Application for Livestock Water Impoundment	$ 10.00
___	5. Application to Appropriate	$ 25.00
___	6. Notice of Intent to Appropriate	$ 25.00
___	7. Application to Change Point of Diversion	$100.00
___	8. Application to Change Place and/or Purpose of Use	$100.00
___	9. Application to Change Point of Diversion and Place and/or Purpose of Use	$200.00
___	10. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	$200.00
___	11. Application for Extension of Time	$ 50.00
___	12. Supplemental Well to a Surface Right	$100.00
___	13. Return Flow Credit	$100.00
___	14. Proof of Completion of Works	$ 25.00
___	15. Proof of Application of Water to Beneficial Use	$ 25.00
___	16. Water Development Plan	$100.00
___	17. Change of Ownership	$ 5.00

C. Miscellaneous Fees

___	1. Application for Well Driller's License	$ 50.00
___	2. Application for Renewal of Well Driller's License	$ 50.00
___	3. Application to Amend Well Driller's License	$ 50.00

D. Reproduction of Documents

_____ @ 0.20¢/copy $_____

_____ Map(s) $_____

E. Certification $_____

F. Other $_____

G. COMMENTS:

Declarations - 2 Wells

ENSOLUM

APPENDIX B

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
Lunt FC 2
San Juan County, New Mexico

Photograph: 1 Date: 06/25/2025
Description: Release Area within below-grade tank pit

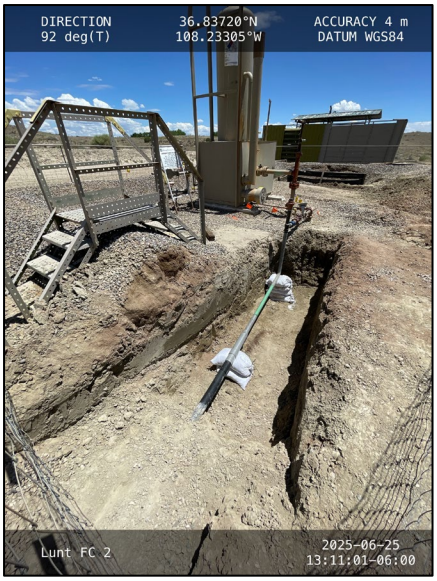
View: Southeast

Photograph: 2 Date: 06/25/2025
Description: Impacted soil within secondary containment berm

View: Southeast

Photograph: 3 Date: 06/25/2025
Description: Release footprint

View: Northeast



Photograph: 4 Date: 06/25/2025
Description: Release area

View: East

ENSOLUM

Photographic Log
Hilcorp Energy Company
Lunt FC 2
San Juan County, New Mexico

Photograph: 5 Date: 12/10/2025
Description: Final Excavation Extent

View: Northwest

Photograph: 6 Date: 12/10/2025
Description: Final Excavation Extent

View: Northeast

Photograph: 7 Date: 12/10/2025
Description: Final Excavation Extent

View: Northeast

Photograph: 8 Date: 12/10/2025
Description: Final Excavation Extent

View: East

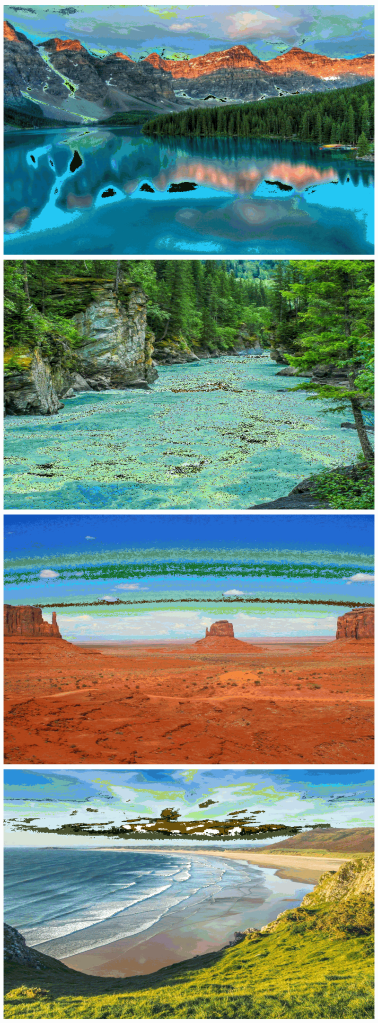
ENSOLUM

APPENDIX C

Laboratory Analytical Reports

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Lunt FC 2
Work Order:	E506235
Job Number:	17051-0002
Received:	6/25/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/27/25

Date Reported: 6/27/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: Lunt FC 2
Workorder: E506235
Date Received: 6/25/2025 2:00:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/25/2025 2:00:00PM, under the Project Name: Lunt FC 2.

The analytical test results summarized in this report with the Project Name: Lunt FC 2 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:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	06/27/25 16:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01	E506235-01A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
PH01 @ 0-0.5'	E506235-02A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
PH01 @ 3'	E506235-03A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
PH01 @ 6'	E506235-04A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
PH01 @ 8'	E506235-05A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
FS04	E506235-06A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
SS03	E506235-07A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
SS04	E506235-08A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
SS06	E506235-09A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.
SS07	E506235-10A	Soil	06/25/25	06/25/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

FS01

E506235-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.0 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.0 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/26/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*06/26/25*	*06/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**1100**	20.0	1	06/26/25	06/26/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

PH01 @ 0-0.5'

E506235-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.0 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/26/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*06/26/25*	*06/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**161**	20.0	1	06/26/25	06/26/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

PH01 @ 3'

E506235-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.0 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/26/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*06/26/25*	*06/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**1030**	20.0	1	06/26/25	06/26/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

PH01 @ 6'

E506235-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*82.6 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.4 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/26/25	
Surrogate: n-Nonane		*104 %*	*61-141*	*06/26/25*	*06/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**873**	20.0	1	06/26/25	06/26/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

PH01 @ 8'

E506235-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*83.1 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.3 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/26/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*06/26/25*	*06/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**390**	20.0	1	06/26/25	06/26/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

