

September 2, 2025

New Mexico Oil Conservation Division

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

Re: Remediation Report and Closure Request

Moore LS 6B Incident Number: nAPP2206056316 San Juan County, New Mexico Hilcorp Energy Company

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* for the Moore LS 6B natural gas production well (Site). The Site is located on private land in Section 25, Township 32 North, Range 12 West in San Juan County, New Mexico (Figure 1). This report describes the excavation and confirmation soil sampling activities performed at the Site to remediate impacted soil originating from a condensate release.

SITE BACKGROUND

On February 14, 2022, Hilcorp discovered two bullet holes in the 268-barrel (bbl) condensate aboveground storage tank (AST) located within a bermed secondary containment at the Site (Figure 2). Based on tank-gauging data and the volume of fluid remaining in the tank, approximately 42 bbls of condensate were released from the tank and remained within the limits of the earthen secondary containment berm on the production pad. No fluids were recovered from the release. The initial footprint of visibly impacted soil was approximately 40 feet by 25 feet in lateral extent. Hilcorp provided verbal notification to the New Mexico Oil Conservation Division (NMOCD) on February 15, 2022, and submitted the initial C-141 on March 1, 2022.

Following the discovery of the release, Ensolum performed delineation activities at the Site to assess the vertical and lateral extent of impacts. Details regarding the delineation activities were provided in the *Site Characterization Report and Remediation Work Plan* prepared by Ensolum and dated July 8, 2022. Based on the Site characterization information presented in the July 8, 2022 report, the following Closure Criteria were applied based on the *Table I, Closure Criteria for Soils Impacted by a Release* presented in Title 19, Chapter 15, Part 29, Subpart 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC):

- Chloride: 10,000 milligrams per kilogram (mg/kg)
- Total Petroleum Hydrocarbons (TPH) as a combination of gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO): 2,500 mg/kg

- TPH-GRO + TPH-DRO: 1,000 mg/kg
- A combination of benzene, toluene, ethylbenzene, and xylenes (BTEX): 50 mg/kg

Benzene: 10 mg/kg

2025 SITE REMEDIATION AND SOIL SAMPLING ACTIVITIES

As presented in Ensolum's 2024 Updated Remediation Work Plan, dated June 24, 2025, Hilcorp proposed to remediate impacted Site soil through the operation of a small landfarm located at the Site. With approval from the landowner and the NMOCD Permitting Group, the small landfarm was constructed in accordance with 19.15.36 NMAC. Once constructed, impacted soil was excavated and placed into the small landfarm for treatment. During excavation activities, Ensolum personnel field screened soil for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID) until field screening indicated impacted soil had been removed from the excavation.

Initial confirmation soil samples of the excavation floor and sidewalls were collected on May 13, 2025. Five-point composite soil samples were collected from the floor and sidewalls of the excavation at a frequency of one sample for every 200 square feet (sidewalls samples SW01 through SW15 and floor samples FS01 through FS09). Additionally, two discrete grab soil samples were collected from wet and/or discolored soil in the excavation sidewall (DS01 and DS02). The five-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. As approved by the NMOCD (Appendix B), soil samples were submitted to Envirotech Analytical Laboratory (Envirotech) and only analyzed for TPH following United States Environmental Protection Agency (EPA) Method 8015M/D and BTEX following EPA Method 8021B during confirmation sampling.

Analytical results from the May 13, 2025, sampling event indicated concentrations of TPH and BTEX were compliant with NMOCD Table I Closure Criteria and the reclamation requirement in all confirmation samples with the exception of samples SW06, SW14, SW15, and DS02. Because of the exceedances, additional soil was removed from the southwest side of the excavation. Based on impacts observed as additional soil was removed, a pothole was advanced in the center of the impacted soil and two additional discrete grab samples were collected on May 27 and May 28, 2025, at DS-3 and DS-4, respectively. Results confirmed the excavation needed to be advanced to depths below 20 feet below ground surface (bgs). As such, GEOMAT, Inc. developed a *Remediation Dig Excavation Plan* in order to safely remove soils at depths greater than 20 feet bgs.

Based on the analytical results from samples DS-3 and DS-4, the excavation was advanced to 30 feet bgs in the area of these samples to remove additional impacted soil. The excavation extent is shown on Figure 2 and the deeper excavation to 30 feet is indicated on the figure as the "inner excavation". On July 3, 2025, Ensolum was on-Site to field screen soil using a PID. Once field screening indicated impacted soil was removed, additional five-point composite soil samples were collected from the floor (FS10 through FS13) and sidewalls (SW16 through SW18 and SS01 through SS08) of the excavation at a frequency not exceeding one sample per 200 square feet. The soil samples were submitted to Envirotech for analysis of TPH and BTEX using the methods described above.

Analytical results from the final excavation extent indicated concentrations of TPH and BTEX were compliant with NMOCD Table I Closure Criteria and the reclamation requirement (in soils within the top 4 feet bgs) in all confirmation samples. In total, approximately 850 cubic yards of impacted soil was removed and treated in the Site small landfarm. Soil sample results are summarized in Table 1, with complete laboratory analytical reports attached as Appendix A. Sampling notifications provided to the NMOCD are attached as Appendix B. Photographs of the final



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excavation extent, taken by Ensolum once excavation work was complete, are presented in Appendix C.

LANDFARM OPERATION, SAMPLING, AND RESULTS

As approved by the NMOCD, impacted soils were treated in an on-Site small landfarm. Impacted soils were spread across an area of approximately 40,000 square feet in a thickness not exceeding 8 inches. The landfarm soils were disked at least once per month. Once field screening indicated soils had likely been successfully treated, and based on the NMOCD conditions of approval provided in an email dated June 17, 2025, treatment zone soils were sampled at a frequency of one composite soil sample for every 50 cubic yards of treated soil. Based on the size of the small landfarm (40,000 square feet) and the depth of treatment zone soils (8 inches), soil samples were collected at a frequency of one 5-point composite sample for every 2,000 square feet

A total of 20 composite samples were collected from treatment zone soils on August 20, 2025, in the same manner as described above. Samples were submitted to Envirotech for laboratory analysis of TPH, BTEX, and chloride. Analytical results indicate all landfarm samples were compliant with the Small Landfarm Closure Performance Standards presented in 19.15.36.16.E NMAC. Results are summarized in Table 2, with complete laboratory reports included in Appendix D.

Because all landfarm closure samples were compliant with the applicable small landfarm closure standards and NMOCD Table I Closure Criteria, treated soil will be used to backfill the open excavation. Landfarm sampling areas with soil concentrations exceeding the reclamation requirement will be used for backfill at depths greater than 4 feet bgs in the excavation.

CLOSURE REQUEST

Site excavation and sampling activities were conducted at the Site to address the release discovered on February 14, 2022, at the Site. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all contaminants of concern (COCs) concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Confirmation sampling of soil within the landfarm has verified COCs have been effectively remediated through volatilization, photo-oxidation, and microbial degradation and the soil is available for backfill material within the excavation. Based excavation and treatment of impacted soil on-Site, remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2206056316.

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

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

shyde@ensolum.com dmoir@ensolum.com

Daniel R. Moir, PG (licensed in WY & TX) Senior Managing Geologist (303) 887-2946



Hilcorp Energy Company Remediation Report and Closure Request Moore LS 6B

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Attachments:

Figure 1: Site Location Map

Figure 2: Excavation Soil Sample Locations

Table 1: Excavation Soil Sample Analytical Results

Table 2: Small Landfarm Closure Soil Sample Analytical Results

Appendix A: Excavation Soil Laboratory Analytical Reports

Appendix B: Agency Correspondence

Appendix C: Photographic Log

Appendix D: Small Landfarm Closure Soil Sample Laboratory Analytical Reports

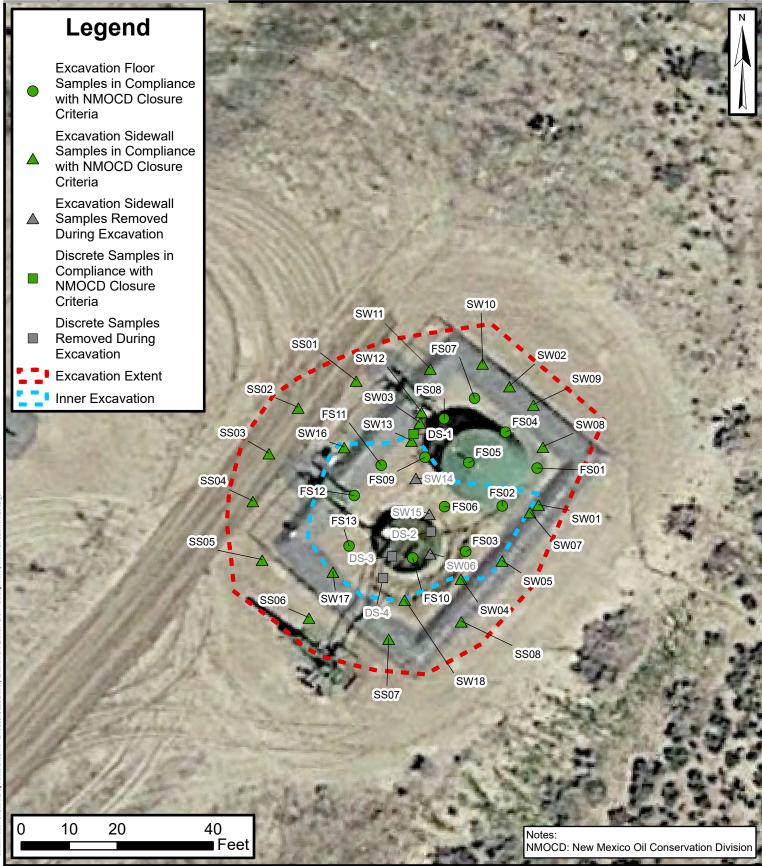


FIGURES



Site Location Map

Moore LS 6B Hilcorp Energy Company 36.951020, -108.045799 San Juan County, New Mexico **FIGURE**





Excavation Soil Sample Locations

Moore LS 6B Hilcorp Energy Company 36.951020, -108.045799 San Juan County, New Mexico FIGURE

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TABLE

ENSOLUM

					EXCAVATIO	TABL N SOIL SAMPLE Moore L	ANALYTICA	AL RESULTS					
						Hilcorp Energ San Juan County	y Company						
Sample Identification	Date	Depth (feet bgs)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)
NMOCD Closure	Criteria for Soils Release	Impacted by a	NE	10	NE	NE	NE	50	NE	NE	NE	1,000	2,500
						Confirmation FI	oor Samples						
FS01	5/13/2025	19'-20'	958	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS02	5/13/2025	19'-20'	744	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS03	5/13/2025	19'-20'	1618	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS04	5/13/2025	19'-20'	367	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS05	5/13/2025	19'-20'	1,079	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS06 FS07	5/13/2025 5/13/2025	19'-20' 19'-20'	1,341 1,222	<0.0250 <0.0250	<0.0250 <0.0250	<0.0250 <0.0250	<0.0250 0.0820	<0.0250 0.0820	<20.0 <20.0	<25.0 <25.0	<50.0 <50.0	<25.0 <25.0	<50.0 <50.0
FS07 FS08	5/13/2025	19'-20'	1,222	<0.0250	<0.0250	<0.0250	0.0820	0.0820	<20.0	<25.0 <25.0	<50.0 <50.0	<25.0 <25.0	<50.0 <50.0
FS09	5/13/2025	19'-20'	769	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0 <25.0	<50.0 <50.0	<25.0	<50.0 <50.0
FS10	7/3/2025	28'		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	105	<50.0	105	105
FS11	7/3/2025	30'		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS12	7/3/2025	30'		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
FS13	7/3/2025	30'		< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
1010	77672020	00		10.0200	10.0200	Confirmation Sid	0.000	10.10200	120.0	20.0	.00.0	20.0	.00.0
SW01	5/13/2025	0'-4'	14.6	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW02	5/13/2025	0'-4'	238	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW03	5/13/2025	0'-4'	166	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW04	5/13/2025	4'-20'	84.6	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW05	5/13/2025	4'-20'	166	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW06	5/13/2025	4'-20'	1,678	<0.0250	1.24	0.613	9.27	11.1	126	113	≤50.0	239	239
SW07	5/13/2025	4'-20'	373	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW08	5/13/2025	4'-20'	168	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW09	5/13/2025	4'-20'	247	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW10	5/13/2025	4'-20'	426	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW11	5/13/2025	4'-20'	311	< 0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW12	5/13/2025	4'-20'	1,213	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW13	5/13/2025	4'-20'	1,008	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW14	5/13/2025	4'-20'	1,469	<0.0250	16.2	8.86	137	162	1900	1070	<50.0	2,970	2,970
SW15	5/13/2025	4'-20'		0.167	15.3 -0.0350	8.48	124	148	1590	1100 125.0	<50.0 <50.0	2,690	2,690
SW16	7/3/2025	25'-30'	-	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SW17 SW18	7/3/2025 7/3/2025	22'-30' 20'-30'		<0.0250 <0.0250	<0.0250 <0.0250	<0.0250 0.0387	<0.0250 0.608	<0.0250 0.647	<20.0 <20.0	<25.0 99.8	<50.0 <50.0	<25.0 99.8	<50.0 99.8
SW18 SS01	7/3/2025	0'-25'		<0.0250	<0.0250	0.0387	<0.0250	0.0256	<20.0	99.8 <25.0	<50.0 <50.0	99.8 <25.0	99.8 <50.0
SS02	7/3/2025	0'-25'		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SS02 SS03	7/3/2025	0'-25'		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SS04	7/3/2025	0'-25'		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
SS05	7/3/2025	0'-22'		<0.0250	0.0282	0.0336	<0.0250	0.0618	<20.0	<25.0	<50.0	<25.0	<50.0
SS06	7/3/2025	0'-22'		<0.0250	0.0274	<0.0250	<0.0250	0.0274	<20.0	<25.0	<50.0	<25.0	<50.0
SS07	7/3/2025	0'-20'	_	<0.0250	0.0847	<0.0250	<0.0250	0.0847	<20.0	<25.0	<50.0	<25.0	<50.0
SS08	7/3/2025	0'-18'	_	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
						Discrete Gral	Samples						
DS01	5/13/2025	2'	68.4	< 0.0250	< 0.0250	< 0.0250	< 0.0250	< 0.0250	<20.0	<25.0	<50.0	<25.0	<50.0
DS02	5/13/2025	3!	18.72	<0.125	5.15	2.78	77.5	85.4	1,110	696	< 50.0	1,806	1,806
DS-3	5/27/2025	19'	1,960	<1.25	56.8	19.6	287	363	3,090	1,750	< 50.0	4,840	4,840
DS-4	5/28/2025	28'	2,287	5.80	168	37.3	501	712	3,760	1,770	≤50.0	5,530	5,530

Notes: bgs: Below ground surface BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes mg/kg: Milligrams per kilogram NE: Not Established NMOCD: New Mexico Oil Conservation Division

PID: Photoionization detector

Grey and strikethrough text represents samples that have been excavated

GRO: Gasoline Range Organics DRO: Diesel Range Organics MRO: Motor Oil/Lube Oil Range Organics TPH: Total Petroleum Hydrocarbon

': Feet

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

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

Ensolum 1 of 1



TABLE 2 SMALL LANDFARM CLOSURE SOIL SAMPLE ANALYTICAL RESULTS Moore LS 6B Hillcorp Energy Company

						San Juan, N	ew 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)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Small L	andfarm Closure Standards	Performance	0.2	NE	NE	NE	50	NE	NE	NE	500	2,500	500
CS01	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	< 0.0500	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
CS02	8/20/2025	0 - 0.5	<0.0250	<0.0250	< 0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
CS03	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
CS04	8/20/2025	0 - 0.5	<0.0250	<0.0250	< 0.0250	<0.0500	<0.0500	<20.0	34.7	<50.0	34.7	34.7	<20.0
CS05	8/20/2025	0 - 0.5	< 0.0250	< 0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	28.3	<50.0	28.3	28.3	<20.0
CS06	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	62.0	<50.0	62.0	62.0	<20.0
CS07	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	<0.0500	<0.0500	<20.0	87.6	<50.0	87.6	87.6	<20.0
CS08	8/20/2025	0 - 0.5	< 0.0250	< 0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	56.8	<50.0	56.8	56.8	<20.0
CS09	8/20/2025	0 - 0.5	< 0.0250	< 0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	41.9	<50.0	41.9	41.9	<20.0
CS10	8/20/2025	0 - 0.5	<0.0250	<0.0250	< 0.0250	<0.0500	<0.0500	<20.0	78.7	<50.0	78.7	78.7	<20.0
CS11	8/20/2025	0 - 0.5	< 0.0250	< 0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	182	<50.0	182	182	<20.0
CS12	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	215	<50.0	215	215	<20.0
CS13	8/20/2025	0 - 0.5	<0.0250	<0.0250	< 0.0250	<0.0500	<0.0500	<20.0	175	<50.0	175	175	<20.0
CS14	8/20/2025	0 - 0.5	< 0.0250	< 0.0250	< 0.0250	<0.0500	< 0.0500	<20.0	29.3	<50.0	29.3	29.3	<20.0
CS15	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	< 0.0500	<0.0500	<20.0	69.1	<50.0	69.1	69.1	<20.0
CS16	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	< 0.0500	< 0.0500	<20.0	30.4	<50.0	30.4	30.4	<20.0
CS17	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	0.701	0.701	34.2	99.7	<50.0	134	134	<20.0
CS18	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	< 0.0500	<0.0500	<20.0	79.5	<50.0	79.5	79.5	<20.0
CS19	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	< 0.0500	<0.0500	<20.0	53.7	<50.0	53.7	53.7	<20.0
CS20	8/20/2025	0 - 0.5	< 0.0250	<0.0250	< 0.0250	< 0.0500	<0.0500	<20.0	79.6	<50.0	79.6	79.6	<20.0

Notes:

bgs: Below ground surface BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes mg/kg: Milligrams per kilogram NE: Not Established NMOCD: New Mexico Oil Conservation Division

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics MRO: Motor Oil/Lube Oil Range Organics TPH: Total Petroleum Hydrocarbon

': Feet



APPENDIX A

Excavation Soil Laboratory Analytical Results

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: Moore LS B6

Work Order: E505148

Job Number: 17051-0002

Received: 5/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/21/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 5/21/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: Moore LS B6

Workorder: E505148

Date Received: 5/13/2025 2:25:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/13/2025 2:25:00PM, under the Project Name: Moore LS B6.

