ENSOLUM

December 16, 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
RF Mckenzie B 1F
Hilcorp Energy Company
NMOCD Incident No: nAPP2526626258

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *Remediation Report and Closure Request* for a release at the RF McKenzie B 1F natural gas production well (Site). The Site is located on federal land managed by the Bureau of Land Management (BLM) in Unit M, Section 9, Township 30 North, Range 12 West, 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 the release.

SITE BACKGROUND

On September 22, 2025, Hilcorp personnel discovered a discrepancy in tank gauging readings. It was determined a hole formed on the bottom of the tank, likely due to corrosion, and released 37.65 barrels (bbls) of condensate and 11.66 bbls of produced water at the Site. Upon further inspection, Hilcorp personnel discovered stained soils below the above ground storage tank (AST). At that time, the AST was removed from service. The spilled fluids did not migrate horizontally outside of secondary containment; however, no fluids were recovered. Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on September 23, 2025. The NMOCD has assigned the Site Incident Number nAPP2526626258.

SITE CHARACTERIZATION

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

POTENTIAL SENSITIVE RECEPTORS

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

The nearest significant watercourse to the Site is a dry wash located approximately 1,164 feet northeast of the well pad. The nearest constructed fresh water well is NMOSE permitted well SJ-03058 (Appendix A), located approximately 5,123 feet northeast of the Site with a recorded depth to water of 48 feet below ground surface (bgs). The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake, and greater than 300 feet from any wetland. No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site. The Site is not within a 100-year floodplain, overlying a subsurface mine, or located within an area underlain by unstable geology (area designated as medium to high potential karst by the BLM). Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site. A Site receptor map is shown on Figure 1.

SITE CLOSURE CRITERIA

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

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

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Due to the volume of the release, Hilcorp conducted excavation activities between October 2 and November 20, 2025, in order to remove impacted soil. To direct excavation activities, Ensolum personnel field screened soil for volatile organic compounds (VOCs) using a calibrated photoionization detector (PID). Once field screening indicated impacts had been removed, confirmation soil samples of the excavation floor and sidewalls were collected on November 20, 2025. A notification of sampling activities was provided to the NMOCD prior to confirmation soil sampling and is attached as Appendix B.

Five-point composite soil samples were collected from the floor and sidewalls of the excavation at a frequency not exceeding one sample for every 200 square feet (sidewalls samples SW01 through SW10 and floor samples FS01 through FS06). The five-point composite samples were collected by placing five equivalent aliquots of soil into resealable plastic bag and homogenizing the samples by thoroughly mixing. Additionally, four discrete soil samples were collected from surface soils outside of the excavation footprint to confirm the lateral extents of impacts had been successfully delineated (SS01 through SS04). All soil samples were placed into laboratory provided containers and transported under proper chain of custody procedures to Envirotech Analytical Laboratory (Envirotech) and analyzed for BTEX following United States Environmental Protection Agency (EPA) Method 8021B, TPH following EPA Method 8015M/D, and chloride following EPA Method 300.0.

Analytical results from the final excavation extent indicated concentrations of BTEX, TPH, and chloride were compliant with NMOCD Table I Closure Criteria in all confirmation soil samples. In total, the excavation measured approximately 1,160 square feet in areal extent to depths up to 14 feet bgs. Approximately 821 cubic yards of impacted soil was removed and transported to the Envirotech Landfarm located in San Juan County, New Mexico. Soil sample results are summarized in Table 1, with complete laboratory analytical report attached as Appendix C. Photographs of the final excavation extent, taken by Ensolum once excavation work was complete, are presented in Appendix D.

CLOSURE REQUEST

Site excavation and sampling activities were conducted at the Site to address the release discovered on September 22, 2025. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2526626258.