FS04

E506235-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.8 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.3 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/26/25	
Surrogate: n-Nonane		*108 %*	*61-141*	*06/26/25*	*06/26/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**970**	20.0	1	06/26/25	06/26/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

SS03

E506235-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*81.4 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*06/26/25*	*06/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**22.7**	20.0	1	06/26/25	06/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

SS04

E506235-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*79.7 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
Surrogate: n-Nonane		*114 %*	*61-141*	*06/26/25*	*06/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	ND	20.0	1	06/26/25	06/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

SS06

E506235-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/26/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/26/25	
Toluene	ND	0.0250	1	06/26/25	06/26/25	
o-Xylene	ND	0.0250	1	06/26/25	06/26/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/26/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/26/25	
Surrogate: 4-Bromochlorobenzene-PID		*79.8 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/26/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.8 %*	*70-130*	*06/26/25*	*06/26/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*06/26/25*	*06/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**2140**	20.0	1	06/26/25	06/27/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

SS07

E506235-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Benzene	ND	0.0250	1	06/26/25	06/27/25	
Ethylbenzene	ND	0.0250	1	06/26/25	06/27/25	
Toluene	ND	0.0250	1	06/26/25	06/27/25	
o-Xylene	ND	0.0250	1	06/26/25	06/27/25	
p,m-Xylene	ND	0.0500	1	06/26/25	06/27/25	
Total Xylenes	ND	0.0250	1	06/26/25	06/27/25	
Surrogate: 4-Bromochlorobenzene-PID		*79.3 %*	*70-130*	*06/26/25*	*06/27/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2526114
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/26/25	06/27/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*06/26/25*	*06/27/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2526117
Diesel Range Organics (C10-C28)	ND	25.0	1	06/26/25	06/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/26/25	06/27/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*06/26/25*	*06/27/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2526106
Chloride	**81.0**	20.0	1	06/26/25	06/27/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

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 (2526114-BLK1)									Prepared: 06/26/25 Analyzed: 06/26/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*6.95*		*8.00*		*86.9*	*70-130*			
LCS (2526114-BS1)									Prepared: 06/26/25 Analyzed: 06/26/25
Benzene	5.40	0.0250	5.00		108	70-130			
Ethylbenzene	5.63	0.0250	5.00		113	70-130			
Toluene	5.58	0.0250	5.00		112	70-130			
o-Xylene	5.59	0.0250	5.00		112	70-130			
p,m-Xylene	11.4	0.0500	10.0		114	70-130			
Total Xylenes	16.9	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*6.87*		*8.00*		*85.9*	*70-130*			
Matrix Spike (2526114-MS1)				**Source: E506232-04**					Prepared: 06/26/25 Analyzed: 06/26/25
Benzene	11.1	0.0500	10.0	ND	111	70-130			
Ethylbenzene	12.3	0.0500	10.0	0.758	116	70-130			
Toluene	11.5	0.0500	10.0	ND	115	70-130			
o-Xylene	11.9	0.0500	10.0	0.287	116	70-130			
p,m-Xylene	24.1	0.100	20.0	0.793	116	70-130			
Total Xylenes	36.0	0.0500	30.0	1.08	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*15.4*		*16.0*		*96.3*	*70-130*			
Matrix Spike Dup (2526114-MSD1)				**Source: E506232-04**					Prepared: 06/26/25 Analyzed: 06/26/25
Benzene	10.1	0.0500	10.0	ND	101	70-130	8.69	27	
Ethylbenzene	11.5	0.0500	10.0	0.758	107	70-130	7.07	26	
Toluene	10.6	0.0500	10.0	ND	106	70-130	8.31	20	
o-Xylene	11.0	0.0500	10.0	0.287	108	70-130	7.39	25	
p,m-Xylene	22.3	0.100	20.0	0.793	108	70-130	7.53	23	
Total Xylenes	33.4	0.0500	30.0	1.08	108	70-130	7.48	26	
Surrogate: 4-Bromochlorobenzene-PID	*15.5*		*16.0*		*96.8*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

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 (2526114-BLK1)									Prepared: 06/26/25 Analyzed: 06/26/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.2*	*70-130*			
LCS (2526114-BS2)									Prepared: 06/26/25 Analyzed: 06/26/25
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		80.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.3*	*70-130*			
Matrix Spike (2526114-MS2)				**Source: E506232-04**					Prepared: 06/26/25 Analyzed: 06/26/25
Gasoline Range Organics (C6-C10)	205	40.0	100	61.7	143	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*15.8*		*16.0*		*98.8*	*70-130*			
Matrix Spike Dup (2526114-MSD2)				**Source: E506232-04**					Prepared: 06/26/25 Analyzed: 06/26/25
Gasoline Range Organics (C6-C10)	197	40.0	100	61.7	135	70-130	4.04	20	M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*15.7*		*16.0*		*97.9*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

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 (2526117-BLK1)									Prepared: 06/26/25 Analyzed: 06/26/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.6*		*50.0*		*101*	*61-141*			
LCS (2526117-BS1)									Prepared: 06/26/25 Analyzed: 06/26/25
Diesel Range Organics (C10-C28)	311	25.0	250		124	66-144			
Surrogate: n-Nonane	*54.6*		*50.0*		*109*	*61-141*			
Matrix Spike (2526117-MS1)				**Source: E506235-01**					Prepared: 06/26/25 Analyzed: 06/26/25
Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	56-156			
Surrogate: n-Nonane	*54.4*		*50.0*		*109*	*61-141*			
Matrix Spike Dup (2526117-MSD1)				**Source: E506235-01**					Prepared: 06/26/25 Analyzed: 06/26/25
Diesel Range Organics (C10-C28)	303	25.0	250	ND	121	56-156	3.96	20	
Surrogate: n-Nonane	*52.8*		*50.0*		*106*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	6/27/2025 4:27:28PM

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 (2526106-BLK1)									Prepared: 06/26/25 Analyzed: 06/26/25
Chloride	ND	20.0							
LCS (2526106-BS1)									Prepared: 06/26/25 Analyzed: 06/26/25
Chloride	259	20.0	250		103	90-110			
Matrix Spike (2526106-MS1)				**Source: E506235-04**					Prepared: 06/26/25 Analyzed: 06/27/25
Chloride	1140	20.0	250	873	106	80-120			
Matrix Spike Dup (2526106-MSD1)				**Source: E506235-04**					Prepared: 06/26/25 Analyzed: 06/26/25
Chloride	1150	20.0	250	873	110	80-120	0.860	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:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	06/27/25 16:27