The analytical test results summarized in this report with the Project Name: Moore LS B6 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Hilcorp Energy Co	Project Name:	Moore LS B6	Reported:
PO Box 61529	Project Number:	17051-0002	Keporteu:
Houston TX, 77208	Project Manager:	Mitch Killough	05/21/25 11:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01	E505148-01A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW02	E505148-02A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW03	E505148-03A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW04	E505148-04A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW05	E505148-05A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW06	E505148-06A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW07	E505148-07A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW08	E505148-08A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW09	E505148-09A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW10	E505148-10A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW11	E505148-11A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW12	E505148-12A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW13	E505148-13A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW14	E505148-14A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
SW15	E505148-15A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS01	E505148-16A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS02	E505148-17A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS03	E505148-18A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS04	E505148-19A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS05	E505148-20A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS06	E505148-21A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS07	E505148-22A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS08	E505148-23A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
FS09	E505148-24A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
DS01	E505148-25A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.
DS02	E505148-26A	Soil	05/13/25	05/13/25	Glass Jar, 4 oz.



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		104 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: RAS		Batch: 2520063
	ND	20.0		05/14/25	05/15/25	

Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		108 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2520063
· · · · · · · · · · · · · · · · · · ·	ND	20.0		05/14/25	05/15/25	



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW03

	Reporting	·			
Result	Limit	Dilutio	n Prepared	Analyzed	Notes
mg/kg	mg/kg	An	alyst: BA		Batch: 2520062
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
ND	0.0500	1	05/13/25	05/15/25	
ND	0.0250	1	05/13/25	05/15/25	
	107 %	70-130	05/13/25	05/15/25	
mg/kg	mg/kg	An	alyst: BA		Batch: 2520062
ND	20.0	1	05/13/25	05/15/25	
	85.0 %	70-130	05/13/25	05/15/25	
mg/kg	mg/kg	An	alyst: KH		Batch: 2520059
ND	25.0	1	05/13/25	05/14/25	
			05/12/25	05/14/05	
ND	50.0	1	05/13/25	05/14/25	
ND	50.0 104 %	61-141	05/13/25	05/14/25	
ND mg/kg					Batch: 2520063
	mg/kg ND MD ND Mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 107 % mg/kg mg/kg ND 20.0 85.0 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 Mg/kg mg/kg An ND 20.0 1 85.0 % 70-130 mg/kg mg/kg An	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 05/13/25 ND 0.0250 1 05/13/25 ND 0.0250 1 05/13/25 ND 0.0250 1 05/13/25 ND 0.0500 1 05/13/25 ND 0.0250 1 05/13/25 mg/kg 70-130 05/13/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/13/25 mg/kg mg/kg Analyst: KH	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 05/13/25 05/15/25 ND 0.0500 1 05/13/25 05/15/25 ND 0.0250 1 05/13/25 05/15/25 mg/kg mg/kg Analyst: BA ND 20.0 1 05/13/25 05/15/25 mg/kg mg/kg Analyst: BA mg/kg mg/kg Analyst: KH



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		103 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.5 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2520063
	ND	20.0		05/14/25	05/15/25	<u> </u>



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW06

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	0.613	0.0250	1	05/13/25	05/15/25	
Toluene	1.24	0.0250	1	05/13/25	05/15/25	
o-Xylene	1.87	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	7.41	0.0500	1	05/13/25	05/15/25	
Total Xylenes	9.27	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	126	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		120 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	113	25.0	1	05/13/25	05/14/25	Т9
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		123 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



Hilcorp Energy Co	Project Name:	Moore LS B6	
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Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW07

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.8 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		109 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.8 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		103 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2520063
	ND	20.0		05/14/25	05/15/25	



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		109 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	29.7	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		125 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	-



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

SW10

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.3 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		101 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	•



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SW11

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.8 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		101 %	61-141	05/13/25	05/15/25	
		mg/kg	Analy	rst: RAS		Batch: 2520063
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1 11141)			Battern: 2020000



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SW12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.0 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		101 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



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SW13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		108 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2520063
	ND	20.0		05/14/25	05/15/25	



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SW14

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2520062
Benzene	ND	0.250	10	05/13/25	05/15/25	
Ethylbenzene	8.86	0.250	10	05/13/25	05/15/25	
Toluene	16.2	0.250	10	05/13/25	05/15/25	
o-Xylene	27.7	0.250	10	05/13/25	05/15/25	
p,m-Xylene	109	0.500	10	05/13/25	05/15/25	
Total Xylenes	137	0.250	10	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		197 %	70-130	05/13/25	05/15/25	S5
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	1900	200	10	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		285 %	70-130	05/13/25	05/15/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	1070	25.0	1	05/13/25	05/15/25	Т9
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		394 %	61-141	05/13/25	05/15/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: RAS		Batch: 2520063
		20.0	1	05/14/25	05/15/25	
Chloride	ND	20.0	1	05/14/25	05/15/25	



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SW15

		Damati				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA	<u> </u>	Batch: 2520062
Benzene	0.167	0.125	5	05/13/25	05/21/25	
Ethylbenzene	8.48	0.125	5	05/13/25	05/21/25	
Toluene	15.3	0.125	5	05/13/25	05/21/25	
o-Xylene	25.2	0.125	5	05/13/25	05/21/25	
p,m-Xylene	98.8	0.250	5	05/13/25	05/21/25	
Total Xylenes	124	0.125	5	05/13/25	05/21/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/13/25	05/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	1590	100	5	05/13/25	05/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		157 %	70-130	05/13/25	05/21/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	1100	25.0	1	05/13/25	05/15/25	Т9
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		414 %	61-141	05/13/25	05/15/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: RAS		Batch: 2520063



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FS01

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/21/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/21/25	
Toluene	ND	0.0250	1	05/13/25	05/21/25	
o-Xylene	ND	0.0250	1	05/13/25	05/21/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/21/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/21/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	05/13/25	05/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	05/13/25	05/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		103 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



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FS02

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		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		97.3 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.7 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		105 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



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FS03

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.3 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		107 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



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FS04

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.9 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		106 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2520063
· · · · · · · · · · · · · · · · · · ·	ND	20.0		05/14/25	05/15/25	



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FS05

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2520062
Benzene	ND	0.0250	1	05/13/25	05/15/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/15/25	
Toluene	ND	0.0250	1	05/13/25	05/15/25	
o-Xylene	ND	0.0250	1	05/13/25	05/15/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/15/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/15/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2520062
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/15/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.7 %	70-130	05/13/25	05/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KH		Batch: 2520059
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/15/25	
Surrogate: n-Nonane		98.3 %	61-141	05/13/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: RAS		Batch: 2520063
Chloride	ND	20.0	1	05/14/25	05/15/25	



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520045
Benzene	ND	0.0250	1	05/13/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/14/25	
Toluene	ND	0.0250	1	05/13/25	05/14/25	
o-Xylene	ND	0.0250	1	05/13/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		83.4 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520045
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2520060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		102 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2520057



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520045
Benzene	ND	0.0250	1	05/13/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/14/25	
Toluene	ND	0.0250	1	05/13/25	05/14/25	
o-Xylene	0.0261	0.0250	1	05/13/25	05/14/25	
p,m-Xylene	0.0560	0.0500	1	05/13/25	05/14/25	
Total Xylenes	0.0820	0.0250	1	05/13/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2520045
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		102 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2520060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		105 %	61-141	05/13/25	05/14/25	
A L EDA 200 0/005/A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2520057
Anions by EPA 300.0/9056A						



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

FS08

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520045
Benzene	ND	0.0250	1	05/13/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/14/25	
Toluene	ND	0.0250	1	05/13/25	05/14/25	
o-Xylene	ND	0.0250	1	05/13/25	05/14/25	
p,m-Xylene	0.0685	0.0500	1	05/13/25	05/14/25	
Total Xylenes	0.0685	0.0250	1	05/13/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520045
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.9 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2520060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		101 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2520057



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

FS09

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2520045
Benzene	ND	0.0250	1	05/13/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/14/25	
Toluene	ND	0.0250	1	05/13/25	05/14/25	
o-Xylene	ND	0.0250	1	05/13/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2520045
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		98.2 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: HM		Batch: 2520060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/14/25	
Surrogate: n-Nonane		99.9 %	61-141	05/13/25	05/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2520057
· · · · · · · · · · · · · · · · · · ·	ND	20.0		05/13/25	05/14/25	·



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

DS01

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520045
Benzene	ND	0.0250	1	05/13/25	05/14/25	
Ethylbenzene	ND	0.0250	1	05/13/25	05/14/25	
Toluene	ND	0.0250	1	05/13/25	05/14/25	
o-Xylene	ND	0.0250	1	05/13/25	05/14/25	
p,m-Xylene	ND	0.0500	1	05/13/25	05/14/25	
Total Xylenes	ND	0.0250	1	05/13/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2520045
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/13/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: HM		Batch: 2520060
Diesel Range Organics (C10-C28)	ND	25.0	1	05/13/25	05/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/13/25	
Surrogate: n-Nonane		99.2 %	61-141	05/13/25	05/13/25	
	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2520057
Anions by EPA 300.0/9056A	1116/116	88		,		



Hilcorp Energy Co	Project Name:	Moore LS B6	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

DS02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2520045
Benzene	ND	0.125	5	05/13/25	05/14/25	
Ethylbenzene	2.78	0.125	5	05/13/25	05/14/25	
Toluene	5.15	0.125	5	05/13/25	05/14/25	
o-Xylene	17.4	0.125	5	05/13/25	05/14/25	
p,m-Xylene	60.2	0.250	5	05/13/25	05/14/25	
Total Xylenes	77.5	0.125	5	05/13/25	05/14/25	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130	05/13/25	05/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2520045
Gasoline Range Organics (C6-C10)	1110	100	5	05/13/25	05/14/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		153 %	70-130	05/13/25	05/14/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2520060
Diesel Range Organics (C10-C28)	696	25.0	1	05/13/25	05/13/25	Т9
Oil Range Organics (C28-C36)	ND	50.0	1	05/13/25	05/13/25	
Surrogate: n-Nonane		271 %	61-141	05/13/25	05/13/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2520057



Moore LS B6 Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 5/21/2025 11:56:30AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2520045-BLK1) Prepared: 05/13/25 Analyzed: 05/13/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.15 8.00 89.4 70-130 LCS (2520045-BS1) Prepared: 05/13/25 Analyzed: 05/13/25 5.02 5.00 100 70-130 Benzene 0.0250 Ethylbenzene 4.98 0.0250 5.00 99.6 70-130 5.02 0.0250 5.00 100 70-130 Toluene o-Xylene 4.94 0.0250 5.00 98.7 70-130 10.1 10.0 101 70-130 0.0500 p.m-Xvlene 100 70-130 15.0 15.0 Total Xylenes 0.0250 8.00 88.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.11 Matrix Spike (2520045-MS1) Source: E505145-02 Prepared: 05/13/25 Analyzed: 05/13/25 4.99 0.0250 5.00 ND 70-130 Benzene ND 99.2 70-130 Ethylbenzene 4.96 0.0250 5.00 Toluene 4.99 0.0250 5.00 ND 99.9 70-130 4.90 ND 97.9 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.0 0.0500 10.0 ND 100 70-130 14.9 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.12 8.00

Source: E505145-02

103

102

103

101

103

102

89.6

70-130

70-130

70-130

70-130

70-130

70-130

70-130

3.35

2.90

3.06

3.08

2.63

2.78

ND

ND

ND

ND

ND

ND



Prepared: 05/13/25 Analyzed: 05/13/25

27

26

20

25

23

26

Matrix Spike Dup (2520045-MSD1)

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

5.16

5.10

5.15

5.05

10.3

15.3

7.17

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

Moore LS B6 Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 5/21/2025 11:56:30AM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2520062-BLK1) Prepared: 05/13/25 Analyzed: 05/14/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.09 8.00 101 70-130 LCS (2520062-BS1) Prepared: 05/13/25 Analyzed: 05/14/25 4.57 5.00 91.5 70-130 Benzene 0.0250 Ethylbenzene 4.81 0.0250 5.00 96.2 70-130 4.72 0.0250 5.00 94.3 70-130 Toluene 95.7 o-Xylene 4.78 0.0250 5.00 70-130 9.39 10.0 93.9 70-130 0.0500 p.m-Xvlene 94.5 70-130 14.2 15.0 Total Xylenes 0.0250 8.00 103 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.26 Matrix Spike (2520062-MS1) Source: E505148-07 Prepared: 05/13/25 Analyzed: 05/15/25 4.45 0.0250 5.00 ND 70-130 Benzene ND 93.5 70-130 Ethylbenzene 4.68 0.0250 5.00 Toluene 4.58 0.0250 5.00 ND 91.5 70-130 ND 93.1 70-130 4.66 5.00 0.0250 o-Xylene p,m-Xylene 9.13 0.0500 10.0 ND 91.3 70-130 13.8 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.14 8.00 Matrix Spike Dup (2520062-MSD1) Source: E505148-07 Prepared: 05/13/25 Analyzed: 05/15/25 4.82 0.0250 5.00 ND 70-130 8.02 27

ND

ND

ND

ND

ND

102

99.5

101

99.2

99.9

101

5.00

5.00

5.00

10.0

15.0

8.00

5.08

4 98

5.07

9.92

15.0

8.09

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

70-130

70-130

70-130

70-130

70-130

8.31

8 34

8.45

8.31

8.36

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Hilcorp Energy Co	Project Name:	Moore LS B6	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

Houston TX, 77208		Project Manage	r: M	itch Killough				5/	21/2025 11:56:30AM
	Non	halogenated	Organics	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2520045-BLK1)							Prepared: 0	5/13/25 Ana	alyzed: 05/13/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.3	70-130			
LCS (2520045-BS2)							Prepared: 0	5/13/25 Ana	alyzed: 05/13/25
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0		85.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.7	70-130			
Matrix Spike (2520045-MS2)				Source:	E505145-	02	Prepared: 0	5/13/25 Ana	alyzed: 05/13/25
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130			
Matrix Spike Dup (2520045-MSD2)				Source:	E505145-	02	Prepared: 0	5/13/25 Ana	alyzed: 05/14/25
Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.7	70-130	10.7	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.90		8.00		98.8	70-130			



Hilcorp Energy Co	Project Name:	Moore LS B6	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

Houston TX, 77208		Project Manage	r: Mi	tch Killough				5/21	/2025 11:56:30AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		I	Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2520062-BLK1)							Prepared: 0	5/13/25 Analy	vzed: 05/14/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.83		8.00		85.4	70-130			
LCS (2520062-BS2)							Prepared: 0	5/13/25 Analy	zed: 05/14/25
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0		98.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.8	70-130			
Matrix Spike (2520062-MS2)				Source:	E505148-	07	Prepared: 0	5/13/25 Analy	zed: 05/15/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0	ND	97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
Matrix Spike Dup (2520062-MSD2)				Source:	E505148-	07	Prepared: 0	5/13/25 Analy	zed: 05/15/25
Gasoline Range Organics (C6-C10)	50.4	20.0	50.0	ND	101	70-130	2.95	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.6	70-130			

Hilcorp Energy Co	Project Name:	Moore LS B6	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

Houston TX, 77208		Project Manage	r: M	tch Killough					5/21/2025 11:56:30AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2520059-BLK1)							Prepared: 0	5/13/25 Ar	nalyzed: 05/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.3		50.0		101	61-141			
LCS (2520059-BS1)							Prepared: 0	5/13/25 Ar	nalyzed: 05/14/25
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			
Matrix Spike (2520059-MS1)				Source:	E505148-	04	Prepared: 0	5/13/25 Ar	nalyzed: 05/14/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	53.4		50.0		107	61-141			
Matrix Spike Dup (2520059-MSD1)				Source:	E505148-	04	Prepared: 0	5/13/25 Ar	nalyzed: 05/14/25
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	2.41	20	
Gurrogate: n-Nonane	52.7		50.0		105	61-141			



Hilcorp Energy Co	Project Name:	Moore LS B6	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

Houston TX, 77208		Project Manager	r: Mı	tch Killough				3	/21/2025 11:56:30Al
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2520060-BLK1)							Prepared: 0	5/13/25 An	alyzed: 05/14/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.5		50.0		101	61-141			
LCS (2520060-BS1)							Prepared: 0	5/13/25 An	alyzed: 05/14/25
Diesel Range Organics (C10-C28)	277	25.0	250		111	66-144			
urrogate: n-Nonane	50.6		50.0		101	61-141			
Matrix Spike (2520060-MS1)				Source:	E505148-2	24	Prepared: 0	5/13/25 An	alyzed: 05/14/25
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
urrogate: n-Nonane	50.5		50.0		101	61-141			
Matrix Spike Dup (2520060-MSD1)				Source:	E505148-2	24	Prepared: 0	5/13/25 An	alyzed: 05/14/25
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156	3.93	20	
'urrogate: n-Nonane	51.5		50.0		103	61-141			



Chloride

QC Summary Data

Hilcorp Energy Co	Project Name:	Moore LS B6	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	5/21/2025 11:56:30AM

	Anions by EPA 300.0/9056A								Analyst: DT		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2520057-BLK1)	Prepared: 05							5/13/25 Ana	lyzed: 05/14/25		
Chloride	ND	20.0									
LCS (2520057-BS1)							Prepared: 0	5/13/25 Ana	lyzed: 05/14/25		
Chloride	253	20.0	250		101	90-110					
Matrix Spike (2520057-MS1)				Source:	E505117-0)3	Prepared: 0	5/13/25 Ana	lyzed: 05/14/25		
Chloride	264	20.0	250	ND	106	80-120					
Matrix Spike Dup (2520057-MSD1)				Source:	E505117-0)3	Prepared: 0	5/13/25 Ana	lyzed: 05/14/25		

250

106

80-120

0.294

20.0



Matrix Spike Dup (2520063-MSD1)

Chloride

QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208		Project Name: Project Number Project Manage	: 17	oore LS B6 7051-0002 itch Killough				:	Reported: 5/21/2025 11:56:30AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	\				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2520063-BLK1)							Prepared: 0:	5/14/25 Aı	nalyzed: 05/15/25
Chloride	ND	20.0							
LCS (2520063-BS1)							Prepared: 0	5/14/25 Aı	nalyzed: 05/15/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2520063-MS1)				Source:	E505148-	04	Prepared: 0:	5/14/25 Aı	nalyzed: 05/15/25
Chloride	260	20.0	250	ND	104	80-120			

250

20.0

Source: E505148-04

104

80-120

0.136

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.