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

Sincerely,
Ensolum, LLC

Eric Carroll
Project Geologist
(303) 842-9578
ecarroll@ensolum.com

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

Attachments:

Figure 1: Site Location Map
Figure 2: Excavation Soil Sample Locations

Table 1: Soil Sample Analytical Results

Appendix A: Depth to Water Determination
Appendix B: Agency Correspondence
Appendix C: Laboratory Analytical Report
Appendix D: Photographic Log

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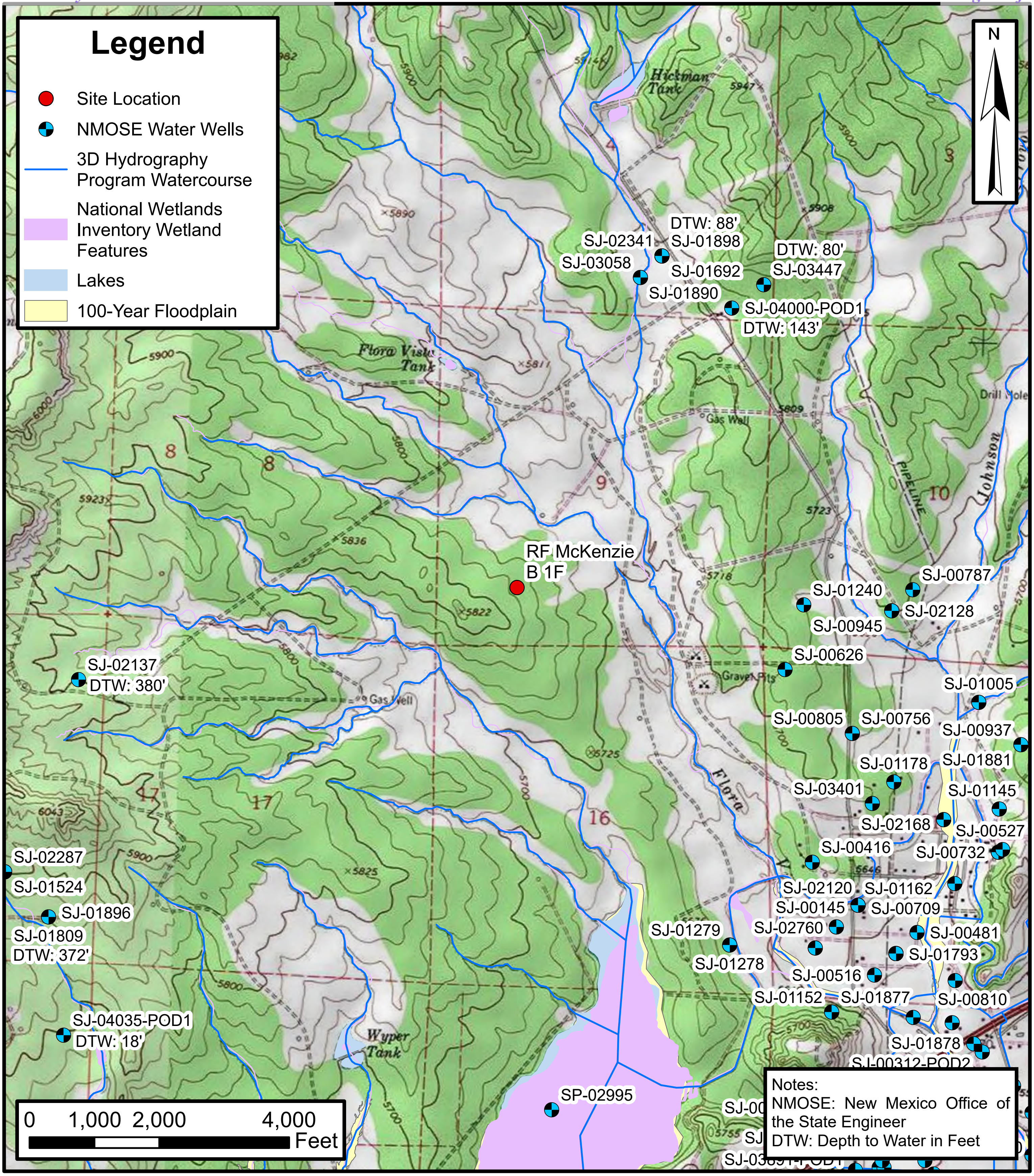
FIGURES



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Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