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State				
Client:	Hilcorp Energy Company	Company:	SAME	Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX	
Project Name:	Lunt FC 2	Address:	AS	E506235	17051-0002		X			X				
Project Manager:	Mitch Killough	City, State, Zip:	CLIENT											
Address:		Phone:												
City, State, Zip:		Email:												
Phone:		Miscellaneous:												
Email:	mkillough@hilcorp.com													

Sample Information								Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		SDWA	CWA	RCRA	Sample Temp	Remarks
0923	6/25/25	soil	one 4 oz	FS01		1	X	X	X		X							Compliance	Y	or N	4.9	
1029				PH01@0-0.5'		2												PWSID #			4.7	
1034				PH01@3'		3															5.0	
1037				PH01@6'		4															5.2	
1039				PH01@8'		5															4.6	
1111				FS04		6															4.8	
1119				SS03		7															4.7	
1125				SS04		8															4.9	
1139				SS06		9															5.1	
1203				SS07		10															5.3	

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

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

Sampled by: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	6/25/25	1400		6-25-25	1400

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

Lab Use Only

Received on ice: (Y) / N

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

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

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

Envirotech Analytical Laboratory

Printed: 6/25/2025 2:37:24PM

Sample Receipt Checklist (SRC)

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

Client:	Hilcorp Energy Co	Date Received:	06/25/25 14:00	Work Order ID:	E506235
Phone:	-	Date Logged In:	06/25/25 14:26	Logged In By:	Noe Soto
Email:	mkillough@hilcorp.com	Due Date:	06/27/25 17:00 (2 day TAT)		

Chain of Custody (COC)

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

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

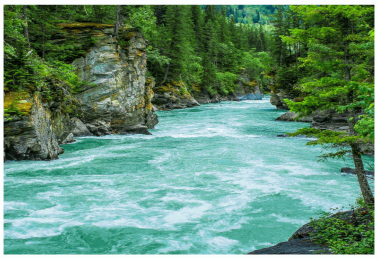
Signature of client authorizing changes to the COC or sample disposition.

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:	Lunt FC 2
Work Order:	E507339
Job Number:	17051-0002
Received:	7/29/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/5/25

Date Reported: 8/5/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: Lunt FC 2
Workorder: E507339
Date Received: 7/29/2025 4:48:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/29/2025 4:48:00PM, under the Project Name: Lunt FC 2.

The analytical test results summarized in this report with the Project Name: Lunt FC 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Laboratory Administrator
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Sample Summary

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	08/05/25 14:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS08	E507339-01A	Soil	07/28/25	07/29/25	Glass Jar, 2 oz.
SS09	E507339-02A	Soil	07/28/25	07/29/25	Glass Jar, 2 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	8/5/2025 2:02:49PM

SS08

E507339-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2531143
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	**0.0370**	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*07/31/25*	*08/04/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2531143
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.5 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: Toluene-d8		*102 %*	*70-130*	*07/31/25*	*08/04/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2531141
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		*84.4 %*	*61-141*	*07/31/25*	*08/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531159
Chloride	**72.2**	20.0	1	08/01/25	08/01/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	8/5/2025 2:02:49PM

SS09

E507339-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2531143
Benzene	ND	0.0250	1	07/31/25	08/04/25	
Ethylbenzene	ND	0.0250	1	07/31/25	08/04/25	
Toluene	ND	0.0250	1	07/31/25	08/04/25	
o-Xylene	ND	0.0250	1	07/31/25	08/04/25	
p,m-Xylene	ND	0.0500	1	07/31/25	08/04/25	
Total Xylenes	ND	0.0250	1	07/31/25	08/04/25	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/31/25*	*08/04/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2531143
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/31/25	08/04/25	
Surrogate: Bromofluorobenzene		*106 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*70-130*	*07/31/25*	*08/04/25*	
Surrogate: Toluene-d8		*103 %*	*70-130*	*07/31/25*	*08/04/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2531141
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/25	08/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/31/25	08/02/25	
Surrogate: n-Nonane		*86.3 %*	*61-141*	*07/31/25*	*08/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2531159
Chloride	**101**	20.0	1	08/01/25	08/01/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	8/5/2025 2:02:49PM

Volatile Organic Compounds by EPA 8260B

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 (2531143-BLK1)									Prepared: 07/31/25 Analyzed: 08/01/25
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: Bromofluorobenzene	*0.551*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS (2531143-BS1)									Prepared: 07/31/25 Analyzed: 08/01/25
Benzene	2.24	0.0250	2.50		89.6	70-130			
Ethylbenzene	2.22	0.0250	2.50		88.9	70-130			
Toluene	2.13	0.0250	2.50		85.4	70-130			
o-Xylene	2.18	0.0250	2.50		87.1	70-130			
p,m-Xylene	4.45	0.0500	5.00		89.0	70-130			
Total Xylenes	6.63	0.0250	7.50		88.4	70-130			
Surrogate: Bromofluorobenzene	*0.528*		*0.500*		*106*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.509*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.500*		*0.500*		*99.9*	*70-130*			
Matrix Spike (2531143-MS1)				**Source: E507333-46**					Prepared: 07/31/25 Analyzed: 08/01/25
Benzene	2.42	0.0250	2.50	ND	96.7	48-131			
Ethylbenzene	2.41	0.0250	2.50	ND	96.2	45-135			
Toluene	2.33	0.0250	2.50	ND	93.3	48-130			
o-Xylene	2.39	0.0250	2.50	ND	95.5	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.1	43-135			
Total Xylenes	7.29	0.0250	7.50	ND	97.3	43-135			
Surrogate: Bromofluorobenzene	*0.539*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.529*		*0.500*		*106*	*70-130*			
Surrogate: Toluene-d8	*0.503*		*0.500*		*101*	*70-130*			
Matrix Spike Dup (2531143-MSD1)				**Source: E507333-46**					Prepared: 07/31/25 Analyzed: 08/01/25
Benzene	2.63	0.0250	2.50	ND	105	48-131	8.48	23	
Ethylbenzene	2.61	0.0250	2.50	ND	105	45-135	8.31	27	
Toluene	2.51	0.0250	2.50	ND	100	48-130	7.41	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	7.50	27	
p,m-Xylene	5.28	0.0500	5.00	ND	106	43-135	7.35	27	
Total Xylenes	7.86	0.0250	7.50	ND	105	43-135	7.40	27	
Surrogate: Bromofluorobenzene	*0.541*		*0.500*		*108*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.514*		*0.500*		*103*	*70-130*			
Surrogate: Toluene-d8	*0.498*		*0.500*		*99.5*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	8/5/2025 2:02:49PM