Prepared: 05/14/25 Analyzed: 05/15/25

20

Definitions and Notes

	Hilcorp Energy Co	Project Name:	Moore LS B6	
-	PO Box 61529	Project Number:	17051-0002	Reported:
	Houston TX, 77208	Project Manager:	Mitch Killough	05/21/25 11:56

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

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



to Imaging: 9/16/2025 7:29:01 AM

	Clie	nt Inforn	nation	1.00	In	voice Information					La	b U	se Or	ıly				TA	AT			Sta	te	
Client:	Hilcorp	Energ	21/		Company:			_ La	ab W	/0#		227	Job	Num	ber	_	1D	2D	3D Std	88	NM	CO U	TTX	П
Project 1	Name: 🥍	1001e	LS BC		Address:			_ E	51	15	147	Z	170	51	·000)Z .	X							
Project I	Manager: 🔥	nitch	Killona	6	City, State, Zip	o:											About		J. William		AL DE		2000	
Address	<u> </u>				Phone:		20						Ana	lysis	and	Met	thod				EF	A Prog	ram	
City, Sta					Email:				3						100					SD	WA	CWA	RC	CRA
Phone:	281-851	- 233	5	100	Miscellaneous:																			
Email:	mrillou	ne h	ilcorp	. Com				la S		8015	8015									Com	plian	ce Y	or	N
							0 5. 17			y 80		12	0	0.0	5	×	s e	PKg		PW:	SID#		_	
				Sample Infor	mation					RO b	RO b	/ 80	826	e 30	ž	05 - 1	Met	nion		a	a			
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Filter	Lab Numbe	er	DRO/ORO	GRO/DRO by	BTEX by 802	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion		Sam	Temp	Re	marks	
12:15	5-13	5	1	SWO	1			1)	X	X	X		+						5.	6			
12:19	1			Swo				2		1	1	1								4.	8			
12:21				Swo			\Box	3												5				
								4												5.				
12:24				SWO				=												100	-1,17			
12:37				SW05			\vdash	<u>ン</u>			+										0.0			
12:30				SWOG	5			le			-				_					5				
12:33				SWO	7		Ш	7												4	0			
17:36				Swo	8			8												5.	1			
12:37				Swo	9			9												5.	4			
12:42	7	V	Th	5W/C				10	1	7	1	L		1						5				
Addition	nal Instructio	ns:																						
V. CZ				of this sample. I am awar	e that tampering with	or intentionally mislabeling th	ne sample	location	n, date	e or t	ime o	f colle	ction is	consid	dered	fraud a	ind ma	y be gro	ounds for le	gal action	on.			
ALCOHOL STREET	Eco		cena	L	Τ	10.0					4000000				1								•	
	ed by: (Signatur			5-13-25 Date	1475	Received by: Bignatur	M	u	_		5	13	3.2	5	Time /	42	35	-				quiring t nust be r		
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Relinquish	ed by: (Signatur	e)		Date:	Time	Received by: (Signatur	re)			1	Date				Time				715	above	0 but	less tha	n 6°C o	
Relinquished by: (Signature)					Time	Received by: (Signatur	re)			-	Date				Time							Use Onl		
Relinquished by: (Signature) Date					Time	Received by: (Signatur	re)			-	Date				Time					F		ved on i V/N	ce:	
Sample Ma	trix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aque	ous, O - Other			Conta	ner Tv	/pe: e	g - g	lass.	p - p	oly/p	astic.	ag -	ambe	er glas	SS, V -	VOA					_
The second secon		-			her arrangements ar	e made. Hazardous sample														analy	sis of t	he above	sample	s 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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	Clie	nt Inforn	nation	389	Ir	nvoice Information				L	ab U	se O	nly		-		T	AT	44		Stat	:e
Client:	HILCOI	D En	etgy	108	Company:			Lab	b WC)#		Job	Num	ber	Garce	1D	2D	3D Sto	1	NM	CO UT	TX
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Project N	/lanager:	Mitch	K:1100	eu n	City, State, Zi	ip:					THE.	1000			nu.							
Address					Phone:							An	alysis	and	Me	thod				El	PA Progr	am
City, Sta	e, Zip:				Email:				A										SD	AWG	CWA	RCRA
Phone:				168	Miscellaneous	:		193			l											
Email:	mkillough	10 h.	10010-6	com					8015	8015		1							Con	nplian	ce Y	or N
		fill a							N 80		=	0	0.0	5	×	sas	Pkg		PW	SID#		
				Sample Infor	mation				NO b	80 6	/ 80	826	e 30	ž	1.50	Z et	nion		a	<u>d</u>		
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	Cation/Anion Pkg		Sam	Temp	Rer	marks
1045	5-13	5	1	54	111			11	X	Y	X		Y						4	9		
1248	1	1	1	SW	12			12	1	1			1						5	.		
1251				5h	13			13											5	.6		
1254	54				14			14											5	8		
1257					15			15											5	.4		
1300				FSC	21			110											5	5.2		
1303				FSC				17											5	.7		
1306				FS				18												.6		
1309					04			19											_	8		
1312	7	*	1	FS	05			20	Y	7	A		4							24		
Addition	al Instructio	ns:														-	1					
I, (field sam	pler), attest to the	validity and	dauthenticity	of this sample. I am awar	e that tampering with	n or intentionally mislabeling t	he sam	ple location,	, date o	or time	of colle	ection i	s consi	dered	fraud a	and ma	y be gr	ounds for le	gal act	ion.		
Relinquish	Relinquished by: (Signature) Relinquished by: (Signature) Date Selinquished by: (Signature) Date				Time 14 25	Received by: (Sygnatu	re)	na		Date	.1.3	3.2	5	Time	42	25		pr			equiring the	
Relinquished by: (Signature) Date				Date	Time	Received by: (Signatu	ire)	,,,,		Date	, ,			Time	, _			ic	e the	day tl	ney are sa	mpled or
Relinquished by: (Signature) Date				Date	Time	Received by: (Signatu	ire)			Date				Time					above	e 0 bu	t less than	n 6°C on
Relinquished by: (Signature)					Time	Received by: (Signatu	ire)			Date				Time	2					Lab	Use Only	Y
Relinquished by: (Signature) Date					Time	Received by: (Signatu	ire)			Date				Time							J/N	
Sample Ma	rix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aque	ous, O - Other	1		Cor	ntainer Typ	oe: g	- glass	p - p	oly/p	lastic	ag -	ambe	er glas	SS, V -	VOA				
Note: Sam	nles are discard	ed 14 days	after results	are reported unless of	her arrangements a	re made. Hazardous samn	es will	he returne	ed to c	lient o	disno	sed o	f at th	e clier	t exp	ense '	The re	port for th	e analy	vsis of	the above	samples is

applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Chain of Custody

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	Clie	nt Inform	nation		In	voice Information					La	b Us	e On	ly				T	AT	0.680		Sta	te	-
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Project N	lanager:				City, State, Zi	o:					n kriber				MT.	TS (a.e.								
Address:				200	Phone:								Ana	lysis	and	Met	hod				EP	A Progi	am	
City, Stat	e, Zip:			2/8	Email:															SI	AWC	CWA	RCRA	
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field	Lab Numb	per	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	Cation/Anion Pkg		Com	Temp	Re	marks	
1315	5-13	5	ユ	F	506			21	1	+	V	X		X						5	6			-
1					507			22	7	1	1	1		T							.5			-
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Addition	al Instructio	ns:																						
I. (field sam	pler), attest to the	validity and	l authenticity	of this sample. I am awa	re that tampering with	or intentionally mislabeling	the sam	ple locatio	on, da	ite or	time o	f colle	ction is	consid	dered f	raud a	ind ma	y be gr	rounds for	egal ac	tion.			-
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Relinquish	ed by: (Signature	e)		Date 5-/3-25	Time 14 25	Received by: (Signate Auth Received by: (Signate	ure)	na	n	_	Date 5	13	3.7	?5	Time	42	25	-	р			quiring t nust be r	hermal eceived on	-
Relinquished by: (Signature) Date 5-/3 Relinquished by: (Signature) Date				Date	Time	Received by: (Signati	ure)				Date				Time								ampled or at a temp	
Relinquished by: (Signature) Date					Time	Received by: (Signati	ure)				Date				Time						e 0 but		n 6°C on	
Relinquish	ed by: (Signatur	e)		Date	Time	Received by: (Signate	ure)				Date				Time						Lab	Use Onl	У	-
Relinquished by: (Signature)				Date	Time	Received by: (Signate	ure)				Date				Time				1			N (ce.	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							ICon	tainer T	vne.	9 - 0	lass	n - n	alv/nl	astic	ag -	ambe	rela	ss v -	VOA					_
					her arrangements a	re made. Hazardous samo							_			_	_			ne anal	vsis of t	he above	samples is	-

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Page 43 of 47

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Hilcorp Energy Co	Date Received:	05/13/25 14:2	25		Work Order ID:	E505148
Phone:	-	Date Logged In:	05/13/25 14:3	30		Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	05/14/25 17:0	00 (1 day TAT)			
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
2. Does tl	ne number of samples per sampling site location n	natch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: E1	ric Carroll		
4. Was th	e COC complete, i.e., signatures, dates/times, requ	uested analyses?	Yes				
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disuction.					Comment	s/Resolution
Sample T	Furn Around Time (TAT)	551011.		Г			
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	•						
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	, were custody/security seals intact?						
-	•		NA				
12. was un	e sample received on ice? Note: Thermal preservation is not required, if samples	are received within	Yes				
	15 minutes of sampling						
13. See C	OC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded in o	comments.			
Sample (<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containe	rs?	Yes				
19. Is the	appropriate volume/weight or number of sample cont	ainers collected?	Yes				
Field Lal	<u>oel</u>						
	field sample labels filled out with the minimum in	nformation:					
	ample ID?		Yes				
	ate/Time Collected? follectors name?		Yes Yes				
	Preservation		168				
	the COC or field labels indicate the samples were	preserved?	No				
	ample(s) correctly preserved?	.	NA				
	filtration required and/or requested for dissolved	metals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multip	hase?	No				
	, does the COC specify which phase(s) is to be an		NA				
•	ract Laboratory	•	1.1.1				
	amples required to get sent to a subcontract labora	tory?	No				
	subcontract laboratory specified by the client and	· ·		ıbcontract Lab:	· N Δ		
		in so who.	1111 50	iocontract Lao.	. IVA		
Client II	<u>istruction</u>						

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

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Date

envirotech Inc.

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Chain of Custody

of <u>3</u>	Received by OCD: 9/2/2025 9:33:45 AM	
	by	
	OCD:	
	9/2	
	/2025	
	9:33:45	
	AM	

	Clie	nt Inform	nation		Inv	oice Information					La	ab U	se Or	ılv				T	AT		Sta	te.
	Hillorg	Energ	1/_	NAME OF THE OWNER, THE	Company:			L	ab V	WO#			loh	Num	ber		1D		3D S	td N	M CO UT	
Project N	lame:	1001e	45 BC		Address:				5	05	147	7	170	151	.000	2	X				VI CO 01	11
	Nanager: /	1.tch	Killong	6	City, State, Zip:							3999					NS					
Address:					Phone:								Ana	alysis	and						EPA Progr	am
City, Stat					Email:															SDW	CWA	RCRA
	281.851				Miscellaneous:								1			150						
Email:	Mrille.	ng n	Heorp	con			-			8015	8015	18.83								Compli	ince Y	or N
•				Sample Infor						by 8	by 8(170	8260	0.00	NN	**	tals	Pkg		PWSID	#	
Time			No of	Sample infor			To 2	Lah		DRO/ORO	GRO/DRO by	by 8021	by 82	ide 3	N - 00	CEQ 1005 - 1X	8 Me	/Anior		nle mp	0-	
Sampled	Date Sampled	Matrix	Containers		Sample ID		Field	Lab Numb	er	DRO/	GRO/	втех	VOC	Chloride 300.0	BGDOC -	TCFQ :	RCRA 8 Metals	Cation		Samle	Kei	marks
12:15	5-13	5	1	SWO	1			1		X	X	X		+						5.6	Chan	oek oek
12:19				Swo	1			2				1		1						4.8	Clien	t for
12:21				Swo				3												5.8	303	1.
19:24				Swor	4			4												5.4	10 00	-13.25
12:27				Sw05				5												5.0		
12:30				SWOG				6												5.2		
10:33				SWO	7			7												46		
12:36				SWO	8			8			1									5.1		
12:37				Swo	7			9												5.4		
17:42	承	1	ħ	5W10				10		Ā	1	Y.		-						55		
Addition	al Instructio	ns:																			NA.	
, (field samp Sampled by:	oler), attest to the	validity and	authenticity	of this sample. I am aware	that tampering with or	intentionally mislabeling th	e sampl	e location	n, dat	te or ti	me of	collec	tion is	consid	ered fr	aud ar	id may	be gro	unds for	legal action.		
	ed by: (Signature	THE RESERVE AND THE PARTY OF TH	N. Salah	Date	Time	Regeived by Signatur	مراع			Ic	Date			1	Time			T		Sampler	requiring th	ermal
Ec	ci carri	odl	19808	5-13-29	1425	athe	116	cu	_		5	13	.7.	5	10	47	5		n		must be re	
	ed by: (Signature			Date	Time	Received by: (Signatur	e)			C	Date				Time	- 6				ce the day	they are sar ked on ice	npled or
Relinquishe	ed by: (Signature	2)		Date	Time	Received by: (Signatur	e)			C	ate				Time					above 0 b	ut less than	6°C on
Relinquishe	ed by: (Signature	2)	Maria L	Date	Time	Received by: (Signatur	e) ·			0	ate				Time						equent day Use Only	
										18 1				476							ived on ic	
Relinquishe	ed by: (Signature	2)		Date	Time	Received by: (Signatur	e)			E	ate				Time						Ø/ N	
	rix: S - Soil, Sd - Se						Conta	iner Ty	pe: p	g - gla	ass, p) - po	ly/pla	stic,	ag - a	mber	glass	, v - \	OA			
Note: Samp	oles are discarde	ed 14 days a	ifter results	are reported unless oth	er arrangements are i	made. Hazardous sample	s will be	return	ed to	clien	t or d	ispos	ed of a	at the	client	exper	ise. Th	е гер	ort for th	ne analysis o	the above s	amples is
pplicable i	only to those sa	mples recei	ved by the I	aboratory with this COC	. The liability of the la	boratory is limited to the	amour	t naid fe	or on	ther	enart							The state of				

	Clie	nt Inform	nation		Inv	oice Information				La	b U	se Oi	nlv			1	Т	AT				,	State	
Client:	Hilcon				Company:			Lab	WOŧ	1		Maria Carlo	Num	ber		1D			Std		NM	co		
Project I			15 B		Address:		VALUE OF THE PARTY	EC	W	148	,	П	051	000	52	X				188				
	Manager:	MICCH	Killer	44.17	City, State, Zip	:											1401		4					
Address City, Sta					Phone:							An	alysis	and	Met	thod						A Pr		
Phone:	te, zip.				Email:															SD	WA	CV	VA	RCRA
-	mkillour	10 h	10000	20.21	Miscellaneous:				10											-				
Walter Walter	Telephone State	Marie Carlo							801	801			0			UT.	94				siD #	ce	Y	or N
N/EST				Sample Infor	mation				O by	O by	8021	3260	300	NN	5 tx	Aetal	ion Pi			-				
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Filter Pa		DRO/OR	ско/рко	BTEX by	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - 1X	RCRA 8 Metals	Cation/Anion			Samle	Temp		Rem	arks
1045	5-13	5	ユ	Su	111		11		x	x	Y		Y							4	9			
1248				SW	12		12	Name and Address of the Owner, where	1	1	1		1							5	.1			
1251				Sw	13		13	3												5	.6			
1954				SW	14		14	4												5.	8			
1257				SW	15		15	5												5	.4			
1300				FSO	; I		11	0											807	5	.2			
1303				FSO	2		(-	7												5	.7			
1306				FSC	2.3		18													5.	6			
1309				FSO	04		10	4												5	8			
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Relinquish	ed by: (Signature	2)		Date	Time	Received by: (Signatur	re)			Date				Time					ice	the	day th	ey are	sam	pled or
Relinquish	ed by: (Signature	2)		Date	Time	Received by: (Signatur	e)			Date				Time					1000	bove		less t	han 6	5°C on
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Relinquish	ed by: (Signature	2)		Date	Time	Received by: (Signatur	e)			Date				Time						F	Receiv	ed o	n ice:	
Sample Mar	rix: S - Soil, Sd - Sc	olid, Sg - Sluc	ige, A - Aque	Dus, O - Other			Container	Type:	P - 0	lace i	0 - 00	ly/pl	actic	20.	mho	ralas	CV	VOA		N/A	9			
	plor are diseards						Lomune	· The	6 5	1033,	- pc	, Y P	astic,	ap c	inne	. Big2	5, V -	VUA					TOWN.	