RF McKenzie B 1F
Hilcorp Energy Company

36.82233, -108.108032
San Juan County, New Mexico

FIGURE
1

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

Default Folder: C:\Users\Greg Pates\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\ - DurangoHilcorp\RF McKenzie B 1F

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Excavation Soil Sample Locations

RF McKenzie B 1F
Hilcorp Energy Company
36.82233, -108.108032
San Juan County, New Mexico

FIGURE
2

Sources: Environmental Systems Research Institute (ESRI), Microsoft, Vantor

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TABLES

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TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
RF McKenzie B 1F
Hilcorp Energy Company
San Juan County, New Mexico

Sample Identification	Date	Depth (feet bgs)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
Excavation Floor Samples													
FS01	11/20/2025	8'	3.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS02	11/20/2025	8'	4.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS03	11/20/2025	14'	5.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS04	11/20/2025	14'	3.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS05	11/20/2025	14'	28.1	<0.0250	0.0739	<0.0250	0.106	0.1799	<20.0	<25.0	<50.0	<50.0	<20.0
FS06	11/20/2025	14'	40.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
Excavation Sidewall Samples													
SW01	11/20/2025	0-8'	8.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW02	11/20/2025	0-8'	6.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW03	11/20/2025	0-14'	3.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW04	11/20/2025	0-14'	4.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW05	11/20/2025	0-14'	8.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW06	11/20/2025	0-14'	7.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW07	11/20/2025	0-14'	6.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW08	11/20/2025	0-14'	3.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW09	11/20/2025	0-14'	4.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW10	11/20/2025	0-8'	12.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
Surface Soil Samples													
SS01	11/20/2025	0'	--	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS02	11/20/2025	0'	--	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS03	11/20/2025	0'	--	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS04	11/20/2025	0'	--	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0

Notes:

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

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APPENDIX A

Depth to Water Determination

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Rosa Flores Owner's Well No. SJ-3058
Street or Post Office Address 609 Poplar
City and State Farmington, N.M. 87401

Well was drilled under Permit No. SJ-3058 and is located in the:

a. SW ¼ SW ¼ SE ¼ ¼ of Section 4 Township 30N Range 12W N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

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

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

(B) Drilling Contractor Hargis Consulting/ Water well drilling License No. WD-1508

Address 819 Maddox Aztec, N.M. 87410

Drilling Began 4-24-2001 Completed 4-26-2001 Type tools Rotary Size of hole 7 in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 120 ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 48 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
52	60	8	Gravel & water sand	3/4 GPM

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4½			0	120	120	cap	60	120

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
0	120	7	0		Air Mist Drilling

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:

_____
State Engineer Representative

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

FOR USE OF STATE ENGINEER ONLY

Date Received 5-4-2001 Quad _____ FWL _____ FSL _____

File No. SJ-3058 Use Domestic Location No. 30N.12W.4.433

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0	42	42	Red clay & sandstone
42	52	10	blue shale &sand
52	60	8	gravel& Blue water sand
60	120	60	Sandstone & shale-blue

Section 7. REMARKS AND ADDITIONAL INFORMATION

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

William Hargis
Driller

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

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APPENDIX B

Agency Correspondence

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 526699
Date: Friday, November 14, 2025 2:03:25 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#) nAPP2526626258.

The sampling event is expected to take place:

When: 11/20/2025 @ 08:15
Where: M-09-30N-12W 665 FSL 910 FWL (36.82233,-108.108032)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: RF McKenzie B 1F well pad, coordinates 36.82233, -108.108032

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

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

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

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

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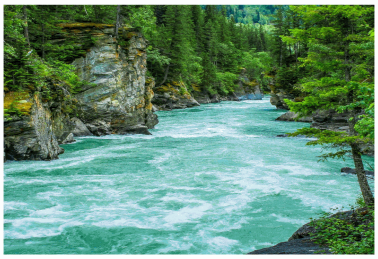
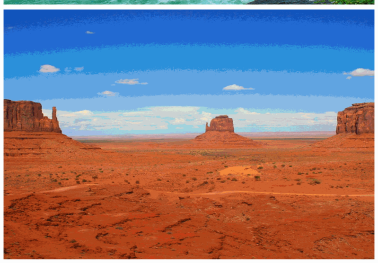
APPENDIX C

Laboratory Analytical Reports

Report to:

Mitch Killough





5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	RF McKenzie
Work Order:	E511275
Job Number:	17051-0002
Received:	11/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/26/25

Date Reported: 11/26/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: RF McKenzie
Workorder: E511275
Date Received: 11/20/2025 9:52:00AM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/20/2025 9:52:00AM, under the Project Name: RF McKenzie.