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 (2531143-BLK1)									Prepared: 07/31/25 Analyzed: 08/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.551*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.508*		*0.500*		*102*	*70-130*			
Surrogate: Toluene-d8	*0.507*		*0.500*		*101*	*70-130*			
LCS (2531143-BS2)									Prepared: 07/31/25 Analyzed: 08/04/25
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0		113	70-130			
Surrogate: Bromofluorobenzene	*0.547*		*0.500*		*109*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.491*		*0.500*		*98.2*	*70-130*			
Surrogate: Toluene-d8	*0.525*		*0.500*		*105*	*70-130*			
Matrix Spike (2531143-MS2)				**Source: E507333-46**					Prepared: 07/31/25 Analyzed: 08/01/25
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130			
Surrogate: Bromofluorobenzene	*0.550*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.507*		*0.500*		*101*	*70-130*			
Surrogate: Toluene-d8	*0.515*		*0.500*		*103*	*70-130*			
Matrix Spike Dup (2531143-MSD2)				**Source: E507333-46**					Prepared: 07/31/25 Analyzed: 08/01/25
Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	70-130	1.25	20	
Surrogate: Bromofluorobenzene	*0.549*		*0.500*		*110*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.485*		*0.500*		*96.9*	*70-130*			
Surrogate: Toluene-d8	*0.516*		*0.500*		*103*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	8/5/2025 2:02:49PM

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 (2531141-BLK1)									Prepared: 07/31/25 Analyzed: 08/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*43.4*		*50.0*		*86.9*	*61-141*			
LCS (2531141-BS1)									Prepared: 07/31/25 Analyzed: 08/01/25
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	*43.8*		*50.0*		*87.7*	*61-141*			
Matrix Spike (2531141-MS1)				**Source: E507337-09**					Prepared: 07/31/25 Analyzed: 08/01/25
Diesel Range Organics (C10-C28)	559	25.0	250	315	97.7	56-156			
Surrogate: n-Nonane	*45.3*		*50.0*		*90.6*	*61-141*			
Matrix Spike Dup (2531141-MSD1)				**Source: E507337-09**					Prepared: 07/31/25 Analyzed: 08/01/25
Diesel Range Organics (C10-C28)	556	25.0	250	315	96.1	56-156	0.706	20	
Surrogate: n-Nonane	*44.4*		*50.0*		*88.8*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	8/5/2025 2:02:49PM

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 (2531159-BLK1)									Prepared: 08/01/25 Analyzed: 08/01/25
Chloride	ND	20.0							
LCS (2531159-BS1)									Prepared: 08/01/25 Analyzed: 08/01/25
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2531159-MS1)				**Source: E507339-02**					Prepared: 08/01/25 Analyzed: 08/01/25
Chloride	356	20.0	250	101	102	80-120			
Matrix Spike Dup (2531159-MSD1)				**Source: E507339-02**					Prepared: 08/01/25 Analyzed: 08/01/25
Chloride	408	20.0	250	101	123	80-120	13.4	20	M1

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

Definitions and Notes

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	08/05/25 14:02

M1	Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: Same as	Lab WO# E501339	1D 2D 3D Std	NM CO UT TX
Project Name: Lunt FC 2	Address: client	Job Number 17051-0002		NM
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method | **EPA Program**: SDWA | CWA | RCRA

Compliance Y or N

PWSID #

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
1326	07/28/25	soil	one 2 oz	S508		1	X	X	X		X					4.7	
1331	07/28/25	soil	one 2 oz	S509		2	X	X	X		X					4.5	

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

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

Sampled by: Osgood Froelich

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	7/29/25	1648	[signature]	7.29.25	1698
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

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

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

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

Envirotech Analytical Laboratory

Printed: 7/30/2025 11:57:28AM

Sample Receipt Checklist (SRC)

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

Client:	Hilcorp Energy Co	Date Received:	07/29/25 16:48	Work Order ID:	E507339
Phone:	-	Date Logged In:	07/30/25 11:55	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	08/05/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

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

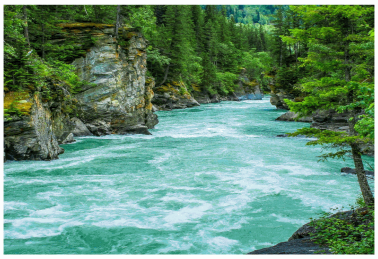
Signature of client authorizing changes to the COC or sample disposition.

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:	Lunt FC 2
Work Order:	E511261
Job Number:	17051-0002
Received:	11/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/25/25

Date Reported: 11/25/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: Lunt FC 2
Workorder: E511261
Date Received: 11/19/2025 10:38:00AM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/19/2025 10:38:00AM, under the Project Name: Lunt FC 2.