Page 57 of 163

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
	Client Information
	Client:
	Project Name:
	Project Manager:

Address:

Phone:

Email:

Time

Sampled

City, State, Zip:

Date Sampled

Chain of Custody

Lab Use Only

Lab WO# ESOS148

Lab

Number

24

Job Number 1705 | 2002

Analysis and Method

TAT

1D 2D 3D Std

Invoice Information

Company: Address:

Phone:

Email:

F506

F507

F508

F 509 DSOI 0502

Sample Information

No of

Matrix

City, State, Zip:

Miscellaneous:

Sample ID

Received by OCD: 9/2/2025 9:33:45 AM

				Pag	e	3_	of
			State	2		1	
	NM	СО	UT	TX			
	EF	A Pr	ogra	m			
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Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Date Time Date Time Date Time Date Time Date							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: (Signature) Received by: (Signature) Date Time Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: (Signature) Received by: (Signature) Date Time Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Lab Use Only Received on ice: V N Samples requiring there ice the day they are samp received packed on ice at a above 0 but less than 6° subsequent days. Lab Use Only Received on ice: V N Sample Matrix: 5 - Soil, \$6 - Soil							
Received by: (Signature) Date Time Lab Use Only Received on ice: Received by: (Signature) Date Time Lab Use Only Received on ice: V 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		of this sample. I am aware that tampi				aud and may be ground	s for legal action
Received by: (Signature) Date Time Lab Use Only Received on ice: Received by: (Signature) Date Time Lab Use Only Received on ice: V 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			75 Received by: (Algnature)	man 5.	13.25 10	125	Samples requiring thermal preservation must be received
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Date Time Received by: (Signature) Date Time Above 0 but less than 6° subsequent days. Lab Use Only Received on ice: Y N Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Time Above 0 but less than 6° subsequent days. Lab Use Only Received on ice: Y N Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA	delinquished by: (Signature)	Date Time	Received by: (Signature)	Date	Time		ice the day they are sampled or received packed on ice at a ten
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Lab Use Only Received on ice: Relinquished by: (Signature) Date Time Lab Use Only Received on ice: V 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	delinquished by: (Signature)	Date Time	Received by: (Signature)	Date	Time		above 0 but less than 6°C on
Relinquished by: (Signature) Date Time Received by: (Signature) Date Time V 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	elinquished by: (Signature)	Date Time	Received by: (Signature)	Date	Time		Lab Use Only
The g Court b built broade, ag autoci Propi	elinquished by: (Signature)	Date Time	Received by: (Signature)	Date	Time		
	ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aque	ous, O - Other	IC	ontainer Type: g - glass, i	o - poly/plastic, ag - ar	mber glass, v - VOA	
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.	lote: Samples are discarded 14 days after results pplicable only to those samples received by the	are reported unless other arrange aboratory with this COC. The liabil	gements are made. Hazardous samples v	will be returned to client or o	disposed of at the client		

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: Moore LS 6B

Work Order: E505285

Job Number: 17051-0002

Received: 5/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/29/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 5/29/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: Moore LS 6B

Workorder: E505285

Date Received: 5/27/2025 2:56:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/27/2025 2:56:00PM, under the Project Name: Moore LS 6B.

The analytical test results summarized in this report with the Project Name: Moore LS 6B 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

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Sample Summary

Hilcorp Energy Co	Project Name:	Moore LS 6B	Reported:
PO Box 61529	Project Number:	17051-0002	Keporteu.
Houston TX, 77208	Project Manager:	Mitch Killough	05/29/25 14:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
DS-3	E505285-01A	Soil	05/27/25	05/27/25	Glass Jar, 4 oz.



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/29/2025 2:49:00PM

DS-3 E505285-01

		E505285-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: BA		Batch: 2522028
Benzene	ND	1.25	50	05/27/25	05/28/25	
Ethylbenzene	19.6	1.25	50	05/27/25	05/28/25	
Toluene	56.8	1.25	50	05/27/25	05/28/25	
o-Xylene	54.2	1.25	50	05/27/25	05/28/25	
p,m-Xylene	233	2.50	50	05/27/25	05/28/25	
Total Xylenes	287	1.25	50	05/27/25	05/28/25	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: BA		Batch: 2522028
Gasoline Range Organics (C6-C10)	3090	1000	50	05/27/25	05/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.9 %	70-130	05/27/25	05/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: HM		Batch: 2522007
Diesel Range Organics (C10-C28)	1750	25.0	1	05/27/25	05/27/25	Т9
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/25	05/27/25	
Surrogate: n-Nonane		679 %	61-141	05/27/25	05/27/25	S5



				<u> </u>					
Hilcorp Energy Co		Project Name:	M	loore LS 6B					Reported:
PO Box 61529		Project Number:	17	7051-0002					
Houston TX, 77208		Project Manager:	M	litch Killough					5/29/2025 2:49:00PM
		Volatile O	rganics l	by EPA 8021	1B				Analyst: BA
Analyte		Reporting	Spike	Source		Rec		RPD	
inary to	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2522028-BLK1)							Prepared: 0	5/27/25 A	analyzed: 05/28/25
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	8.13	0.0250	8.00		102	70-130			
LCS (2522028-BS1)							Prepared: 0	5/27/25 A	analyzed: 05/28/25
Benzene	5.03	0.0250	5.00		101	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Foluene	5.01	0.0250	5.00		100	70-130			
o-Xylene	4.99	0.0250	5.00		99.9	70-130			
o,m-Xylene	9.82	0.0500	10.0		98.2	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.18		8.00		102	70-130			
Matrix Spike (2522028-MS1)				Source: I	E505275-	07	Prepared: 0	5/27/25 A	analyzed: 05/28/25
Benzene	4.89	0.0250	5.00	ND	97.7	70-130			
Ethylbenzene	4.92	0.0250	5.00	ND	98.5	70-130			
Toluene	4.88	0.0250	5.00	ND	97.5	70-130			
o-Xylene	4.86	0.0250	5.00	ND	97.2	70-130			
o,m-Xylene	9.60	0.0500	10.0	ND	96.0	70-130			
Total Xylenes	14.5	0.0250	15.0	ND	96.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.30		8.00		104	70-130			
Matrix Spike Dup (2522028-MSD1)				Source: I	E 505275 -	07	Prepared: 0	5/27/25 A	analyzed: 05/28/25
Benzene	4.98	0.0250	5.00	ND	99.7	70-130	1.95	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	1.98	26	
Toluene	4.98	0.0250	5.00	ND	99.5	70-130	1.99	20	
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130	2.24	25	
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130	1.80	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.3	70-130	1.95	26	
			0.00						

8.00

8.13

70-130



Surrogate: 4-Bromochlorobenzene-PID

Hilcorp Energy Co	Project Name: N	Moore LS 6B	Reported:
PO Box 61529	Project Number: 1	17051-0002	-
Houston TX, 77208	Project Manager: N	Mitch Killough	5/29/2025 2:49:00PM

Houston TX, 77208		Project Manage	r: Mi	tch Killough				5/29	9/2025 2:49:00PM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		I	Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2522028-BLK1)							Prepared: 0	5/27/25 Analy	zed: 05/28/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			
LCS (2522028-BS2)							Prepared: 0	5/27/25 Analy	zed: 05/28/25
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike (2522028-MS2)				Source:	E505275-	07	Prepared: 0	5/27/25 Analy	zed: 05/28/25
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			
Matrix Spike Dup (2522028-MSD2)				Source:	E505275-	07	Prepared: 0	5/27/25 Analy	zed: 05/28/25
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.9	70-130	2.42	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

Diesel Range Organics (C10-C28)

Diesel Range Organics (C10-C28)

Matrix Spike Dup (2522007-MSD1)

Surrogate: n-Nonane

Surrogate: n-Nonane

QC Summary Data

Hilcorp Energy Co PO Box 61529		Project Name: Project Number		oore LS 6B 051-0002					Reported:
Houston TX, 77208		Project Manager		itch Killough					5/29/2025 2:49:00PM
	Nonha	logenated Or	ganics by	EPA 8015D	- DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2522007-BLK1)							Prepared: 0	5/27/25 A	nalyzed: 05/27/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	61-141			
LCS (2522007-BS1)							Prepared: 0	5/27/25 A	nalyzed: 05/27/25
Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	55.2		50.0		110	61-141			
Matrix Spike (2522007-MS1)				Source: 1	E 505259 -	22	Prepared: 0	5/27/25 A	nalyzed: 05/27/25

250

50.0

250

50.0

25.0

25.0

ND

ND

119

111

110

Source: E505259-22

56-156

61-141

56-156

61-141

Prepared: 05/27/25 Analyzed: 05/27/25

297

291

55.0

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:	Moore LS 6B	
-	PO Box 61529	Project Number:	17051-0002	Reported:
	Houston TX, 77208	Project Manager:	Mitch Killough	05/29/25 14:49

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

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Address: 1111 Travis Street City, State, Zip: Houston, TX Phone: Email: mkillough@hilcorp.com Sample Information Time Sample Information Sample Information Sample ID Sample ID Sample ID Additional Instructions: cc Stuart Hyde, shyde@ensolum.com and Osgood Froelich, ofroelich@ensolum.com	Client Information						Invoice Information			Lab Use Only						TAT				State	
City, State, Zip: Houston, TX Phone: Email: mkillough@hiltorp.com Sample Information Sample ID Sampl							Company: Same as Client			ab WO# Job Number						1D 2D 3D Std			Std	NM CO UT TX	
Address: 1111 Travis Street City, State, Zip: Houston, TX Phone: Email: Miscellaneous: E	Project Name: Moore LS 6B									50	505285 17051.000					500	2 x				x
City, State, Zip: Houston, TX Phone:						14.55 2 50.00												1			
Phone: Email: mkillough@hilcorp.com Sample Information Sample Date Sampled Matrix Centainers Sample Date Sampled Date Sam	Address: 1111 Travis Street					200 (200)				_			Ana	alysis	lysis and Method						
Sample Information Time Date Sampled Matrix Continers Sample ID Remarks Remarks Sample ID Remarks Remarks Additional Instructions: cc Stuart Hyde, shyde@ensolum.com and Osgood Froelich, ofroelich@ensolum.com		, Zip: Houst	ton, IX										>							-	SDWA CWA RCRA
Sample Information Time Date Sampled Matrix Continers Sample ID Remarks Remarks Sample ID Remarks Remarks Additional Instructions: cc Stuart Hyde, shyde@ensolum.com and Osgood Froelich, ofroelich@ensolum.com		[.:1] la	01:1			— M	iscellaneous:						NO Y							-	
Sample Information Time Date Sampled Matrix Continers Sample ID Remarks Remarks Sample ID Remarks Remarks Additional Instructions: cc Stuart Hyde, shyde@ensolum.com and Osgood Froelich, ofroelich@ensolum.com	Email:	mkillougr	1@nilcorp	o.com			Shyde Censolum. Com			2015	3015		BTEX								
1400 5/37/45 So.1 DS-3 X X X R S. No chloride, SH Additional Instructions: cc Stuart Hyde, shyde@ensolum.com and Osgood Froelich, ofroelich@ensolum.com					Sam	nle Informa	tion			- A	by 8	3021	260,	300.0	Σ	Ÿ.	letals			7	PWSID#
1400 5/37/45 So.1 DS-3 X X X R S. No chloride, SH Additional Instructions: cc Stuart Hyde, shyde@ensolum.com and Osgood Froelich, ofroelich@ensolum.com						pic illiorilla			Lab) ac	/DRC	by 8	by 82	ride	20-1	1005	8 M			3	Remarks
1400 5/37/45 So.1 [DS-3		I Date Sampled I Matrix I				Sample ID		Numbe	ber 000	GRO/	ВТЕХ	VOC	Chlor	BGDC	TCEQ :	RCRA			17		
Additional Instructions: cc Stuart Hyde, shyde@ensolum.com and Osgood Froelich, ofroelich@ensolum.com	1400	6/17/45	< 1	i	DS	- 7			1	1	· V	1		2					-	. 0	Waller Su
	1-100	(00 2/11/12 De 1 De 2						1	^	- /	1	_	1	_				-	2.1	No chouse, m	
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	Additiona	I Instruction	ns: cc St	uart Hv	de. shvde@	Densolum.co	om and Osgood Froelich, ofroelic	h@en	solum.c	om											
	/ tualtions				,,	,	and esgeen receiving en eem														
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.			validity and	authenticit	y of this samp	le. I am aware th	at tampering with or intentionally mislabelin	g the san	nple locatio	n, dat	e or tim	e of co	llection	is con	sidered	d fraud	and m	ay be gro	ounds	for le	gal action.
	Sampled by:				00																
Refine trished by: (Signature) Date S/J 7/J 5 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.	Refinquished	by: (Signature	e)	Dat	12/15	Time	Reveiled by (Rignature)	Date	212	Tim	ne	0	Thursday,								
Euchsequent days	Relinquished by: (Signature) Date Time						210	_					subsequent days								
	Relinquisned	by: (Signature	2)	Dat	е	Time	Received by: (Signature)	Date		Lin	ne				0			. /	Ta!	D US	e Only
	Relinguished by: (Signature) Date Time			Time	Received by: (Signature)	ceived by: (Signature) Date		Time			Received on ice: (Y)/ N										
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Relinquished by: (Signature) Date Time Received by: (Signature) Date Time	Relinguished by: (Signature) Date Time			Time	Received by: (Signature)		Date		Time												
AVG Temp °C			450												AVG	Tem	np °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	-														ag -	ambe	er glas				
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.													oosed	of at t	he clie	ent ex	pense.	The rep	port f	for the	e analysis of the above samples is



envirotecia

envirotech Inc.

Printed: 5/27/2025 3:02:20PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Hilcorp Energy Co	Date Received:	05/27/25	14:56	Work Order ID:	E505285
Phone:	-	Date Logged In:	05/27/25	14:59	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	05/28/25	17:00 (1 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	itch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Stuart Hyde		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	s/Resolution
Sample 7	Turn Around Time (TAT)					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
,	sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples at 15 minutes of sampling					
	OC for individual sample temps. Samples outside of	of 0 C-0 C will be	recorded	in comments.		
	Container 1 42		3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contains	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inf ample ID?	ormation:	Yes			
	Pate/Time Collected?		Yes			
	collectors name?		Yes			
Sample I	Preservation					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
	ract Laboratory	-				
	amples required to get sent to a subcontract laborate	e e e e e e e e e e e e e e e e e e e	No			
	amples required to get sent to a subcontract laborator specified by the client and it	•	NA NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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

Report to:
Mitch Killough







5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: Moore LS 6B

Work Order: E505297

Job Number: 17051-0002

Received: 5/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/30/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 5/30/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: Moore LS 6B

Workorder: E505297

Date Received: 5/28/2025 12:20:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/28/2025 12:20:00PM, under the Project Name: Moore LS 6B.

The analytical test results summarized in this report with the Project Name: Moore LS 6B apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

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Sample Summary

	Hilcorp Energy Co	Project Name:	Moore LS 6B	Donoutoda
١	PO Box 61529	Project Number:	17051-0002	Reported:
l	Houston TX, 77208	Project Manager:	Mitch Killough	05/30/25 12:34

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
DS-4	E505297-01A	Soil	05/28/25	05/28/25	Glass Jar, 4 oz.