The analytical test results summarized in this report with the Project Name: RF McKenzie 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
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Table of Contents (continued)

Sample Summary

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/25 14:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01	E511275-01A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW02	E511275-02A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW03	E511275-03A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW04	E511275-04A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW05	E511275-05A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW06	E511275-06A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW07	E511275-07A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW08	E511275-08A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW09	E511275-09A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SW10	E511275-10A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
FS01	E511275-11A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
FS02	E511275-12A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
FS03	E511275-13A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
FS04	E511275-14A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
FS05	E511275-15A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
FS06	E511275-16A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW01

E511275-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.5 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*92.1 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW02

E511275-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.1 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*93.3 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW03

E511275-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.3 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*94.8 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW04

E511275-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.3 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*90.8 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW05

E511275-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.1 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*94.0 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW06

E511275-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*96.0 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW07

E511275-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.6 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*93.9 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW08

E511275-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.3 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*93.9 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW09

E511275-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.4 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*97.3 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

SW10

E511275-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*97.1 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.6 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*93.8 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

FS01

E511275-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.1 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*92.1 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

FS02

E511275-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*89.4 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*96.0 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/20/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

FS03

E511275-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.0 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*93.4 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

FS04

E511275-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.8 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/22/25	
Surrogate: n-Nonane		*94.6 %*	*61-141*	*11/21/25*	*11/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

FS05

E511275-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	**0.0739**	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	**0.106**	0.0500	1	11/20/25	11/21/25	
Total Xylenes	**0.106**	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*91.3 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.0 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/22/25	
Surrogate: n-Nonane		*93.3 %*	*61-141*	*11/21/25*	*11/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