The analytical test results summarized in this report with the Project Name: Lunt FC 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/25 15:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 @ 8'	E511261-01A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
FS02 @ 8'	E511261-02A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
FS03 @ 8'	E511261-03A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
FS04 @ 7'	E511261-04A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
FS05 @ 8'	E511261-05A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
SW01 @ 0-8'	E511261-06A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
SW02 @ 0-8'	E511261-07A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
SW03 @ 0-8'	E511261-08A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
SW04 @ 0-7'	E511261-09A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
SW05 @ 0-7'	E511261-10A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
SW06 @ 0-8'	E511261-11A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
SW07 @ 0-8'	E511261-12A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.
FS06 @ 2'	E511261-13A	Soil	11/19/25	11/19/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

FS01 @ 8'

E511261-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.6 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*97.6 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**344**	20.0	1	11/19/25	11/19/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

FS02 @ 8'

E511261-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.3 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*107 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**247**	20.0	1	11/19/25	11/19/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

FS03 @ 8'

E511261-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.6 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*115 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**309**	20.0	1	11/19/25	11/19/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

FS04 @ 7'

E511261-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.4 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**417**	20.0	1	11/19/25	11/19/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

FS05 @ 8'

E511261-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.1 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*103 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**588**	20.0	1	11/19/25	11/19/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

SW01 @ 0-8'

E511261-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*98.2 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*95.1 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**4430**	40.0	2	11/19/25	11/19/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

SW02 @ 0-8'

E511261-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.4 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*102 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*95.6 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**1760**	20.0	1	11/19/25	11/19/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

SW03 @ 0-8'

E511261-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.2 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/20/25	
Surrogate: n-Nonane		*94.2 %*	*61-141*	*11/20/25*	*11/20/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**145**	20.0	1	11/19/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

SW04 @ 0-7'

E511261-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*99.9 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/21/25	
Surrogate: n-Nonane		*93.0 %*	*61-141*	*11/20/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**127**	20.0	1	11/19/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

SW05 @ 0-7'

E511261-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/21/25	
Surrogate: n-Nonane		*110 %*	*61-141*	*11/20/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**1760**	20.0	1	11/19/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

SW06 @ 0-8'

E511261-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/21/25	
Surrogate: n-Nonane		*97.2 %*	*61-141*	*11/20/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**157**	20.0	1	11/19/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

SW07 @ 0-8'

E511261-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*100 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/21/25	
Surrogate: n-Nonane		*94.6 %*	*61-141*	*11/20/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**440**	20.0	1	11/19/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

FS06 @ 2'

E511261-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Benzene	ND	0.0250	1	11/19/25	11/20/25	
Ethylbenzene	ND	0.0250	1	11/19/25	11/20/25	
Toluene	ND	0.0250	1	11/19/25	11/20/25	
o-Xylene	ND	0.0250	1	11/19/25	11/20/25	
p,m-Xylene	ND	0.0500	1	11/19/25	11/20/25	
Total Xylenes	ND	0.0250	1	11/19/25	11/20/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2547073
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/19/25	11/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*101 %*	*70-130*	*11/19/25*	*11/20/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547081
Diesel Range Organics (C10-C28)	ND	25.0	1	11/20/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/20/25	11/21/25	
Surrogate: n-Nonane		*94.2 %*	*61-141*	*11/20/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547078
Chloride	**120**	20.0	1	11/19/25	11/20/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

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 (2547073-BLK1)									Prepared: 11/19/25 Analyzed: 11/20/25
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	*7.93*		*8.00*		*99.1*	*70-130*			
LCS (2547073-BS1)									Prepared: 11/19/25 Analyzed: 11/20/25
Benzene	4.69	0.0250	5.00		93.7	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.8	70-130			
Toluene	4.61	0.0250	5.00		92.1	70-130			
o-Xylene	4.56	0.0250	5.00		91.2	70-130			
p,m-Xylene	9.12	0.0500	10.0		91.2	70-130			
Total Xylenes	13.7	0.0250	15.0		91.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.03*		*8.00*		*100*	*70-130*			
Matrix Spike (2547073-MS1)				**Source: E511261-06**					Prepared: 11/19/25 Analyzed: 11/20/25
Benzene	5.53	0.0250	5.00	ND	111	70-130			
Ethylbenzene	5.25	0.0250	5.00	ND	105	70-130			
Toluene	5.44	0.0250	5.00	ND	109	70-130			
o-Xylene	5.34	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.16*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2547073-MSD1)				**Source: E511261-06**					Prepared: 11/19/25 Analyzed: 11/20/25
Benzene	4.98	0.0250	5.00	ND	99.6	70-130	10.4	27	
Ethylbenzene	4.72	0.0250	5.00	ND	94.5	70-130	10.6	26	
Toluene	4.89	0.0250	5.00	ND	97.8	70-130	10.7	20	
o-Xylene	4.77	0.0250	5.00	ND	95.3	70-130	11.3	25	
p,m-Xylene	9.66	0.0500	10.0	ND	96.6	70-130	10.6	23	
Total Xylenes	14.4	0.0250	15.0	ND	96.2	70-130	10.8	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*100*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

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 (2547073-BLK1)									Prepared: 11/19/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.90*		*8.00*		*98.7*	*70-130*			
LCS (2547073-BS2)									Prepared: 11/19/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.38*		*8.00*		*105*	*70-130*			
Matrix Spike (2547073-MS2)				**Source: E511261-06**					Prepared: 11/19/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.12*		*8.00*		*102*	*70-130*			
Matrix Spike Dup (2547073-MSD2)				**Source: E511261-06**					Prepared: 11/19/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	8.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.47*		*8.00*		*106*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

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 (2547081-BLK1)									Prepared: 11/20/25 Analyzed: 11/20/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.1*		*50.0*		*92.2*	*61-141*			
LCS (2547081-BS1)									Prepared: 11/20/25 Analyzed: 11/20/25
Diesel Range Organics (C10-C28)	230	25.0	250		91.8	66-144			
Surrogate: n-Nonane	*43.6*		*50.0*		*87.1*	*61-141*			
Matrix Spike (2547081-MS1)				**Source: E511260-01**					Prepared: 11/20/25 Analyzed: 11/20/25
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	56-156			
Surrogate: n-Nonane	*46.1*		*50.0*		*92.2*	*61-141*			
Matrix Spike Dup (2547081-MSD1)				**Source: E511260-01**					Prepared: 11/20/25 Analyzed: 11/20/25
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.4	56-156	1.23	20	
Surrogate: n-Nonane	*45.6*		*50.0*		*91.1*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/2025 3:47:54PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547078-BLK1)									Prepared: 11/19/25 Analyzed: 11/19/25
Chloride	ND	20.0							
LCS (2547078-BS1)									Prepared: 11/19/25 Analyzed: 11/19/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2547078-MS1)				**Source: E511257-03**					Prepared: 11/19/25 Analyzed: 11/19/25
Chloride	459	20.0	250	201	103	80-120			
Matrix Spike Dup (2547078-MSD1)				**Source: E511257-03**					Prepared: 11/19/25 Analyzed: 11/19/25
Chloride	458	20.0	250	201	102	80-120	0.313	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:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/25/25 15:47