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	5/30/2025 12:34:13PM

DS-4 F505297-01

		E505297-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: BA		Batch: 2522040
Benzene	5.80	0.250	10	05/28/25	05/29/25	
Ethylbenzene	37.3	0.250	10	05/28/25	05/29/25	
Toluene	168	0.250	10	05/28/25	05/29/25	
o-Xylene	95.4	0.250	10	05/28/25	05/29/25	
p,m-Xylene	405	0.500	10	05/28/25	05/29/25	
Total Xylenes	501	0.250	10	05/28/25	05/29/25	
Surrogate: 4-Bromochlorobenzene-PID		82.0 %	70-130	05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: BA		Batch: 2522040
Gasoline Range Organics (C6-C10)	3760	200	10	05/28/25	05/29/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		125 %	70-130	05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: HM		Batch: 2522055
Diesel Range Organics (C10-C28)	1770	25.0	1	05/28/25	05/28/25	Т9
Oil Range Organics (C28-C36)	ND	50.0	1	05/28/25	05/28/25	
Surrogate: n-Nonane		800 %	61-141	05/28/25	05/28/25	S5

QC Summary Data

Moore LS 6B Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 5/30/2025 12:34:13PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2522040-BLK1) Prepared: 05/28/25 Analyzed: 05/29/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.05 8.00 101 70-130 LCS (2522040-BS1) Prepared: 05/28/25 Analyzed: 05/29/25 5.46 109 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.40 0.0250 5.00 108 70-130 5.45 0.0250 5.00 109 70-130 Toluene o-Xylene 5.31 0.0250 5.00 106 70-130 10.8 10.0 108 70-130 0.0500 p.m-Xvlene 108 70-130 16.2 15.0 Total Xylenes 0.0250 8.00 101 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.04 Matrix Spike (2522040-MS1) Source: E505292-22 Prepared: 05/28/25 Analyzed: 05/29/25 5.54 0.0250 5.00 ND 111 70-130 Benzene ND 70-130 Ethylbenzene 5.46 0.0250 5.00 109 Toluene 5.52 0.0250 5.00 ND 110 70-130 5.38 ND 108 70-130 5.00 0.0250 o-Xylene p,m-Xylene 11.0 0.0500 10.0 ND 110 70-130 16.4 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.94 8.00 Matrix Spike Dup (2522040-MSD1) Source: E505292-22 Prepared: 05/28/25 Analyzed: 05/29/25 4.98 0.0250 5.00 ND 99.6 70-130 10.6 27 ND 70-130 4.91 0.0250 5.00 98.2 10.6 26 Ethylbenzene Toluene 4 96 0.0250 5.00 ND 99.3 70-130 10.7 20 4.82 5.00 ND 96.5 70-130 10.8 25 o-Xylene 0.0250 23 9.88 10.0 ND 98.8 70-130 10.4 p,m-Xylene 0.0500 Total Xylenes 14.7 0.0250 15.0 ND 98.1 70-130 10.6 26

8.00

98.2

70-130



Surrogate: 4-Bromochlorobenzene-PID

7.86

QC Summary Data

Hilcorp Energy Co	Project Name:	Moore LS 6B	Reported:
PO Box 61529	Project Number:	17051-0002	_
Houston TX, 77208	Project Manager:	Mitch Killough	5/30/2025 12:34:13PM

Houston TX, 77208		Project Manage	r: M	tch Killough					5/30/2025 12:34:13PM
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2522040-BLK1)							Prepared: 0:	5/28/25 Aı	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			
LCS (2522040-BS2)							Prepared: 0:	5/28/25 Aı	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			
Matrix Spike (2522040-MS2)				Source:	E505292-2	22	Prepared: 0:	5/28/25 Aı	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			
Matrix Spike Dup (2522040-MSD2)				Source:	E505292-2	22	Prepared: 0	5/28/25 Aı	nalyzed: 05/29/25
Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130	0.786	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.1	70-130			

Diesel Range Organics (C10-C28)

Diesel Range Organics (C10-C28)

Matrix Spike (2522055-MS1)

Surrogate: n-Nonane

QC Summary Data

Hilcorp Energy Co PO Box 61529	Project Name: Project Number	oore LS 6B '051-0002					Reported:							
Houston TX, 77208		Project Manage		itch Killough				5/30/2025 12:34:131						
	Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: HM													
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes					
Blank (2522055-BLK1)							Prepared: 0	5/28/25 Ana	alyzed: 05/28/25					
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND ND	25.0 50.0												
Surrogate: n-Nonane	52.2		50.0		104	61-141								
LCS (2522055-BS1)							Prepared: 0	5/28/25 Ana	alyzed: 05/28/25					

Surrogate: n-Nonane	344		50.0		689	61-141			S5
Matrix Spike Dup (2522055-MSD1)				Source:	E505297-0	01	Prepared: 05	5/28/25 A	nalyzed: 05/28/25
Diesel Range Organics (C10-C28)	1790	25.0	250	1770	9.33	56-156	9.27	20	M4
Surrogate: n-Nonane	368		50.0		736	61-141			S5

250

50.0

250

110

103

79.2

Source: E505297-01

1770

66-144

61-141

56-156

Prepared: 05/28/25 Analyzed: 05/28/25

274

51.3

1970

25.0

25.0

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: Moore LS 6B	
l	PO Box 61529	Project Number: 17051-0002	Reported:
l	Houston TX, 77208	Project Manager: Mitch Killough	05/30/25 12:34

Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The M4

associated LCS spike recovery was acceptable.

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

T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.

Analyte NOT DETECTED at or above the reporting limit ND

Not Reported NR

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
-------	----	---------

Pa	ge _	o	ff	D
Stat	e		8	-
TU	TX		J	
Progr	am			
CWA		RA	121	3
Y	or	N	020	200
mark	5		Aeceived by OCD: 7/4/2023 7:33:43 AIM	0.33.45 434

Client Information				Invoice Information			Lab Use Only							TAT						State				
Client:	Hilcorg	En	ergy			Company: Hilcorp		L	ab V	VO#		_	Job	Num	ber		1D	2D	3D	Std	NM	co ut	TX	
	ame: Mo				The second secon	Address:		L	ES05297 170					251-	00	20	X				X			
	lanager: 🥕	litch	Killou	3 h	12007000	City, State, Zip:		_	_															
Address:						Phone:			-	Analy					ysis and Method						EPA Program			
City, Stat Phone:	e, Zip:				- E	Email: mkillough @ hillorp. com														-	SDWA	CWA	RCRA	
	nxillough	P hill	000 0	O no	- IIV	Miscellaneous:				10	10										-	Compliance	Y	or N
Linaii.	TATIOUGH	e mine	· · · · ·							by 8015	8015			0			S			1	PWSID#	= 1	01 114	
-				Sam	ple Informa	tion				O by	ργ	8021	3260	300	Σ	5 - TX	Meta				1 11315 11			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	er	DRO/ORO t	GRO/DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks		
1100	5/28/25	5	1	D:	5-4			1		X	X	X									5.5			
								+																

															_		-			-				
Addition	al Instruction	is: Die	. ()		1 . / 0	Water and the later and																		
i, (inclu sairip	her), attest to the	validity allu	authenticity c	of this sampl	le. I am aware th	ensolum.com, equat tampering with or intentionally misla	beling the sam	ple locat	ion, d	late o	r time	of coll	ection	is cons	sidere	d frauc	d and m	nay be	ground	for le	egal action.			
	Eric				I																			
	ed by: (Signature		5/2	8/25	12:20	Received by: (Signature)	Date	-28:		ime	20				P 0500						t be received or emp above 0 bu		MANAGE TO SERVICE STREET	
Relinquished by: (Signature) 5/28/25 17 Date Time				Received by: (Signature)	Date		_	Time					Race	oiver	loni	co.			e Only					
Relinquishe	ed by: (Signature	2)	Date		Time	Received by: (Signature)	Date		Т	Time					T1	Received on ice: Ø/ N					L3			
Relinquishe	Relinquished by: (Signature) Date Time			Time	Received by: (Signature)	Date	-	Time						<u>T1</u>										
Sample Matr	rix: S - Soil, Sd - So	lid, Sg - Sluc	ige, A - Aqueo	us, O - Othe	r		Cont	tainer T	ype:	g - g	lass,	p - po	oly/pl	astic.	AVG Temp °Cstic, ag - amber glass, v - VOA									
						arrangements are made. Hazardous														for th	e 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 Inc.

Printed: 5/28/2025 12:33:00PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

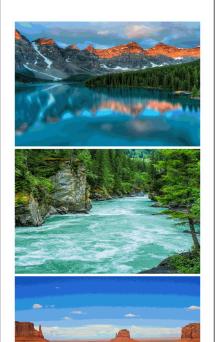
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Hilcorp Energy Co	Date Received:	05/28/25	12:20	Work Order ID:	E505297
Phone:	-	Date Logged In:	05/28/25	12:20	Logged In By:	Noe Soto
Email:	mkillough@hilcorp.com	Due Date:	05/29/25	17:00 (1 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	itch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Eric Carroll		
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Comment	s/Resolution
Sample 7	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?					
			NA			
	the sample received on ice? Note: Thermal preservation is not required, if samples a 15 minutes of sampling OC for individual sample temps. Samples outside of		Yes	in comments		
	1 1 1	of 0 C-0 C will be	recorded	in comments.		
	Container VOC 1 49		3.7			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field La		. ,.				
	field sample labels filled out with the minimum inf ample ID?	ormation:	Yes			
	Pate/Time Collected?		Yes			
	collectors name?		Yes			
Sample I	Preservation					
_	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	ase Sample Matrix					
	the sample have more than one phase, i.e., multiphe	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
		•	1411			
	<u>act Laboratory</u> amples required to get sent to a subcontract laborate	amr9	No			
	amples required to get sent to a subcontract laborator specified by the client and	-	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
						1

Date

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

Report to:
Mitch Killough





5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: Moore LS 6B

Work Order: E507040

Job Number: 17051-0002

Received: 7/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/14/25

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

Date Reported: 7/14/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: Moore LS 6B

Workorder: E507040

Date Received: 7/3/2025 1:55:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/3/2025 1:55:00PM, under the Project Name: Moore LS 6B.

The analytical test results summarized in this report with the Project Name: Moore LS 6B 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.

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Respectfully,

Walter Hinchman

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Sample Summary

Hilcorp Energy Co	Project Name:	Moore LS 6B	Reported:
PO Box 61529	Project Number:	17051-0002	Keporteu:
Houston TX, 77208	Project Manager:	Mitch Killough	07/14/25 16:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS10	E507040-01A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
FS11	E507040-02A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
FS12	E507040-03A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
FS13	E507040-04A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SW16	E507040-05A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SW17	E507040-06A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SW18	E507040-07A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS01	E507040-08A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS02	E507040-09A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS03	E507040-10A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS04	E507040-11A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS05	E507040-12A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS06	E507040-13A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS07	E507040-14A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.
SS08	E507040-15A	Soil	07/03/25	07/03/25	Glass Jar, 4 oz.



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	7/14/2025 4:07:21PM

FS10 E507040-01

		E30/040-01					
Reporting Analyte Result Limit Dilution Prepared Analyzed							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2528049	
Benzene	ND	0.0250	1	07/08/25	07/11/25		
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25		
Toluene	ND	0.0250	1	07/08/25	07/11/25		
o-Xylene	ND	0.0250	1	07/08/25	07/11/25		
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25		
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25		
Surrogate: 4-Bromochlorobenzene-PID		91.4 %	70-130	07/08/25	07/11/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2528049	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25		
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.2 %	70-130	07/08/25	07/11/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2528072	
Diesel Range Organics (C10-C28)	105	25.0	1	07/08/25	07/10/25		
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25		
Surrogate: n-Nonane		99.0 %	61-141	07/08/25	07/10/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2528086	
Chloride	ND	20.0	1	07/08/25	07/10/25		

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FS11 E507040-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		102 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2528086
Chloride	ND	20.0	1	07/08/25	07/10/25	



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.3 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		100 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2528086
Chloride	ND	20.0		07/08/25	07/10/25	· · · · · · · · · · · · · · · · · · ·



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		92.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.1 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		101 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2528086
	ND	20.0	·	07/08/25	07/10/25	·

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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		92.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		101 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2528086
				07/08/25	07/10/25	



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SW17

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.0 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		97.0 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: AK		Batch: 2528086
Chloride	ND	20.0	1	07/08/25	07/10/25	

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SW18

	Reporting					
Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2528049
ND	0.0250	1	[07/08/25	07/11/25	
0.0387	0.0250	1	l	07/08/25	07/11/25	
ND	0.0250	1	l	07/08/25	07/11/25	
0.141	0.0250	1	l	07/08/25	07/11/25	
0.467	0.0500	1	l	07/08/25	07/11/25	
0.608	0.0250	1	l	07/08/25	07/11/25	
	98.1 %	70-130		07/08/25	07/11/25	
mg/kg	mg/kg		Analyst:	BA		Batch: 2528049
ND	20.0	1	l	07/08/25	07/11/25	
	87.3 %	70-130		07/08/25	07/11/25	
mg/kg	mg/kg		Analyst:	KH		Batch: 2528072
99.8	25.0	1		07/08/25	07/10/25	
ND	50.0	1	l	07/08/25	07/10/25	
					0=/10/0=	
	105 %	61-141		07/08/25	07/10/25	
mg/kg	105 % mg/kg		Analyst:		07/10/25	Batch: 2528086
	mg/kg ND 0.0387 ND 0.141 0.467 0.608 mg/kg ND	mg/kg mg/kg ND 0.0250 0.0387 0.0250 ND 0.0250 0.141 0.0250 0.467 0.0500 0.608 0.0250 mg/kg mg/kg ND 20.0 87.3 % mg/kg mg/kg mg/kg 99.8 25.0	mg/kg mg/kg ND 0.0250 0.0387 0.0250 ND 0.0250 0.141 0.0250 0.467 0.0500 0.608 0.0250 98.1 % 70-130 mg/kg mg/kg ND 20.0 87.3 % 70-130 mg/kg mg/kg 99.8 25.0	mg/kg mg/kg Analyst: ND 0.0250 1 0.0387 0.0250 1 ND 0.0250 1 0.141 0.0250 1 0.467 0.0500 1 0.608 0.0250 1 mg/kg mg/kg Analyst: ND 20.0 1 87.3 % 70-130 70-130 mg/kg mg/kg Analyst: mg/kg mg/kg Analyst:	mg/kg mg/kg Analyst: BA ND 0.0250 1 07/08/25 0.0387 0.0250 1 07/08/25 ND 0.0250 1 07/08/25 0.141 0.0250 1 07/08/25 0.467 0.0500 1 07/08/25 0.608 0.0250 1 07/08/25 mg/kg 70-130 07/08/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/08/25 mg/kg mg/kg Analyst: KH 99.8 25.0 1 07/08/25	mg/kg mg/kg Analyst: BA ND 0.0250 1 07/08/25 07/11/25 0.0387 0.0250 1 07/08/25 07/11/25 ND 0.0250 1 07/08/25 07/11/25 0.141 0.0250 1 07/08/25 07/11/25 0.467 0.0500 1 07/08/25 07/11/25 0.608 0.0250 1 07/08/25 07/11/25 98.1 % 70-130 07/08/25 07/11/25 mg/kg mg/kg Analyst: BA ND 20.0 1 07/08/25 07/11/25 87.3 % 70-130 07/08/25 07/11/25 mg/kg mg/kg Analyst: KH 99.8 25.0 1 07/08/25 07/10/25



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SS01

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	0.0256	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.3 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		103 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2528086
Chloride	ND	20.0	1	07/08/25	07/10/25	·



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SS02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.8 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		96.6 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2528086
· · · · · · · · · · · · · · · · · · ·	ND	20.0		07/08/25	07/10/25	



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SS03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		93.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		97.9 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2528086



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SS04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		102 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: AK		Batch: 2528086



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SS05

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	0.0336	0.0250	1	07/08/25	07/11/25	
Toluene	0.0282	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		99.1 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: AK		Batch: 2528086
Chloride	ND	20.0	-	07/08/25	07/10/25	



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		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	0.0274	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		91.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.5 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		100 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2528086
·	ND			07/08/25	07/11/25	



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	7/14/2025 4:07:21PM

SS07

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	0.0847	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		95.8 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.7 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		101 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2528086
	ND			07/08/25	07/11/25	



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	7/14/2025 4:07:21PM

SS08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2528049
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
Surrogate: 4-Bromochlorobenzene-PID		91.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2528049
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KH		Batch: 2528072
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
Surrogate: n-Nonane		102 %	61-141	07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: AK		Batch: 2528086
· · · · · · · · · · · · · · · · · · ·	ND	20.0		07/08/25	07/11/25	