FS06

E511275-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547106
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.1 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2547111
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/22/25	
Surrogate: n-Nonane		*96.3 %*	*61-141*	*11/21/25*	*11/22/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547106-BLK1)									Prepared: 11/20/25 Analyzed: 11/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.39*		*8.00*		*92.4*	*70-130*			
LCS (2547106-BS1)									Prepared: 11/20/25 Analyzed: 11/21/25
Benzene	4.87	0.0250	5.00		97.5	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.7	70-130			
Toluene	4.72	0.0250	5.00		94.4	70-130			
o-Xylene	4.62	0.0250	5.00		92.4	70-130			
p,m-Xylene	9.24	0.0500	10.0		92.4	70-130			
Total Xylenes	13.9	0.0250	15.0		92.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.55*		*8.00*		*94.4*	*70-130*			
Matrix Spike (2547106-MS1)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/21/25
Benzene	4.94	0.0250	5.00	ND	98.9	70-130			
Ethylbenzene	4.62	0.0250	5.00	ND	92.3	70-130			
Toluene	4.80	0.0250	5.00	ND	95.9	70-130			
o-Xylene	4.70	0.0250	5.00	ND	94.0	70-130			
p,m-Xylene	9.39	0.0500	10.0	ND	93.9	70-130			
Total Xylenes	14.1	0.0250	15.0	ND	93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.1*	*70-130*			
Matrix Spike Dup (2547106-MSD1)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/21/25
Benzene	4.98	0.0250	5.00	ND	99.6	70-130	0.770	27	
Ethylbenzene	4.66	0.0250	5.00	ND	93.2	70-130	0.965	26	
Toluene	4.84	0.0250	5.00	ND	96.7	70-130	0.841	20	
o-Xylene	4.76	0.0250	5.00	ND	95.2	70-130	1.34	25	
p,m-Xylene	9.49	0.0500	10.0	ND	94.9	70-130	1.01	23	
Total Xylenes	14.2	0.0250	15.0	ND	95.0	70-130	1.12	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.63*		*8.00*		*95.4*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547106-BLK1)									Prepared: 11/20/25 Analyzed: 11/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.00*		*8.00*		*87.5*	*70-130*			
LCS (2547106-BS2)									Prepared: 11/20/25 Analyzed: 11/21/25
Gasoline Range Organics (C6-C10)	40.9	20.0	50.0		81.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.94*		*8.00*		*86.7*	*70-130*			
Matrix Spike (2547106-MS2)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/21/25
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*6.98*		*8.00*		*87.2*	*70-130*			
Matrix Spike Dup (2547106-MSD2)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/21/25
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.5	70-130	1.68	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.28*		*8.00*		*91.0*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547111-BLK1)									Prepared: 11/21/25 Analyzed: 11/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*50.0*		*50.0*		*100*	*61-141*			
LCS (2547111-BS1)									Prepared: 11/21/25 Analyzed: 11/21/25
Diesel Range Organics (C10-C28)	243	25.0	250		97.1	66-144			
Surrogate: n-Nonane	*48.2*		*50.0*		*96.3*	*61-141*			
Matrix Spike (2547111-MS1)				**Source: E511275-04**					Prepared: 11/21/25 Analyzed: 11/21/25
Diesel Range Organics (C10-C28)	238	25.0	250	ND	95.2	56-156			
Surrogate: n-Nonane	*48.4*		*50.0*		*96.9*	*61-141*			
Matrix Spike Dup (2547111-MSD1)				**Source: E511275-04**					Prepared: 11/21/25 Analyzed: 11/21/25
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.8	56-156	1.67	20	
Surrogate: n-Nonane	*48.5*		*50.0*		*97.0*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:06:22PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547109-BLK1)									Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	ND	20.0							
LCS (2547109-BS1)									Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2547109-MS1)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2547109-MSD1)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	256	20.0	250	ND	102	80-120	0.186	20	

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

Definitions and Notes

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/25 14:06

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

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E511275	Job Number 17051-0002	1D 2D 3D Std	NM CO UT TX
Project Name: RF McKenzie	Address:				
Project Manager: Mitch Killough	City, State, Zip:				
Address:	Phone:				
City, State, Zip:	Email:				
Phone:	Miscellaneous:				
Email: MKillough@hilcorp.com					

Analysis and Method / **EPA Program**

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
8:10	11-20	SO.1	1	SW01		1	X	X	X		X							4.0	
8:12				SW02		2												4.0	
8:14				SW03		3												4.2	
8:16				SW04		4												3.6	
8:18				SW05		5												3.8	
8:20				SW06		6												3.9	
8:22				SW07		7												4.1	
8:24				SW08		8												4.3	
8:26				SW09		9												4.0	
8:28	↓	↓	↓	SW10		10	↓	↓	↓		↓							3.8	

Additional Instructions: cc: ecarroll@ensolum.com shyde@ensdum.com

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

Sampled by: Eric Carroll

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Eric Carroll	11-20-25	09:50	Cuth Mann	11.20.25	952

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

Lab Use Only

Received on ice: (Y) N

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

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

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

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E511275	1D 2D 3D Std	NM CO UT TX
Project Name: RF McKenzie	Address:	Job Number 17051.002		
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: MKillough@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
8:30	11-20	soil	1	FS01		11	X	X	X		X							3.6	
8:32				FS02		12												3.8	
8:34				FS03		13												4.2	
8:36				FS04		14												4.2	
8:38				FS05		15												4.8	
8:40				FS06		16												4.6	

Analysis and Method	EPA Program
	SDWA CWA RCRA
	Compliance Y or N
	PWSID #

Additional Instructions: cc: ecarroll@ensolum.com shyde@ensolum.com

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

Sampled by: Ecco Carroll

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ecco Carroll	11-20-25	9:50	Caitlin Mars	11.20.25	952

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

Lab Use Only

Received on ice: (Y) N

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

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

Envirotech Analytical Laboratory

Printed: 11/20/2025 10:51:39AM

Sample Receipt Checklist (SRC)