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

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E512161	1D 2D 3D Std	NM CO UT TX
Project Name: Lunt FC 2	Address: CLIENT	Job Number 17051.0002		
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Sample Information							Analysis and Method										EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			SDWA	CWA	RCRA
																	Compliance	Y	or N
																	PWSID #		
0821	11/19/25	soil	one, 4oz	FS01@8'		1	X	X	X		X						Remarks		
0823				FS02@8'		2											4.9		
0825				FS03@8'		3											4.8		
0827				FS04@7'		4											4.8		
0829				FS05@8'		5											4.6		
0830				SW01@0-8'		6											45		
0832				SW02@0-8'		7											4.2		
0834				SW03@0-8'		8											4.6		
0836				SW04@0-7'		9											4.7		
0838				SW05@0-7'		10											4.0		
																	4.5		

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

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	11/19/25	1035	Caitlin Mars	11.19.25	1038

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

Lab Use Only

Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C _____

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

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

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

envirotech

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E512161	Job Number 1705.0002	1D 2D 3D Std: Std
Project Name: Lunt FC2	Address: CLIENT			NM CO UT TX: NM
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method / **EPA Program**

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	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Remarks
0840	11/19/25	soil	one, 4oz	SW06 @ 0-8'		11	X	X	X		X				4.7
0842	11/19/25	soil	one, 4oz	SW07 @ 0-8'		12	X	X	X		X				4.6
0843	11/19/25	soil	one, 4oz	FS06 @ 2'		13	X	X	X		X				4.6

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

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	11/19/25	1035	[signature]	11.19.25	10:38

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.

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Envirotech Analytical Laboratory

Printed: 11/19/2025 11:24:06AM

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:	11/19/25 10:38	Work Order ID:	E511261
Phone:	-	Date Logged In:	11/19/25 11:22	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	11/26/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

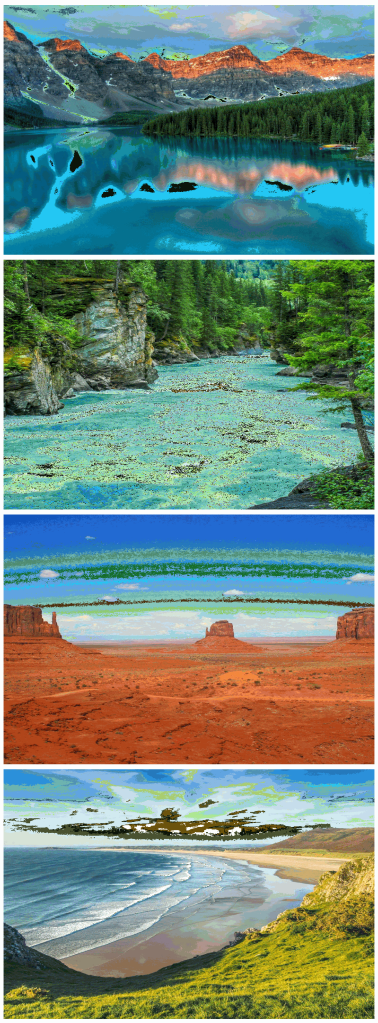
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Mitch Killough



5796 U.S. Hwy 64
Farmington, NM 87401

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

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Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	Lunt FC 2
Work Order:	E512101
Job Number:	17051-0002
Received:	12/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/12/25

Date Reported: 12/12/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: Lunt FC 2
Workorder: E512101
Date Received: 12/10/2025 12:50:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/10/2025 12:50:00PM, under the Project Name: Lunt FC 2.

The analytical test results summarized in this report with the Project Name: Lunt FC 2 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:

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

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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:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/25 12:18

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01A @ 0-8'	E512101-01A	Soil	12/10/25	12/10/25	Glass Jar, 4 oz.
SW02A @ 0-8'	E512101-02A	Soil	12/10/25	12/10/25	Glass Jar, 4 oz.
SW05A @ 0-7'	E512101-03A	Soil	12/10/25	12/10/25	Glass Jar, 4 oz.
FS07 @ 8'	E512101-04A	Soil	12/10/25	12/10/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

SW01A @ 0-8'

E512101-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Benzene	ND	0.0250	1	12/10/25	12/11/25	
Ethylbenzene	ND	0.0250	1	12/10/25	12/11/25	
Toluene	ND	0.0250	1	12/10/25	12/11/25	
o-Xylene	ND	0.0250	1	12/10/25	12/11/25	
p,m-Xylene	ND	0.0500	1	12/10/25	12/11/25	
Total Xylenes	ND	0.0250	1	12/10/25	12/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/10/25	12/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.4 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2550070
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/25	12/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/25	12/11/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*12/11/25*	*12/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2550064
Chloride	**127**	20.0	1	12/10/25	12/11/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

SW02A @ 0-8'

E512101-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Benzene	ND	0.0250	1	12/10/25	12/11/25	
Ethylbenzene	ND	0.0250	1	12/10/25	12/11/25	
Toluene	ND	0.0250	1	12/10/25	12/11/25	
o-Xylene	ND	0.0250	1	12/10/25	12/11/25	
p,m-Xylene	ND	0.0500	1	12/10/25	12/11/25	
Total Xylenes	ND	0.0250	1	12/10/25	12/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/10/25	12/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.3 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2550070
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/25	12/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/25	12/11/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*12/11/25*	*12/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2550064
Chloride	**210**	20.0	1	12/10/25	12/11/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

SW05A @ 0-7'