QC Summary Data

Moore LS 6B Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 7/14/2025 4:07:21PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2528049-BLK1) Prepared: 07/08/25 Analyzed: 07/11/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.29 8.00 91.1 70-130 LCS (2528049-BS1) Prepared: 07/08/25 Analyzed: 07/11/25 4.43 88.6 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.31 0.0250 5.00 86.2 70-130 4.49 0.0250 5.00 89.7 70-130 Toluene 88.5 o-Xylene 4.42 0.0250 5.00 70-130 8.63 10.0 86.3 70-130 0.0500 p.m-Xvlene 87.0 70-130 13.1 15.0 Total Xylenes 0.0250 8.00 89.4 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.15 Matrix Spike (2528049-MS1) Source: E507040-01 Prepared: 07/08/25 Analyzed: 07/14/25 4.35 0.0250 5.00 ND 70-130 Benzene ND 70-130 Ethylbenzene 4.31 0.0250 5.00 86.1 Toluene 4.37 0.0250 5.00 ND 87.4 70-130 4.28 ND 85.5 70-130 5.00 0.0250 o-Xylene p,m-Xylene 8.55 0.0500 10.0 ND 85.5 70-130 12.8 0.0250 15.0 ND 85.5 70-130 Total Xylenes 7.75 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 Matrix Spike Dup (2528049-MSD1) Source: E507040-01 Prepared: 07/08/25 Analyzed: 07/14/25 4.51 0.0250 5.00 ND 90.1 70-130 3.63 27

ND

ND

ND

ND

ND

91.2

884

95.7

91.3

92.8

101

5.00

5.00

5.00

10.0

15.0

8.00

4.56

4 42

4.79

9.13

13.9

8.11

0.0250

0.0250

0.0250

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0.0250

70-130

70-130

70-130

70-130

70-130

70-130

5.79

1.05

11.3

6.65

8.21

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Hilcorp Energy Co	Project Name: Moore LS 6B	Reported:
PO Box 61529	Project Number: 17051-0002	-
Houston TX, 77208	Project Manager: Mitch Killough	7/14/2025 4:07:21PM

Houston TX, 77208		Project Manage	r: M	itch Killough				7/	14/2025 4:07:21PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2528049-BLK1)							Prepared: 0	7/08/25 Ana	lyzed: 07/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			
LCS (2528049-BS2)							Prepared: 0	7/08/25 Ana	lyzed: 07/11/25
Gasoline Range Organics (C6-C10)	44.6	20.0	50.0		89.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			
Matrix Spike (2528049-MS2)				Source:	E507040-	01	Prepared: 0	7/08/25 Ana	lyzed: 07/11/25
Gasoline Range Organics (C6-C10)	38.5	20.0	50.0	ND	77.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			
Matrix Spike Dup (2528049-MSD2)				Source:	E507040-	01	Prepared: 0	7/08/25 Ana	lyzed: 07/11/25
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130	9.88	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.10		8.00		88.7	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Moore LS 6B	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	7/14/2025 4:07:21PM

Houston TX, 7/208		Project Manager	r: Mi	tch Killough					7/14/2025 4:07:21PN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528072-BLK1)							Prepared: 0	7/08/25 A	nalyzed: 07/09/25
Diesel Range Organics (C10-C28)	ND	25.0							
oil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.1		50.0		102	61-141			
LCS (2528072-BS1)							Prepared: 0	7/08/25 A	nalyzed: 07/09/25
Diesel Range Organics (C10-C28)	272	25.0	250		109	66-144			
urrogate: n-Nonane	46.1		50.0		92.3	61-141			
Matrix Spike (2528072-MS1)				Source:	E507040-1	11	Prepared: 0	7/08/25 A	nalyzed: 07/09/25
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156			
urrogate: n-Nonane	48.9		50.0		97.8	61-141			
Matrix Spike Dup (2528072-MSD1)				Source:	E507040-1	11	Prepared: 0	7/08/25 A	nalyzed: 07/09/25
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	1.29	20	
urrogate: n-Nonane	50.2		50.0		100	61-141			

Matrix Spike Dup (2528086-MSD1)

Chloride

QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: Moore LS 6B Project Number: 17051-0002 Project Manager: Mitch Killough						Reported: 7/14/2025 4:07:21PM		
				00.0/9056	\				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2528086-BLK1)							Prepared: 0	7/08/25 A	nalyzed: 07/10/25
Chloride	ND	20.0							
LCS (2528086-BS1)							Prepared: 0	7/08/25 A	nalyzed: 07/10/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2528086-MS1)				Source:	E507040-	01	Prepared: 0	7/08/25 A	nalyzed: 07/10/25
Chloride	258	20.0	250	ND	103	80-120			

250

20.0

Source: E507040-01

102

80-120

1.50

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.



Prepared: 07/08/25 Analyzed: 07/10/25

20

Definitions and Notes

Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	07/14/25 16:07

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	Clie	nt Inform	Invoice Information					La	b Us	e Or	nly				TA	T		State			
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Address:					Phone:							Ana	alysis	and	Met	hod				EPA Program	
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Time			No. of	ounpie inionii		D 7	Lab		DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	ride	BGDOC - NM	TCEQ 1005 - TX	7 8 N				Remarks	
Sampled	Date Sampled	Matrix	Containers		Sample ID	Field	Lab Numb	er	DRO	GRO	втех	VOC	Chlo	BGD	TCEQ	RCR/					
7-937	7-3	5	ı	F510			1		×	X	X		X						4.8		
1243	(1	1	F511			2			1	1		1						4.6		
1247				F5 / 2			3												4.4		
1251				F513			4												4.0		
1256				5W16			5												4.2		
1259				Sw 17			10												4.5		
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	al Instruction	ns:	L				. 0							1					10		
I, (field samp	ler), attest to the	validity and	authenticity of this	sample. I am aware t	hat tampering with or intentionally mislabelin	ng the sam	ple locati	ion, d	ate or	time	of coll	ection	is con	sidere	d fraud	d and n	nay be g	grounds for	legal action.		
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Relinquishe	d by: (Signature	2)	Date	Time	Received by: (Signature)	Date		T	îme					T1		- 00		<u>T2</u>	<u>T3</u>		
Sample Matr	ix: S - Soil. Sd - So	olid, Sg - Slud	ge, A - Aqueous, O -	Other		Cont	tainer Ty	vne.	g - p	lass	n - n	oly/p	astic	AVG	i Ten	np °C	SS. V -	VOAT	1		
					r arrangements are made. Hazardous sar														the analysis o	of the abov	e 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.



nt or disposed of at the client expense. The report for the analysis of the above samples is report.

Page 186 envirotechis

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Addition	al Instruction	ns:																			
I, (field sam	oler), attest to the	validity and	fauthenticity of t	his sample. I am aware tha	t tampering with or intentionally mislabelin	ng the sam	ple location,	date o	r time	of coll	lection	is con	sidered	fraud	and m	ay be gro	unds for l	egal action.			
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Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other					Cont	tainer Type	2: g - i	glass.	p - p	oly/p					s, v - V(DAI					
			The state of the s		arrangements are made. Hazardous sa					-						MATURE LANCE	0000	ne analysis of	the above	samples is	
					ne liability of the laboratory is limited to															**************************************	



to or disposed of at the client expense. The report for the analysis of the above samples is report.

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Printed: 7/7/2025 8:00:37AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Hilcorp Energy Co	Date Received:	07/03/25 1	13:55		Work Order ID:	E507040
Phone:	-	Date Logged In:	07/07/25 0	07:56		Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	07/11/25 1	17:00 (5 day TA	Γ)		
Chain of Custody (COC)							
	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location	match the COC	Yes				
3. Were samples dropped off by client or carrier?			Yes	Carrie	: Eric Carroll		
4. Was th	e COC complete, i.e., signatures, dates/times, re	quested analyses?	Yes				
5. Were a	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			<u>Comment</u>	ts/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT	?	Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e 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 th	ne sample received on ice? Note: Thermal preservation is not required, if sample 15 minutes of sampling	es are received within	Yes				
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.							
Sample Container							
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)	?	NA				
17. Was a	a trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct contain	ners?	Yes				
19. Is the appropriate volume/weight or number of sample containers collected?		Yes					
Field Label							
	field sample labels filled out with the minimum	information:	37				
	ample ID? Date/Time Collected?		Yes				
	Collectors name?		Yes Yes				
	Preservation		103				
	the COC or field labels indicate the samples we	re preserved?	No				
22. Are s	ample(s) correctly preserved?	-	NA				
	filtration required and/or requested for dissolve	d metals?	No				
Multiphase Sample Matrix							
	the sample have more than one phase, i.e., multi	phase?	No				
	s, does the COC specify which phase(s) is to be a	_	NA				
Subcontract Laboratory							
	amples required to get sent to a subcontract labo	ratory?	No				
	amples required to get sent to a subcontract laboratory specified by the client at	-	NA NA	Subcontract I	oh. NA		
		nd ii so who:	11/1	Subcontract	Lau. NA		
Client I	<u>nstruction</u>						
1							
1							

Date



APPENDIX B

Agency Correspondence

To: <u>Stuart Hyde</u>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 460000

Date: Thursday, May 8, 2025 7:03:59 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#) nAPP2206056316.

The sampling event is expected to take place:

When: 05/13/2025 @ 09:00

Where: O-25-32N-12W 660 FSL 2340 FEL (36.95101,-108.04544)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Moore LS 6B well pad, 36.950915, -108.045987

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

To: Stuart Hyde

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 466074

Date: Wednesday, May 21, 2025 4:15:59 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#) nAPP2206056316.

The sampling event is expected to take place:

When: 05/27/2025 @ 09:00

Where: O-25-32N-12W 660 FSL 2340 FEL (36.95101,-108.04544)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Moore LS 6B well pad, 36.950915, -108.045987

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

To: <u>Stuart Hyde</u>

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 466077

Date: Wednesday, May 21, 2025 4:17:14 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#) nAPP2206056316.

The sampling event is expected to take place:

When: 05/28/2025 @ 09:00

Where: O-25-32N-12W 660 FSL 2340 FEL (36.95101,-108.04544)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Moore LS 6B well pad, 36.950915, -108.045987

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

To: Stuart Hyde

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 479829

Date: Friday, June 27, 2025 1:31:34 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#) nAPP2206056316.

The sampling event is expected to take place:

When: 07/03/2025 @ 12:01

Where: O-25-32N-12W 660 FSL 2340 FEL (36.95101,-108.04544)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Moore LS 6B well pad, 36.950915, -108.045987

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.

From: <u>Velez, Nelson, EMNRD</u>

To: <u>Stuart Hyde</u>

Cc: Mitch Killough; Chad Perkins; Eric Carroll; Osgood Froelich; Wes Weichert; Hall, Brittany, EMNRD; Bratcher,

Michael, EMNRD; Enviro, OCD, EMNRD

Subject: Re: [EXTERNAL] nAPP2206056316 - Moore LS 6B Extension Request

Date: Friday, June 27, 2025 10:18:34 AM

Attachments: image001.png image002.png

image003.png Outlook-ize5rpvv.png

[**EXTERNAL EMAIL**]

Good morning Stuart,

Since Hilcorp remedial efforts is currently ongoing, your 90-day time extension request is approved. Remediation Due date has been updated to September 29, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez • Environmental Specialist - Adv Environmental Bureau | EMNRD - Oil Conservation Division 1000 Rio Brazos Road | Aztec, NM 87410 (505) 469-6146 | nelson.velez@emnrd.nm.gov http://www.emnrd.nm.gov/ocd



From: Stuart Hyde <shyde@ensolum.com>

Sent: Friday, June 27, 2025 9:49 AM

To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>

Cc: Mitch Killough <mkillough@hilcorp.com>; Chad Perkins <cperkins@hilcorp.com>; Eric Carroll <ecarroll@ensolum.com>; Osgood Froelich <ofroelich@ensolum.com>; Wes Weichert <wweichert@ensolum.com>

Subject: [EXTERNAL] nAPP2206056316 - Moore LS 6B Extension Request

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

Nelson,

On behalf of Hilcorp, we are requesting an extension to the June 30, 2025 reporting deadline for the Moore LS 6B site located in San Juan County. At this time, Hilcorp has constructed the small landfarm and removed approximately 850 cubic yards of impacted soil from the excavation. Due to the unexpected depth of impacts discovered during the work, an engineered excavation design was required to remove soil down to a depth of 30 feet bgs. We are currently removing additional soil down to a depth of 30 feet. As such, we are requesting a 90-day extension to complete the remedial excavation and closure report with a new reporting deadline of Monday September 29, 2025.

Please reach out with any questions regarding the site. Thanks and have a great weekend.



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

Ensolum, LLC in f X

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

To: <u>Stuart Hyde</u>

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 357086

Date: Tuesday, July 2, 2024 9:02:06 AM

[**EXTERNAL EMAIL**]

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2206056316, with the following conditions:

• The revised remediation plan is approved as written. According to the workplan and approval from OCD Permitting Group, Hilcorp has 180-days (December 30, 2024) to submit to OCD its appropriate or final remediation closure report.

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you, Nelson Velez Environmental Specialist - Advanced 505-469-6146 Nelson.Velez@emnrd.nm.gov



APPENDIX C

Photographic Log

Page 118 of 163

Point 1. Title: 03Jul25 13:03



Ad-hoc

△La Plata NM 87418, United States ⊕ 03-Jul-25 13:03:17

+ 36.95100, -108.04570 UTM:12n 763063 4093515

MGRS:12SYF6306393515 (±14ft) Altitude: 6392 (±10ft)

Altitude: 6392 (±10ft) Heading: NW287 (±11°,T)



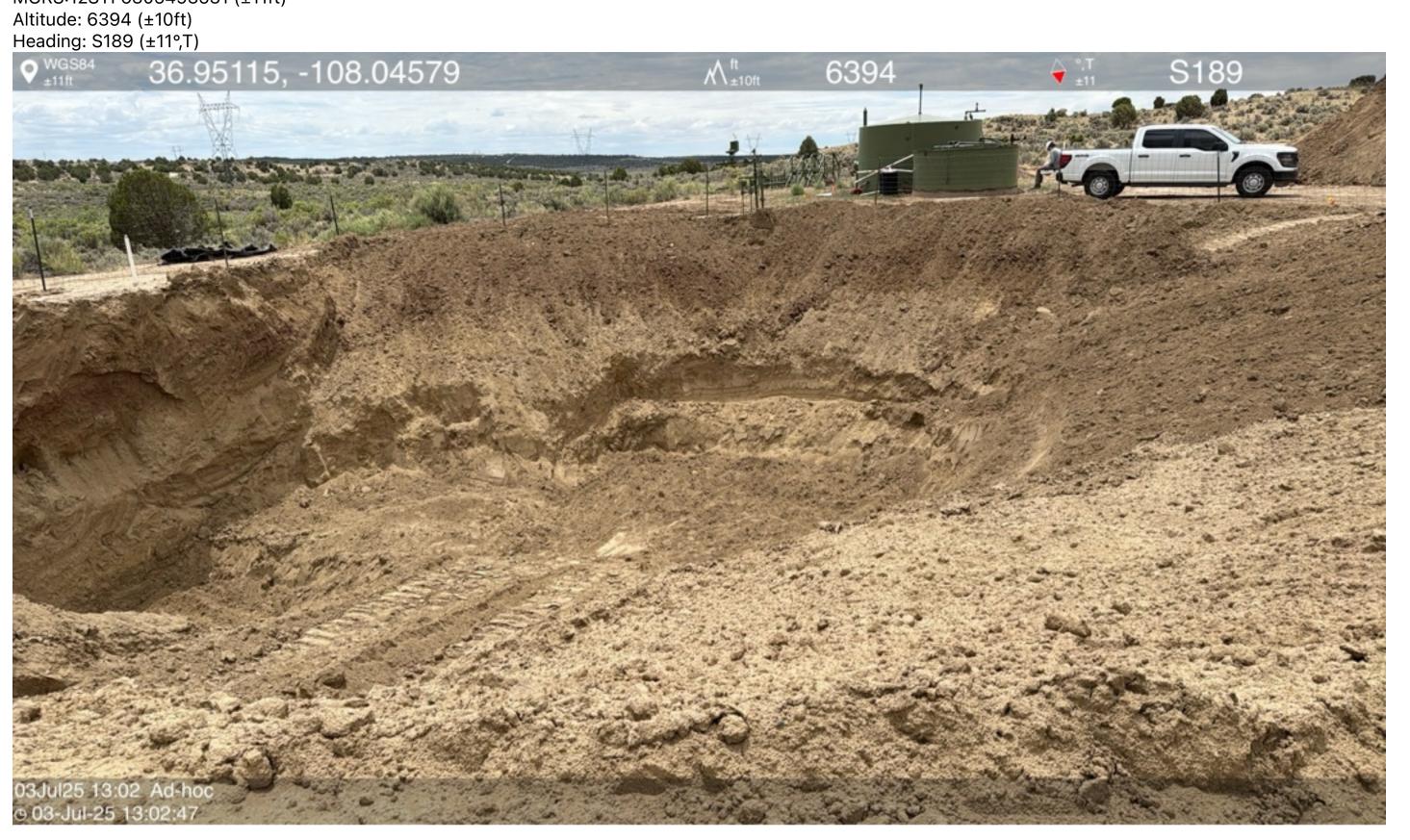
Received by OCD: 9/2/2025 9:33:45 AM Page 119 of 163

Point 2. Title: 03Jul25 13:02



Ad-hoc

⊕ 03-Jul-25 13:02:48 \$\phi\$ 36.95115, -108.04579 UTM:12n 763054 4093532 MGRS:12SYF6305493531 (±11ft)