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

Client:	Hilcorp Energy Co	Date Received:	11/20/25 09:52	Work Order ID:	E511275
Phone:	-	Date Logged In:	11/20/25 10:49	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	11/28/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

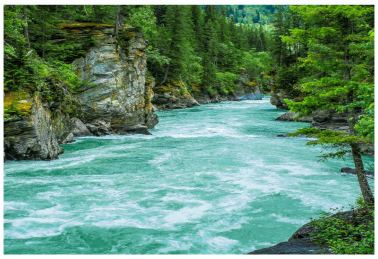
Signature of client authorizing changes to the COC or sample disposition.

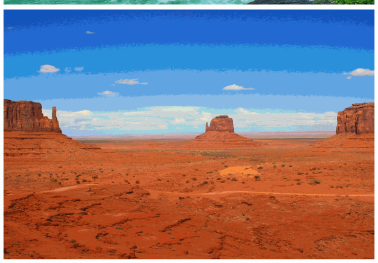
Date

envirotech Inc.

Report to:

Mitch Killough





5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	RF McKenzie
Work Order:	E511276
Job Number:	17051-0002
Received:	11/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/26/25

Date Reported: 11/26/25

Mitch Killough
PO Box 61529
Houston, TX 77208

Project Name: RF McKenzie
Workorder: E511276
Date Received: 11/20/2025 9:52:00AM

Mitch Killough,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/20/2025 9:52:00AM, under the Project Name: RF McKenzie.

The analytical test results summarized in this report with the Project Name: RF McKenzie 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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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/25 14:07

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01	E511276-01A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SS02	E511276-02A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SS03	E511276-03A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.
SS04	E511276-04A	Soil	11/20/25	11/20/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

SS01

E511276-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.0 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*87.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

SS02

E511276-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.5 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*105 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

SS03

E511276-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.9 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*88.0 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