E512101-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Benzene	ND	0.0250	1	12/10/25	12/11/25	
Ethylbenzene	ND	0.0250	1	12/10/25	12/11/25	
Toluene	ND	0.0250	1	12/10/25	12/11/25	
o-Xylene	ND	0.0250	1	12/10/25	12/11/25	
p,m-Xylene	ND	0.0500	1	12/10/25	12/11/25	
Total Xylenes	ND	0.0250	1	12/10/25	12/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/10/25	12/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.9 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2550070
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/25	12/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/25	12/11/25	
Surrogate: n-Nonane		*99.8 %*	*61-141*	*12/11/25*	*12/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2550064
Chloride	**156**	20.0	1	12/10/25	12/11/25	

Sample Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

FS07 @ 8'

E512101-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Benzene	ND	0.0250	1	12/10/25	12/11/25	
Ethylbenzene	ND	0.0250	1	12/10/25	12/11/25	
Toluene	ND	0.0250	1	12/10/25	12/11/25	
o-Xylene	ND	0.0250	1	12/10/25	12/11/25	
p,m-Xylene	ND	0.0500	1	12/10/25	12/11/25	
Total Xylenes	ND	0.0250	1	12/10/25	12/11/25	
Surrogate: 4-Bromochlorobenzene-PID		*106 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB			Batch: 2550066
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/10/25	12/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*86.9 %*	*70-130*	*12/10/25*	*12/11/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2550070
Diesel Range Organics (C10-C28)	ND	25.0	1	12/11/25	12/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/11/25	12/11/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*12/11/25*	*12/11/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2550064
Chloride	**170**	20.0	1	12/10/25	12/11/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2550066-BLK1)									Prepared: 12/10/25 Analyzed: 12/11/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*8.42*		*8.00*		*105*	*70-130*			
LCS (2550066-BS1)									Prepared: 12/10/25 Analyzed: 12/11/25
Benzene	4.97	0.0250	5.00		99.4	70-130			
Ethylbenzene	4.80	0.0250	5.00		96.0	70-130			
Toluene	4.91	0.0250	5.00		98.1	70-130			
o-Xylene	4.85	0.0250	5.00		96.9	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.59*		*8.00*		*107*	*70-130*			
Matrix Spike (2550066-MS1)				**Source: E512099-09**					Prepared: 12/10/25 Analyzed: 12/11/25
Benzene	5.61	0.0250	5.00	0.0379	111	70-130			
Ethylbenzene	5.67	0.0250	5.00	0.538	103	70-130			
Toluene	5.68	0.0250	5.00	0.306	107	70-130			
o-Xylene	6.19	0.0250	5.00	0.848	107	70-130			
p,m-Xylene	12.1	0.0500	10.0	2.24	98.8	70-130			
Total Xylenes	18.3	0.0250	15.0	3.09	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.95*		*8.00*		*112*	*70-130*			
Matrix Spike Dup (2550066-MSD1)				**Source: E512099-09**					Prepared: 12/10/25 Analyzed: 12/11/25
Benzene	5.26	0.0250	5.00	0.0379	104	70-130	6.42	27	
Ethylbenzene	5.33	0.0250	5.00	0.538	95.8	70-130	6.16	26	
Toluene	5.34	0.0250	5.00	0.306	101	70-130	6.11	20	
o-Xylene	5.82	0.0250	5.00	0.848	99.5	70-130	6.00	25	
p,m-Xylene	11.4	0.0500	10.0	2.24	91.8	70-130	5.98	23	
Total Xylenes	17.2	0.0250	15.0	3.09	94.4	70-130	5.99	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.88*		*8.00*		*111*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2550066-BLK1)									Prepared: 12/10/25 Analyzed: 12/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.87*		*8.00*		*85.9*	*70-130*			
LCS (2550066-BS2)									Prepared: 12/10/25 Analyzed: 12/11/25
Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.93*		*8.00*		*86.7*	*70-130*			
Matrix Spike (2550066-MS2)				**Source: E512099-09**					Prepared: 12/10/25 Analyzed: 12/11/25
Gasoline Range Organics (C6-C10)	102	20.0	50.0	74.3	56.0	70-130			M2
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.45*		*8.00*		*93.1*	*70-130*			
Matrix Spike Dup (2550066-MSD2)				**Source: E512099-09**					Prepared: 12/10/25 Analyzed: 12/11/25
Gasoline Range Organics (C6-C10)	118	20.0	50.0	74.3	88.1	70-130	14.5	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.69*		*8.00*		*96.1*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

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 (2550070-BLK1)									Prepared: 12/11/25 Analyzed: 12/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.9*		*50.0*		*93.9*	*61-141*			
LCS (2550070-BS1)									Prepared: 12/11/25 Analyzed: 12/11/25
Diesel Range Organics (C10-C28)	253	25.0	250		101	66-144			
Surrogate: n-Nonane	*49.0*		*50.0*		*97.9*	*61-141*			
Matrix Spike (2550070-MS1)				**Source: E512103-01**					Prepared: 12/11/25 Analyzed: 12/11/25
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	*53.1*		*50.0*		*106*	*61-141*			
Matrix Spike Dup (2550070-MSD1)				**Source: E512103-01**					Prepared: 12/11/25 Analyzed: 12/11/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156	2.05	20	
Surrogate: n-Nonane	*52.1*		*50.0*		*104*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	Lunt FC 2	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/2025 12:18:48PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2550064-BLK1)									Prepared: 12/10/25 Analyzed: 12/10/25
Chloride	ND	20.0							
LCS (2550064-BS1)									Prepared: 12/10/25 Analyzed: 12/10/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2550064-MS1)				**Source: E512078-05**					Prepared: 12/10/25 Analyzed: 12/11/25
Chloride	443	20.0	250	242	80.2	80-120			
Matrix Spike Dup (2550064-MSD1)				**Source: E512078-05**					Prepared: 12/10/25 Analyzed: 12/11/25
Chloride	397	20.0	250	242	62.0	80-120	10.8	20	M2

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:	Lunt FC 2	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	12/12/25 12:18

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E512101	Job Number 17051.0002	1D ☒ 2D 3D Std
Project Name: Lint Fed 2	Address: CLIENT		Next Day	NM ☒ CO UT TX
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: mkillough@hilcorp.com				

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Remarks
1117	12/10/25	soil	one, 4oz	SW01A @ 0-8'		1	X	X	X		X				3.6
1119	12/10/25	soil	one, 4oz	SW02A @ 0-8'		2	X	X	X		X				4.0
1122	12/10/25	soil	one, 4oz	SW05A @ 0-7'		3	X	X	X		X				3.8
1124	12/10/25	soil	one, 4oz	FS07 @ 8'		4	X	X	X		X				3.5

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

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	12/10/25	1250	Nor Soto	12-10-25	1250
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

T1 _____ T2 _____ T3 _____

AVG Temp °C _____

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 12/10/2025 1:03:16PM

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:	12/10/25 12:50	Work Order ID:	E512101
Phone:	-	Date Logged In:	12/10/25 13:01	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	12/11/25 17:00 (1 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

ENSOLUM

APPENDIX D

Agency Correspondence

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 526698
Date: Friday, November 14, 2025 2:00:09 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#) nAPP2516928804.