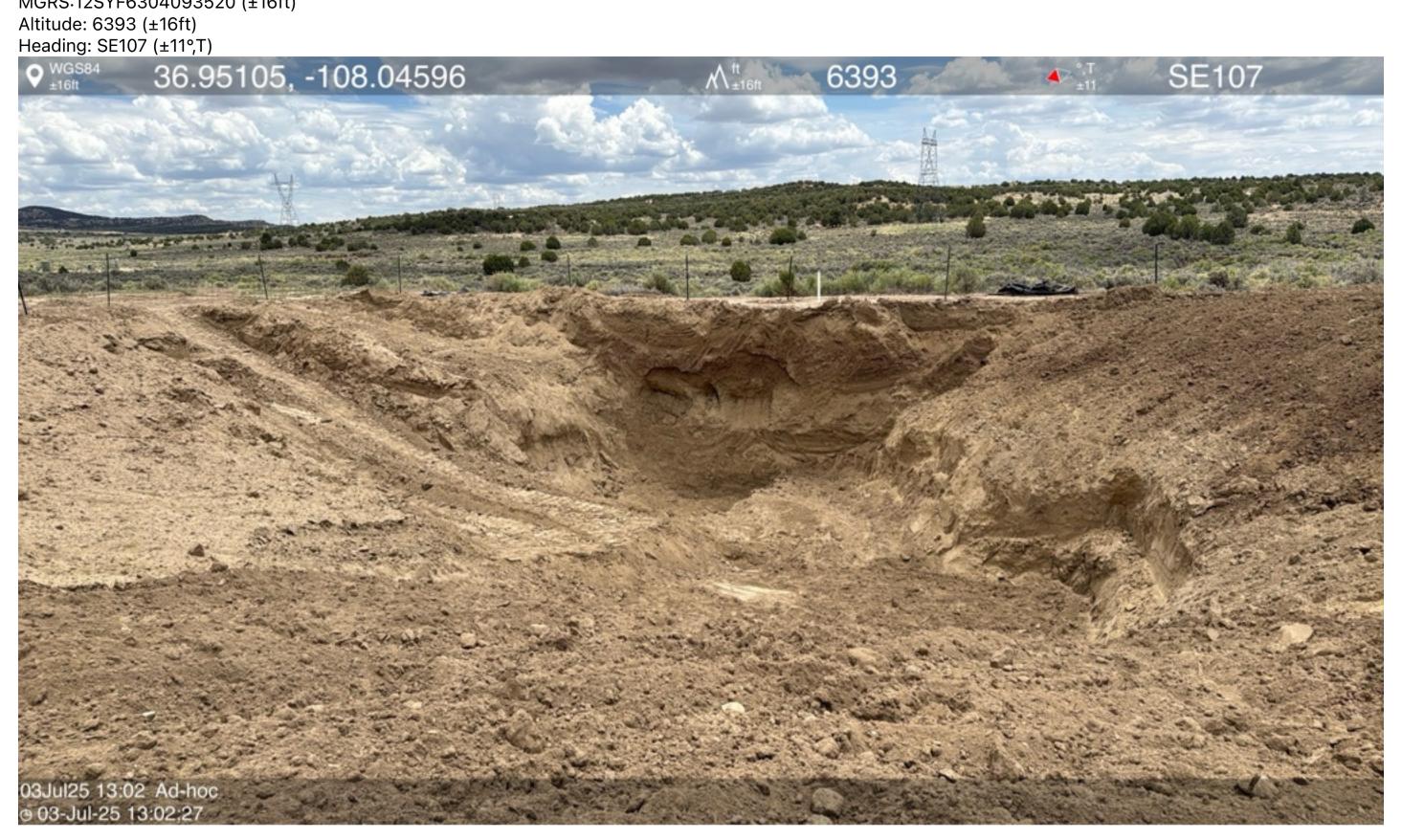
Received by OCD: 9/2/2025 9:33:45 AM Page 120 of 163

Point 3. Title: 03Jul25 13:02



Ad-hoc

⊕ 03-Jul-25 13:02:28 **4 36.95105, -108.04596** UTM:12n 763040 4093520 MGRS:12SYF6304093520 (±16ft)



Page 121 of 163

Point 4. Title: 03Jul25 13:02



Ad-110C

⊕ 03-Jul-25 13:02:23 ⊕ 36.95090, -108.04600 UTM:12n 763037 4093503 MGRS:12SYF6303693503 (±24ft)

Altitude: 6391 (±10ft) Heading: NE46 (±11°,T)





APPENDIX D

Small Landfarm Closure Soil Sample 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: Moore LS 6B

Work Order: E508225

Job Number: 17051-0002

Received: 8/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/27/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

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

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

Date Reported: 8/27/25

Mitch Killough PO Box 61529 Houston, TX 77208

Project Name: Moore LS 6B

Workorder: E508225

Date Received: 8/20/2025 12:20:00PM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/20/2025 12:20:00PM, under the Project Name: Moore LS 6B.

The analytical test results summarized in this report with the Project Name: Moore LS 6B 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

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Sample Summary

Hilcorp Energy Co	Project Name:	Moore LS 6B	Reported:
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	08/27/25 09:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS01	E508225-01A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS02	E508225-02A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS03	E508225-03A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS04	E508225-04A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS05	E508225-05A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS06	E508225-06A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS07	E508225-07A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS08	E508225-08A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS09	E508225-09A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS10	E508225-10A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS11	E508225-11A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS12	E508225-12A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS13	E508225-13A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS14	E508225-14A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS15	E508225-15A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS16	E508225-16A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS17	E508225-17A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS18	E508225-18A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS19	E508225-19A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.
CS20	E508225-20A	Soil	08/20/25	08/20/25	Glass Jar, 2 oz.



ſ	Hilcorp Energy Co	Project Name:	Moore LS 6B	
	PO Box 61529	Project Number:	17051-0002	Reported:
	Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS01 E508225-01

Prepared 1: BA 08/20/25 08/20/25 08/20/25	Analyzed 08/20/25 08/20/25	Notes Batch: 2534082
08/20/25 08/20/25 08/20/25	08/20/25 08/20/25	
08/20/25 08/20/25 08/20/25	08/20/25	Batch: 2534082
08/20/25 08/20/25	08/20/25	
08/20/25		
	08/20/25	
08/20/25	08/20/25	
08/20/25	08/20/25	
08/20/25	08/20/25	
08/20/25	08/20/25	
08/20/25	08/20/25	
08/20/25	08/20/25	
t: BA		Batch: 2534082
08/20/25	08/20/25	
08/20/25	08/20/25	
08/20/25	08/20/25	
08/20/25	08/20/25	
i: NV		Batch: 2534093
08/21/25	08/25/25	
08/21/25	08/25/25	
08/21/25	08/25/25	
t: IY		Batch: 2534100
08/21/25	08/21/25	
1	08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 t: BA 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 t: NV 08/21/25 08/21/25 08/21/25	08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 t: BA 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 08/20/25 t: NV 08/21/25 08/25/25 08/21/25 08/25/25 08/21/25 08/25/25



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS02

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Benzene	ND	0.0250		1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250		1	08/20/25	08/20/25	
Toluene	ND	0.0250		1	08/20/25	08/20/25	
o-Xylene	ND	0.0250		1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500		1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		96.9 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		102 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		96.9 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		102 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	ND	25.0		1	08/21/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/21/25	08/25/25	
Surrogate: n-Nonane		109 %	61-141		08/21/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2534100
Chloride	ND	20.0		1	08/21/25	08/21/25	



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS03

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	d Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2534082
Benzene	ND	0.0250	1	08/20/25	5 08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	5 08/20/25	
Toluene	ND	0.0250	1	08/20/25	5 08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	5 08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	5 08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	5 08/20/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130	08/20/23	5 08/20/25	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	08/20/23	5 08/20/25	
Surrogate: Toluene-d8		101 %	70-130	08/20/23	5 08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	5 08/20/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130	08/20/23	5 08/20/25	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130	08/20/23	5 08/20/25	
Surrogate: Toluene-d8		101 %	70-130	08/20/23	5 08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	ND	25.0	1	08/21/25	5 08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	5 08/25/25	
Surrogate: n-Nonane		105 %	61-141	08/21/23	5 08/25/25	
	mg/kg	mg/kg	A	Analyst: IY		Batch: 2534100
Anions by EPA 300.0/9056A	mg/kg			,		Butten: 200 :100



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS04

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Benzene	ND	0.0250		1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250		1	08/20/25	08/20/25	
Toluene	ND	0.0250		1	08/20/25	08/20/25	
o-Xylene	ND	0.0250		1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500		1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		99.9 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		99.9 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	34.7	25.0		1	08/21/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/21/25	08/25/25	
Surrogate: n-Nonane		106 %	61-141		08/21/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2534100
· · · · · · · · · · · · · · · · · · ·	ND	20.0		1	08/21/25	08/21/25	

Hilcorp Energy Co	Project Name:	Moore LS 6B	
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Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS05

		Reporting					
Analyte	Result	Limit	Dilut	tion Pro	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2534082
Benzene	ND	0.0250	1	08	/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08	3/20/25	08/20/25	
Toluene	ND	0.0250	1	08	3/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08	/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08	3/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08	/20/25	08/20/25	
Surrogate: Bromofluorobenzene		95.5 %	70-130	08	2/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08	2/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130	08	2/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA			Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08	/20/25	08/20/25	
Surrogate: Bromofluorobenzene		95.5 %	70-130	08	2/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	08	2/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130	08	2/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2534093
Diesel Range Organics (C10-C28)	28.3	25.0	1	08	/21/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08	/21/25	08/25/25	
Surrogate: n-Nonane		105 %	61-141	08	2/21/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2534100
Allions by EFA 500.0/9030A							



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS06

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Benzene	ND	0.0250	1		08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1		08/20/25	08/20/25	
Toluene	ND	0.0250	1		08/20/25	08/20/25	
o-Xylene	ND	0.0250	1		08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1		08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1		08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		96.9 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		96.9 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2534093
Diesel Range Organics (C10-C28)	62.0	25.0	1		08/21/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1		08/21/25	08/25/25	
Surrogate: n-Nonane		110 %	61-141		08/21/25	08/25/25	
A:	mg/kg	mg/kg		Analyst:	IY		Batch: 2534100
Anions by EPA 300.0/9056A							



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Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS07

		Reporting					
Analyte	Result	Limit	Dilut	tion Pr	repared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2534082
Benzene	ND	0.0250	1	08	8/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08	8/20/25	08/20/25	
Toluene	ND	0.0250	1	08	8/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08	8/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08	8/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08	8/20/25	08/20/25	
Surrogate: Bromofluorobenzene		93.7 %	70-130	08	8/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	08	8/20/25	08/20/25	
Surrogate: Toluene-d8		102 %	70-130	06	8/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA			Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08	8/20/25	08/20/25	
Surrogate: Bromofluorobenzene		93.7 %	70-130	08	8/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	08	8/20/25	08/20/25	
Surrogate: Toluene-d8		102 %	70-130	08	8/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2534093
Diesel Range Organics (C10-C28)	87.6	25.0	1	08	8/21/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08	8/21/25	08/25/25	
Surrogate: n-Nonane		110 %	61-141	08	8/21/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2534100
inions by Elitteooio/2000ii							



Hilcorp Energy Co	Project Name:	Moore LS 6B	
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Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS08

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Benzene	ND	0.0250		1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250		1	08/20/25	08/20/25	
Toluene	ND	0.0250		1	08/20/25	08/20/25	
o-Xylene	ND	0.0250		1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500		1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		94.7 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		99.9 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		94.7 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		99.9 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2534093
Diesel Range Organics (C10-C28)	56.8	25.0		1	08/21/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/21/25	08/25/25	
Surrogate: n-Nonane		110 %	61-141		08/21/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2534100
Chloride	ND	20.0		1	08/21/25	08/21/25	



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CS09

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Benzene	ND	0.0250		1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250		1	08/20/25	08/20/25	
Toluene	ND	0.0250		1	08/20/25	08/20/25	
o-Xylene	ND	0.0250		1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500		1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		94.7 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		94.7 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		107 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	41.9	25.0		1	08/21/25	08/26/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/21/25	08/26/25	
Surrogate: n-Nonane		108 %	61-141		08/21/25	08/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2534100
Chloride	ND	20.0		1	08/21/25	08/21/25	



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CS10

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Benzene	ND	0.0250		1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250		1	08/20/25	08/20/25	
Toluene	ND	0.0250		1	08/20/25	08/20/25	
o-Xylene	ND	0.0250		1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500		1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130		08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		08/20/25	08/20/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	78.7	25.0		1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/21/25	08/22/25	
Surrogate: n-Nonane		111 %	61-141		08/21/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2534100
	ND	20.0		1	08/21/25	08/21/25	

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CS11

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	l Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2534082
Benzene	ND	0.0250	1	08/20/25	08/20/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/20/25	
Toluene	ND	0.0250	1	08/20/25	08/20/25	
o-Xylene	ND	0.0250	1	08/20/25	08/20/25	
p,m-Xylene	ND	0.0500	1	08/20/25	08/20/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130	08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/20/25	08/20/25	
Surrogate: Toluene-d8		98.5 %	70-130	08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/20/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130	08/20/25	08/20/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/20/25	08/20/25	
Surrogate: Toluene-d8		98.5 %	70-130	08/20/25	08/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	182	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		113 %	61-141	08/21/25	08/22/25	
4 . I ED 4 200 0/005//	mg/kg	mg/kg	A	Analyst: IY		Batch: 2534100
Anions by EPA 300.0/9056A	8 8	υ υ				



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CS12 E508225-12

		12000112				
Analyte	Result	Reporting Limit	; Dilut	tion Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst: BA	111111,204	Batch: 2534082
Volatile Organic Compounds by EPA 8260B	ND	0.0250	1	08/20/25	08/21/25	Batch. 2334002
Benzene			1	08/20/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/20/25	08/21/25	
Toluene	ND	0.0250	1	08/20/25	08/21/25	
o-Xylene	ND	0.0250	1			
p,m-Xylene	ND	0.0500	1	08/20/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/20/25	08/21/25	
Surrogate: Toluene-d8		99.6 %	70-130	08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		101 %	70-130	08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/20/25	08/21/25	
Surrogate: Toluene-d8		99.6 %	70-130	08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	215	25.0	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/25	08/22/25	
Surrogate: n-Nonane		111 %	61-141	08/21/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2534100
Chloride	ND	20.0	1	08/21/25	08/21/25	



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CS13 E508225-13

		1000110					
Apolyto	Result	Reporting Limit		ution	Dronarad	Analyzed	Notes
Analyte	Kesuit	Limit	Dill	ution	Prepared	Anaiyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2534082
Benzene	ND	0.0250		1	08/20/25	08/21/25	
Ethylbenzene	ND	0.0250		1	08/20/25	08/21/25	
Toluene	ND	0.0250		1	08/20/25	08/21/25	
o-Xylene	ND	0.0250		1	08/20/25	08/21/25	
p,m-Xylene	ND	0.0500		1	08/20/25	08/21/25	
Total Xylenes	ND	0.0250		1	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		95.8 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		100 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		95.8 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		100 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	175	25.0		1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/21/25	08/22/25	
Surrogate: n-Nonane		109 %	61-141		08/21/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2534100
Chloride	ND	20.0		1	08/21/25	08/21/25	_



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Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS14

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Benzene	ND	0.0250	1	1	08/20/25	08/21/25	
Ethylbenzene	ND	0.0250	1	l	08/20/25	08/21/25	
Toluene	ND	0.0250	1	l	08/20/25	08/21/25	
o-Xylene	ND	0.0250	1	l	08/20/25	08/21/25	
p,m-Xylene	ND	0.0500	1	l	08/20/25	08/21/25	
Total Xylenes	ND	0.0250	1	l	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		101 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		99.6 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		101 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		99.6 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2534093
Diesel Range Organics (C10-C28)	29.3	25.0	1	1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	08/21/25	08/22/25	
Surrogate: n-Nonane		108 %	61-141		08/21/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2534100
Allions by ETA 500.0/7050A							



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS15 E508225-15

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Benzene	ND	0.0250		1	08/20/25	08/21/25	
Ethylbenzene	ND	0.0250		1	08/20/25	08/21/25	
Toluene	ND	0.0250		1	08/20/25	08/21/25	
o-Xylene	ND	0.0250		1	08/20/25	08/21/25	
p,m-Xylene	ND	0.0500		1	08/20/25	08/21/25	
Total Xylenes	ND	0.0250		1	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		98.2 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		98.2 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2534093
Diesel Range Organics (C10-C28)	69.1	25.0		1	08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0		1	08/21/25	08/22/25	
Surrogate: n-Nonane		111 %	61-141		08/21/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2534100
· · · · · · · · · · · · · · · · · · ·	ND	20.0			08/21/25	08/21/25	<u> </u>



Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS16

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Benzene	ND	0.0250	1	[08/20/25	08/21/25	
Ethylbenzene	ND	0.0250	1	l	08/20/25	08/21/25	
Toluene	ND	0.0250	1	l	08/20/25	08/21/25	
o-Xylene	ND	0.0250	1	1	08/20/25	08/21/25	
p,m-Xylene	ND	0.0500	1	l	08/20/25	08/21/25	
Total Xylenes	ND	0.0250	1	l	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		97.4 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		103 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		97.4 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		103 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2534093
Diesel Range Organics (C10-C28)	30.4	25.0	1		08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	08/21/25	08/22/25	
Surrogate: n-Nonane		108 %	61-141		08/21/25	08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2534100

Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS17 E508225-17

		2000220 17				
Analyte	Result	Reporting Limit	Dilu	tion Prepar	red Analyzed	Notes
				Analyst: BA	7 mary 2cu	Batch: 2534082
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg			/25 09/21/25	Baten: 2554082
Benzene	ND	0.0250	1	00,20,		
Ethylbenzene	ND	0.0250	1	08/20/		
Toluene	ND	0.0250	1	00,20,		
o-Xylene	0.140	0.0250	1	08/20/		
p,m-Xylene	0.561	0.0500	1	08/20/		
Total Xylenes	0.701	0.0250	1	08/20/	/25 08/21/25	
Surrogate: Bromofluorobenzene		102 %	70-130	08/20/	/25 08/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/20/	/25 08/21/25	
Surrogate: Toluene-d8		99.0 %	70-130	08/20/	/25 08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	34.2	20.0	1	08/20/	/25 08/21/25	
Surrogate: Bromofluorobenzene		102 %	70-130	08/20/	/25 08/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/20/	/25 08/21/25	
Surrogate: Toluene-d8		99.0 %	70-130	08/20/	/25 08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Analyst: NV			Batch: 2534093
Diesel Range Organics (C10-C28)	99.7	25.0	1	08/21/	/25 08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/	/25 08/22/25	
Surrogate: n-Nonane		110 %	61-141	08/21/	/25 08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2534100
Chloride	ND	20.0	1	08/21/	/25 08/21/25	



Sample Data

Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS18

E508225-18

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2534082
Benzene	ND	0.0250	1	08/2	20/25	08/21/25	
Ethylbenzene	ND	0.0250	1	08/2	20/25	08/21/25	
Toluene	ND	0.0250	1	08/2	20/25	08/21/25	
o-Xylene	ND	0.0250	1	08/2	20/25	08/21/25	
p,m-Xylene	ND	0.0500	1	08/2	20/25	08/21/25	
Total Xylenes	ND	0.0250	1	08/2	20/25	08/21/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130	08/2	20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/2	20/25	08/21/25	
Surrogate: Toluene-d8		101 %	70-130	08/2	20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA			Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/2	20/25	08/21/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130	08/2	20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/2	20/25	08/21/25	
Surrogate: Toluene-d8		101 %	70-130	08/2	20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2534093
Diesel Range Organics (C10-C28)	79.5	25.0	1	08/2	21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/2	21/25	08/22/25	
Surrogate: n-Nonane		109 %	61-141	08/2	21/25	08/22/25	
A L. EDA 200 0/005 (A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2534100
Anions by EPA 300.0/9056A							



Sample Data

Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS19

E508225-19

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2534082
Benzene	ND	0.0250	1	08/20/2	25 08/21/25	
Ethylbenzene	ND	0.0250	1	08/20/2	25 08/21/25	
Toluene	ND	0.0250	1	08/20/2	25 08/21/25	
o-Xylene	ND	0.0250	1	08/20/2	25 08/21/25	
p,m-Xylene	ND	0.0500	1	08/20/2	25 08/21/25	
Total Xylenes	ND	0.0250	1	08/20/2	25 08/21/25	
Surrogate: Bromofluorobenzene		98.2 %	70-130	08/20/2	25 08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/20/2	25 08/21/25	
Surrogate: Toluene-d8		103 %	70-130	08/20/2	25 08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA		Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/20/2	25 08/21/25	
Surrogate: Bromofluorobenzene		98.2 %	70-130	08/20/2	25 08/21/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/20/2	25 08/21/25	
Surrogate: Toluene-d8		103 %	70-130	08/20/2	25 08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2534093
Diesel Range Organics (C10-C28)	53.7	25.0	1	08/21/2	25 08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/21/2	25 08/22/25	
Surrogate: n-Nonane		104 %	61-141	08/21/2	25 08/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2534100
Amons by ETA 500.0/7050A						



Sample Data

Hilcorp Energy Co	Project Name:	Moore LS 6B	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

CS20

E508225-20

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2534082
Benzene	ND	0.0250	1		08/20/25	08/21/25	
Ethylbenzene	ND	0.0250	1		08/20/25	08/21/25	
Toluene	ND	0.0250	1		08/20/25	08/21/25	
o-Xylene	ND	0.0250	1		08/20/25	08/21/25	
p,m-Xylene	ND	0.0500	1		08/20/25	08/21/25	
Total Xylenes	ND	0.0250	1		08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		96.2 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	g mg/kg		Analyst: BA			Batch: 2534082
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/20/25	08/21/25	
Surrogate: Bromofluorobenzene		96.2 %	70-130		08/20/25	08/21/25	
Surrogate: 1,2-Dichloroethane-d4		106 %	70-130		08/20/25	08/21/25	
Surrogate: Toluene-d8		101 %	70-130		08/20/25	08/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV	,		Batch: 2534093
Diesel Range Organics (C10-C28)	79.6	25.0	1		08/21/25	08/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1		08/21/25	08/22/25	
Surrogate: n-Nonane		108 %	61-141		08/21/25	08/22/25	
A . 1 EDA 200 0/0056 A	mg/kg	mg/kg	A	Analyst: IY			Batch: 2534100
Anions by EPA 300.0/9056A	8 8	υ υ					



QC Summary Data

Moore LS 6B Hilcorp Energy Co Project Name: Reported: Project Number: PO Box 61529 17051-0002 Houston TX, 77208 Project Manager: Mitch Killough 8/27/2025 9:02:41AM **Volatile Organic Compounds by EPA 8260B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2534082-BLK1) Prepared: 08/20/25 Analyzed: 08/20/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.476 0.500 95.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 0.500 97.7 70-130 0.500 101 70-130 Surrogate: Toluene-d8 0.506 LCS (2534082-BS1) Prepared: 08/20/25 Analyzed: 08/20/25 2.24 0.0250 2.50 89.6 70-130 Benzene 2.40 2.50 70-130 96.0 Ethylbenzene 0.0250 2.38 0.0250 2.50 95.1 70-130 70-130 2.23 0.0250 2.50 89.2 o-Xylene 4.54 5.00 90.8 70-130 p,m-Xylene 0.0500 6.77 0.0250 7.50 90.3 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.474 0.500 94.8 70-130 0.500 99.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 Surrogate: Toluene-d8 0.500 0.518 Matrix Spike (2534082-MS1) Source: E508225-07 Prepared: 08/20/25 Analyzed: 08/20/25 2.27 0.0250 2.50 ND 90.8 48-131 45-135 Ethylbenzene 2.41 0.0250 2.50 ND 96.5 99.3 48-130 Toluene 2.48 0.0250 2.50 ND 2.27 0.0250 2.50 ND 90.8 43-135 o-Xylene ND 92.2 43-135 p,m-Xylene 4.61 0.0500 5.00 Total Xylenes 6.88 0.0250 7.50 ND 91.7 43-135 95.3 Surrogate: Bromofluorobenzene 0.477 0.500 70-130 0.519 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.519 Surrogate: Toluene-d8 Matrix Spike Dup (2534082-MSD1) Source: E508225-07 Prepared: 08/20/25 Analyzed: 08/20/25



Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

2.31

2.46

2.39

4.83

7.22

0.487

0.506

0.517

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

ND

92.5

99.1

98.4

95.6

96.6

96.3

974

101

103

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

1.85

2.66

0.890

5.15

4.70

4.85

23

27

24

27

27

27

QC Summary Data

Moore LS 6B Hilcorp Energy Co Project Name: Reported: PO Box 61529 Project Number: 17051-0002 8/27/2025 9:02:41AM Houston TX, 77208 Project Manager: Mitch Killough

Nab-l	1 0	L. EDA	001ED	CDO
Nonhalogenate	d Organics	DV EPA	X015D -	(+K()

Analyst: BA

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

Timily to	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534082-BLK1)							Prepared: 08	8/20/25 Anal	yzed: 08/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.476		0.500		95.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
LCS (2534082-BS2)							Prepared: 08	8/20/25 Anal	yzed: 08/20/25
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0		117	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.7	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
Matrix Spike (2534082-MS2)				Source: E508225-07			Prepared: 08/20/25 Analyzed: 08/20/25		
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			
Matrix Spike Dup (2534082-MSD2)		Source:	E508225-0	07	Prepared: 08	8/20/25 Anal	yzed: 08/20/25		
Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130	0.0926	20	
Surrogate: Bromofluorobenzene	0.495		0.500		98.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	Moore LS 6B	Reported:
PO Box 61529	Project Number:	17051-0002	•
Houston TX, 77208	Project Manager:	Mitch Killough	8/27/2025 9:02:41AM

Houston TX, 77208		Project Manage	r: Mi	itch Killough					8/27/2025 9:02:41AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534093-BLK1)							Prepared: 0	8/21/25 A	nalyzed: 08/25/25
riesel Range Organics (C10-C28)	ND	25.0							
til Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	53.3		50.0		107	61-141			
.CS (2534093-BS1)							Prepared: 0	8/21/25 A	nalyzed: 08/25/25
riesel Range Organics (C10-C28)	298	25.0	250		119	66-144			
urrogate: n-Nonane	52.5		50.0		105	61-141			
Matrix Spike (2534093-MS1)				Source:	E508225-0	09	Prepared: 0	8/21/25 A	nalyzed: 08/26/25
riesel Range Organics (C10-C28)	323	25.0	250	41.9	112	56-156			
urrogate: n-Nonane	51.6		50.0		103	61-141			
Matrix Spike Dup (2534093-MSD1)				Source:	E508225-0	09	Prepared: 0	8/21/25 A	nalyzed: 08/26/25
tiesel Range Organics (C10-C28)	324	25.0	250	41.9	113	56-156	0.442	20	
urrogate: n-Nonane	50.2		50.0		100	61-141			



Matrix Spike Dup (2534100-MSD1)

Chloride

253

QC Summary Data

Hilcorp Energy Co		Project Name:		oore LS 6B					Reported:
PO Box 61529 Houston TX, 77208		Project Number: Project Manager		7051-0002 itch Killough					8/27/2025 9:02:41AM
		Anions	by EPA 3	600.0/9056 <i>A</i>	A				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2534100-BLK1)							Prepared: 0	8/21/25 A	nalyzed: 08/21/25
Chloride	ND	20.0							
LCS (2534100-BS1)							Prepared: 0	8/21/25 A	nalyzed: 08/21/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2534100-MS1)				Source:	E508225-	03	Prepared: 0	8/21/25 A	nalyzed: 08/21/25
Chloride	254	20.0	250	ND	102	80-120			

250

20.0

Source: E508225-03

ND

101

80-120

0.196

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.



Prepared: 08/21/25 Analyzed: 08/21/25

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Definitions and Notes

ſ	Hilcorp Energy Co	Project Name:	Moore LS 6B	
١	PO Box 61529	Project Number:	17051-0002	Reported:
١	Houston TX, 77208	Project Manager:	Mitch Killough	08/27/25 09:02

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.





Client Information					Invoice Information			Lab Use Only									TAT State				te		
Client: H: Corp Energy Company Company: Project Name: Moore LS 6B Address: 5A				Lab WO# Job Number E508225 17051-00							1D 2D 3D Std				NM	CO U1	TX						
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Printed: 8/20/2025 12:57:54PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Hilcorp Energy Co	Date Received:	08/20/25 1	2:20	Work Order ID:	E508225
Phone:	-	Date Logged In:	08/20/25 1	2:33	Logged In By:	Noe Soto
Email:	mkillough@hilcorp.com	Due Date:	08/27/25 0	07:00 (5 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	itch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Osgood Froeli	<u>ch</u>	
	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		<u>Commen</u>	ts/Resolution
Sample T	Turn Around Time (TAT)					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
	e sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling OC for individual sample temps. Samples outside of		Yes	n comments		
		of 0 C-0 C will be	recorded in	ii comments.		
	Container		NT-			
	queous VOC samples present?		No NA			
	OC samples collected in VOA Vials?		NA NA			
	head space less than 6-8 mm (pea sized or less)?					
	trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal		. ,.				
	field sample labels filled out with the minimum inf ample ID?	ormation:	Yes			
	Pate/Time Collected?		Yes			
	ollectors name?		Yes			
Sample I	Preservation					
_	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filtration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multipla	ase?	No			
	, does the COC specify which phase(s) is to be anal		NA			
•		•	1471			
	act Laboratory amples required to get sent to a subcontract laborate	amr9	No			
	subcontract laboratory specified by the client and	-		Subcontract Lab: NA		
Client I	<u>nstruction</u>					
						_

Date

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

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 501006

QUESTIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	501006
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2206056316					
Incident Name	NAPP2206056316 MOORE LS 6B @ 30-045-30564					
Incident Type	Other					
Incident Status	Remediation Closure Report Received					
Incident Well	[30-045-30564] MOORE LS #006B					

ocation of Release Source					
Please answer all the questions in this group.					
Site Name	MOORE LS 6B				
Date Release Discovered	02/14/2022				
Surface Owner	Private				

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

Nature and Volume of Release						
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.						
Crude Oil Released (bbls) Details	Not answered.					
Produced Water Released (bbls) Details	Not answered.					
Is the concentration of chloride in the produced water >10,000 mg/l	No					
Condensate Released (bbls) Details	Cause: Vandalism Production Tank Condensate Released: 42 BBL Recovered: 0 BBL Lost: 42 BBL.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	This incident occurred due to two bullet holes in the condensate storage tank at 1' 8" from the bottom of the vessel.					

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

QUESTIONS, Page 2

Action 501006

QUESTI	ONS (continued)
Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171 Action Number: 501006 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.	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 s	afety 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	False
If all the actions described above have not been undertaken, explain why	When the condensate storage tank drained out, the spilled fluids flowed downgradient immediately adjacent to the BGT and the fluids soaked into the ground. All of this occurred within a secondary containment berm, but no fluids could be recovered following this act of vandalism.
	I ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com

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, Page 3

Action 501006

QUESTIONS (continued)

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	501006
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization					
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the				
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)				
What method was used to determine the depth to ground water	NM OSE iWaters Database Search				
Did this release impact groundwater or surface water	No				
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:					
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (ft.)				
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)				
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)				
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)				
Any other fresh water well or spring	Between ½ and 1 (mi.)				
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)				
A wetland	Between 300 and 500 (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 300 and 500 (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	o 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 contaminatio	on 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 m	nilligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	350
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2340
GRO+DRO (EPA SW-846 Method 8015M)	2340
BTEX (EPA SW-846 Method 8021B or 8260B)	109.2
Benzene (EPA SW-846 Method 8021B or 8260B)	0.3
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	09/25/2024
On what date will (or did) the final sampling or liner inspection occur	09/25/2024
On what date will (or was) the remediation complete(d)	09/25/2024
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	800
What is the estimated volume (in cubic yards) that will be remediated	500
These estimated dates and measurements are recognized to be the best guess or calculation at the	he 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.

Released to Imaging: 9/16/2025 7:29:01 AM

General Information Phone: (505) 629-6116

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

QUESTIONS, Page 4

Action 501006

QUESTIONS (continued)

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	501006
	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.)	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Yes
Which OCD approved facility will be used for on-site disposal	Not answered.
OR which OCD approved well (API) will be used for on-site disposal	30-045-30564 MOORE LS #006B
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

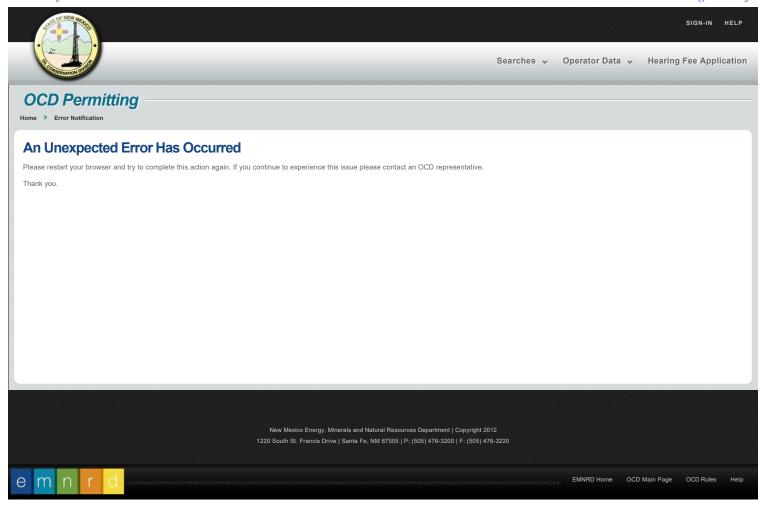
I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

I hereby agree and sign off to the above statement

Email: shyde@ensolum.com
Date: 06/25/2024

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.



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, Page 6

Action 501006

QUESTIONS (conf	tinuea)
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Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	501006
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	496385
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/20/2025
What was the (estimated) number of samples that were to be gathered	22
What was the sampling surface area in square feet	40000

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	1500	
What was the total volume (cubic yards) remediated	850	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	N/A	

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

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

I hereby agree and sign off to the above statement

Name: Stuart Hyde
Title: Senior Geologist
Email: shyde@ensolum.com
Date: 09/02/2025

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 501006

QUESTIONS (continued)

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	501006
	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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 501006

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	501006
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Create By	d Condition	Condition Date
nvel	None None	9/16/2025