Sample Data

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

SS04

E511276-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Benzene	ND	0.0250	1	11/20/25	11/21/25	
Ethylbenzene	ND	0.0250	1	11/20/25	11/21/25	
Toluene	ND	0.0250	1	11/20/25	11/21/25	
o-Xylene	ND	0.0250	1	11/20/25	11/21/25	
p,m-Xylene	ND	0.0500	1	11/20/25	11/21/25	
Total Xylenes	ND	0.0250	1	11/20/25	11/21/25	
Surrogate: 4-Bromochlorobenzene-PID		*93.8 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2547089
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/20/25	11/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*90.2 %*	*70-130*	*11/20/25*	*11/21/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2547110
Diesel Range Organics (C10-C28)	ND	25.0	1	11/21/25	11/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/21/25	11/21/25	
Surrogate: n-Nonane		*112 %*	*61-141*	*11/21/25*	*11/21/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP			Batch: 2547109
Chloride	ND	20.0	1	11/20/25	11/21/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547089-BLK1)									Prepared: 11/20/25 Analyzed: 11/20/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.30*		*8.00*		*91.3*	*70-130*			
LCS (2547089-BS1)									Prepared: 11/20/25 Analyzed: 11/20/25
Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.9	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.07	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.61*		*8.00*		*95.1*	*70-130*			
Matrix Spike (2547089-MS1)				**Source: E511262-48**					Prepared: 11/20/25 Analyzed: 11/21/25
Benzene	5.16	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.91	0.0250	5.00	0.0270	97.7	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.14	0.0250	5.00	0.0430	102	70-130			
p,m-Xylene	10.1	0.0500	10.0	0.0907	101	70-130			
Total Xylenes	15.3	0.0250	15.0	0.134	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.04*		*8.00*		*100*	*70-130*			
Matrix Spike Dup (2547089-MSD1)				**Source: E511262-48**					Prepared: 11/20/25 Analyzed: 11/20/25
Benzene	5.45	0.0250	5.00	ND	109	70-130	5.51	27	
Ethylbenzene	5.14	0.0250	5.00	0.0270	102	70-130	4.60	26	
Toluene	5.30	0.0250	5.00	ND	106	70-130	4.93	20	
o-Xylene	5.37	0.0250	5.00	0.0430	107	70-130	4.36	25	
p,m-Xylene	10.6	0.0500	10.0	0.0907	105	70-130	4.12	23	
Total Xylenes	15.9	0.0250	15.0	0.134	105	70-130	4.20	26	
Surrogate: 4-Bromochlorobenzene-PID	*7.74*		*8.00*		*96.7*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547089-BLK1)									Prepared: 11/20/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.17*		*8.00*		*89.6*	*70-130*			
LCS (2547089-BS2)									Prepared: 11/20/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.25*		*8.00*		*90.6*	*70-130*			
Matrix Spike (2547089-MS2)				**Source: E511262-48**					Prepared: 11/20/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	64.1	20.0	50.0	ND	128	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.38*		*8.00*		*92.2*	*70-130*			
Matrix Spike Dup (2547089-MSD2)				**Source: E511262-48**					Prepared: 11/20/25 Analyzed: 11/20/25
Gasoline Range Organics (C6-C10)	57.8	20.0	50.0	ND	116	70-130	10.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.6*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547110-BLK1)									Prepared: 11/21/25 Analyzed: 11/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*51.9*		*50.0*		*104*	*61-141*			
LCS (2547110-BS1)									Prepared: 11/21/25 Analyzed: 11/21/25
Diesel Range Organics (C10-C28)	295	25.0	250		118	66-144			
Surrogate: n-Nonane	*56.8*		*50.0*		*114*	*61-141*			
Matrix Spike (2547110-MS1)				**Source: E511284-01**					Prepared: 11/21/25 Analyzed: 11/24/25
Diesel Range Organics (C10-C28)	280	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	*53.7*		*50.0*		*107*	*61-141*			
Matrix Spike Dup (2547110-MSD1)				**Source: E511284-01**					Prepared: 11/21/25 Analyzed: 11/24/25
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156	1.33	20	
Surrogate: n-Nonane	*52.6*		*50.0*		*105*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	RF McKenzie	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/2025 2:07:34PM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2547109-BLK1)									Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	ND	20.0							
LCS (2547109-BS1)									Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2547109-MS1)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2547109-MSD1)				**Source: E511275-05**					Prepared: 11/20/25 Analyzed: 11/20/25
Chloride	256	20.0	250	ND	102	80-120	0.186	20	

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

Definitions and Notes

Hilcorp Energy Co	Project Name:	RF McKenzie	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Mitch Killough	11/26/25 14:07

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.

envirotech
Analytical Laboratory

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E511276	1D 2D 3D Std	NM CO UT TX
Project Name: RF McKenzie	Address:	Job Number 1051.0002	X	
Project Manager: Mitch Killough	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: MKillough@hilcorp.com				

Sample Information							Analysis and Method										EPA Program	
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		
																	SDWA / CWA / RCRA	
																	Compliance Y or N	
																	PWSID #	
850	11-20	soil	1	S501		1	X	X	X		X						3.5	
855	↓	↓	↓	S502		2	↓	↓	↓		↓						3.8	
900	↓	↓	↓	S503		3	↓	↓	↓		↓						4.0	
905	↓	↓	↓	S504		4	↓	↓	↓		↓						4.2	

Additional Instructions: CC: ecarroll@ensolum.com Shyde@ensolum.com

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

Sampled by: Ethan Conrad

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Ethan Conrad	11.20.25	9:50	Caitlin Mar	11.20.25	952

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

Lab Use Only
Received on ice: (Y) N

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

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

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

Envirotech Analytical Laboratory

Printed: 11/20/2025 10:59:40AM

Sample Receipt Checklist (SRC)

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

Client:	Hilcorp Energy Co	Date Received:	11/20/25 09:52	Work Order ID:	E511276
Phone:	-	Date Logged In:	11/20/25 10:58	Logged In By:	Caitlin Mars
Email:	mkillough@hilcorp.com	Due Date:	11/28/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

ENSOLUM

APPENDIX D

Photographic Log

ENSOLUM

Photographic Log
Hilcorp Energy Company
RF McKenzie B 1F
San Juan County, New Mexico