The sampling event is expected to take place:

When: 11/19/2025 @ 08:15
Where: M-05-30N-13W 745 FSL 1155 FWL (36.837013,-108.232498)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Lunt FC 2 well pad, coordinates, 36.83720, -108.23294

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: 531612
Date: Friday, December 5, 2025 8:58:15 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#) nAPP2516928804.

The sampling event is expected to take place:

When: 12/10/2025 @ 11:00
Where: M-05-30N-13W 745 FSL 1155 FWL (36.837013,-108.232498)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Lunt FC 2 well pad, coordinates, 36.83720, -108.23294

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: Rodgers, Scott, EMNRD
To: Stuart Hyde
Cc: Mitch Killough; Wes Weichert
Subject: RE: [EXTERNAL] nAPP2516928804 - Lunt FC 2 Extension Request
Date: Friday, September 12, 2025 8:01:21 AM
Attachments: image006.png
image007.png
image008.png

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to December 12, 2025 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

If you have any questions, please contact me via email at your convenience.

Thank you,
Scott

Scott Rodgers ● Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Stuart Hyde <shyde@ensolum.com>
Sent: Thursday, September 11, 2025 2:32 PM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Cc: Mitch Killough <mkillough@hilcorp.com>; Wes Weichert <wweichert@ensolum.com>
Subject: [EXTERNAL] nAPP2516928804 - Lunt FC 2 Extension Request

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

Scott,

On behalf of Hilcorp Energy Company, we are submitting this extension request for the Lunt FC 2 site located in San Juan, County. At this time, we have conducted soil sampling at the Site and have successfully delineated the release. As such, we are requesting a 90-day extension to the September 15, 2025 reporting deadline. If approved, the new deadline would be Friday December 12, 2025.

Please reach out with any questions. Thanks.

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

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

From: Rodgers, Scott, EMNRD
To: Stuart Hyde
Cc: Mitch Killough; Harper Peck
Subject: RE: [EXTERNAL] nAPP2516928804 - Lunt FC 2 Extension Request
Date: Thursday, December 11, 2025 4:08:10 PM
Attachments: image006.png
image007.png
image008.png

[**EXTERNAL EMAIL**]

Your time extension request is approved. Remediation Due date has been updated to January 9, 2026 within the incident page. Ensure that the site characterization/assessment report has been completed and is provided within the final closure report.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

If you have any questions, please contact me via email at your convenience.

Thank you,
Scott

Scott Rodgers ● Environmental Specialist – Adv.
Environmental Bureau
EMNRD - Oil Conservation Division
5200 Oakland NE, Suite B | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Stuart Hyde <shyde@ensolum.com>
Sent: Thursday, December 11, 2025 2:12 PM
To: Rodgers, Scott, EMNRD <Scott.Rodgers@emnrd.nm.gov>
Cc: Mitch Killough <mkillough@hilcorp.com>; Harper Peck <hpeck@ensolum.com>
Subject: [EXTERNAL] nAPP2516928804 - Lunt FC 2 Extension Request

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Scott,

On behalf of Hilcorp Energy Company, we are submitting this extension request for the Lunt FC 2 site located in San Juan, County. Several rounds of sampling and additional excavation were required to remove all impacts from the site, but we received final results 5 minutes ago indicating that all floors and sidewalls are now compliant with the NMOCD Table I closure criteria. As such, we are requesting a 28-day extension to the December 12, 2025 reporting deadline in order to finalize the report and submit. If approved, the final deadline would be Friday January 9, 2026.

Please reach out with any questions. Thanks and Happy Holidays.

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 540554

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 540554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2516928804**
Incident Name	**NAPP2516928804 LUNT FC 2 @ 30-045-34037**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-045-34037] LUNT FC #002**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	LUNT FC 2
Date Release Discovered	06/17/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 179 BBL | Recovered: 175 BBL | Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On 6/17/2025 at 10:50 am (MT), a lease operator discovered a leaking below-grade water pipeline (due to corrosion) while on location for a routine visit. Upon discovery, the operator shut in the line, contacted the Pipeline group, and called in a water truck immediately, which was able to recover 175 bbls produced water from the surface. Approximately 3.7 bbls of fluid could not be recovered. All released fluids migrated to surface and remained inside the pit tank secondary containment. The pipeline has been isolated and flagged for a One Call. Primary cause is corrosion, but still determining if external or internal. Any corrective actions are TBD until the One Call clears.

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 540554
	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: 01/06/2026

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 540554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	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 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 500 and 1000 (ft.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 500 and 1000 (ft.)
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)	2140
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.1
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		10/29/2025
On what date will (or did) the final sampling or liner inspection occur		12/10/2025
On what date will (or was) the remediation complete(d)		12/10/2025
What is the estimated surface area (in square feet) that will be reclaimed		0
What is the estimated volume (in cubic yards) that will be reclaimed		0
What is the estimated surface area (in square feet) that will be remediated		970
What is the estimated volume (in cubic yards) that will be remediated		290
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

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	Action Number: 540554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112336756 ENVIROTECH LANDFARM #2
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 01/06/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 540554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 540554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**531612**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**12/10/2025**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**600**

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	970
What was the total volume (cubic yards) remediated	290
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Not Applicable

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 01/06/2026

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 540554
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 540554

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 540554
	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".	2/25/2026