Photograph: 1 Date: 11/20/2025
Description: Final Excavation Extent

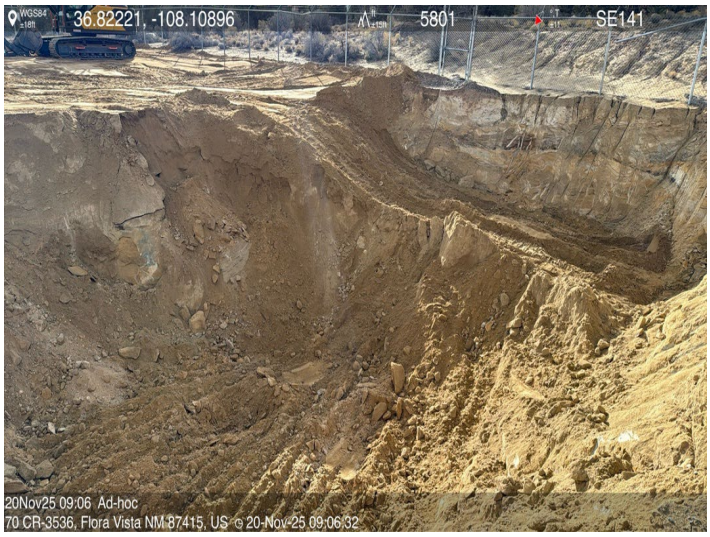
View: Northwest

Photograph: 2 Date: 11/20/2025
Description: Final Excavation Extent

View: Southwest

Photograph: 3 Date: 11/20/2025
Description: Final Excavation Extent

View: Southeast



Photograph: 4 Date: 11/20/2025
Description: Final Excavation Extent

View: Southeast

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 535431

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 535431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2526626258**
Incident Name	**NAPP2526626258 RF MCKENZIE B 1F @ 30-045-33179**
Incident Type	**Release Other**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-045-33179] RF MCKENZIE B #001F**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	RF McKenzie B 1F
Date Release Discovered	09/22/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Production Tank | Produced Water | Released: 12 BBL | Recovered: 0 BBL | Lost: 12 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Cause: Equipment Failure | Production Tank | Condensate | Released: 38 BBL | Recovered: 0 BBL | Lost: 38 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)	On 9/22/2025 at 1:00 pm (MT), a lease operator discovered a 49.31-bbl leak (11.66 bbls produced water / 37.65 bbls condensate) at a 300-bbl condensate storage tank while on location for a monthly tank gauging visit. The operator discovered a discrepancy between the current month's tank gauging reading and the prior month's reading. Upon further inspection, it was determined that a suspected hole formed at the bottom of the tank and fluids were released directly below the storage tank. The operator shut-in the site and secured the spill source. Although all fluids remained within the boundary of secondary containment, no fluids could be recovered below the storage tank. Primary cause is believed to be corrosion at this time.

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 535431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

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

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 12/16/2025

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QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 535431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (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	Between 1000 (ft.) and ½ (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission		Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical extents of contamination been fully delineated		Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 Cl B)	0
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0
GRO+DRO	(EPA SW-846 Method 8015M)	0
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.2
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		10/02/2025
On what date will (or did) the final sampling or liner inspection occur		11/20/2025
On what date will (or was) the remediation complete(d)		11/20/2025
What is the estimated surface area (in square feet) that will be reclaimed		0
What is the estimated volume (in cubic yards) that will be reclaimed		0
What is the estimated surface area (in square feet) that will be remediated		1160
What is the estimated volume (in cubic yards) that will be remediated		821
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS (continued)

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

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112336756 ENVIROTECH LANDFARM #2
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 12/16/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 535431
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QUESTIONS

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

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QUESTIONS (continued)

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	Action Number: 535431
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**526699**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/20/2025**
What was the (estimated) number of samples that were to be gathered	**10**
What was the sampling surface area in square feet	**1000**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1160
What was the total volume (cubic yards) remediated	821
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Not applicable

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 12/16/2025

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QUESTIONS (continued)

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QUESTIONS

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

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvelez	None	1/14/2026