ENSOLUM

November 14, 2025

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

Re: Remediation Report and Closure Request
San Juan 30-6 #432S
Hilcorp Energy Company
NMOCD Incident No: nAPP2518834830

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 San Juan 30-6 #432S well (Site). The Site is located on private surface, in Unit I, Section 10, Township 30 North, Range 6 West, Rio Arriba 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 July 2, 2025, Hilcorp personnel discovered a release of approximately 11 barrels (bbl) of produced water within the Site's containment berm. A lease operator observed a puddle inside the berm and initiated an investigation that traced the leak to corrosion near the bottom weld of Aboveground Storage Tank (AST) B. Response actions began immediately, including isolating and shutting in AST B and mobilizing a vacuum truck to recover released fluid and standing water. Approximately 10 bbl of fluid were recovered.

Hilcorp submitted the Notification of Release to the New Mexico Oil Conservation Division (NMOCD) on July 7, 2025. The NMOCD assigned the Site Incident Number nAPP2518834830.

SITE CHARACTERIZATION

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

GEOLOGY AND HYDROGEOLOGY

The Site is located on Tertiary (Eocene) age San Jose Formation and is underlain by the Nacimiento Geologic Formation. In the report titled "*Hydrogeology and Water Resources of San Juan Basin, New Mexico*" (Stone, et. al., 1983), the San Jose Formation is composed of interbedded sandstones and mudstones and varies in thickness from less than 200 feet to about

2,700 feet. The hydrologic properties of the San Jose Formation are largely untested. Where sufficient yield is present, the primary use of water from this Formation is for domestic and/or livestock supply.

POTENTIAL SENSITIVE RECEPTORS

Potential nearby receptors were assessed through desktop reviews of United States Geological Survey (USGS) topographic maps, Federal Emergency Management Administration (FEMA) Geographic Information System (GIS) maps, New Mexico Office of the State Engineer (NMOSE) database, aerial photographs, and Site-specific observations. A Site receptor map is shown on Figure 1.

The nearest significant watercourse to the Site is an intermittent stream located approximately 253 feet south of the well pad. The nearest water well is NMOSE permitted cathodic protection well 30-039-24302 (Appendix A), located approximately 9,683 feet east of the Site with a recorded depth to water of 120 feet below ground surface (bgs). The Site is greater than 200 feet from any lakebed, sinkhole, or playa lake. No wellhead protection areas, springs, or domestic/stock wells are located within a ½-mile from the Site. The Site is not within a 100-year floodplain, overlying a subsurface mine, or located within an area underlain by unstable geology or an area with karst potential by the Bureau of Land Management (BLM). Schools, hospitals, institutions, churches, and/or other occupied permanent residence or structures are not located within 300 feet of the Site.

SITE CLOSURE CRITERIA

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

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

  100 mg/kg
- Chloride: 600 mg/kg

DELINEATION AND SOIL SAMPLING ACTIVITIES

Upon discovery of the release, Hilcorp retained Ensolum to conduct hand-auger delineation on July 11, 2025. In total, five hand-auger boreholes (HA01 through HA05) were advanced to depths of up to 2 feet bgs (Figure 2). Borehole HA01 was advanced near the source of the release immediately adjacent to AST B to assess soils with the greatest potential impacts. Boreholes HA02 through HA05 were advanced around the source area to delineate the lateral and vertical extents of potential impacts.

During delineation activities, Ensolum personnel logged soil lithology and field screened for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID) and chloride using Hach® QuanTab® chloride test strips. Soil descriptions and field screening results were noted in the field book. Photographs taken during delineation activities are also provided in Appendix B. PID field screening results are included in Table 1.

Based on field screening results, soil samples were collected from each hand auger borehole. Notification of sampling was provided to the NMOCD at least two business days prior with correspondence included in Appendix C. At borehole HA01, three samples were collected: one sample from the surface of the release, one sample from the depth interval with the highest observed contamination, and one sample from the terminus of the borehole. At HA02 through HA05, a single sample was collected at 0.5 feet bgs, as field screening indicated no impacts. Soil samples were collected directly into laboratory-provided jars and immediately placed on ice. Samples were submitted under strict chain-of-custody protocol to Envirotech Inc. (Envirotech) for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B, TPH following Method 8015M/D, and chloride following EPA Method 300.0.

Based on laboratory analytical results, chloride concentrations exceeding the NMOCD Closure Criteria were detected at HA01 from the ground surface to 1-foot bgs. In all other hand-auger boreholes, COCs were either not detected above laboratory reporting limits or were below the applicable Closure Criteria. A summary of results is provided in Table 1 and illustrated in Figure 2, with complete laboratory reports in Appendix D.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the delineation sampling activities described above, Hilcorp remediated the release by excavating impacted soil from the Site and transporting for off-Site disposal at the Envirotech Landfarm in San Juan County, New Mexico. Excavation activities began on August 28, 2025. To direct excavation activities, Ensolum personnel field screened soil for VOCs and chloride in the manner described above.

Once field screening indicated impacted soil had been removed, five-point composite soil samples were collected from the floor (FS01@1.5’ through FS09@1.5’) and sidewalls (SW01@0–1.5’ and SW02@0–1.5’) of the excavation at a frequency of one sample per 200 square feet. Five-point composite samples were prepared by placing five equal aliquots of soil into a resealable plastic bag and homogenizing thoroughly. Samples were then placed into laboratory-provided containers and transported under proper chain-of-custody to Envirotech for analysis of TPH, BTEX, and chloride using the methods described above.

Analytical results from excavation confirmation sampling indicated that concentrations of TPH, BTEX, and chloride were in compliance with the NMOCD Table I Closure Criteria at all locations except two, FS02@1.5’ and SW02@0–1.5’. The chloride concentration at FS02@1.5’ was 636 mg/kg, and the total TPH concentration at SW02@0–1.5’ was 206 mg/kg, both of which exceeded the applicable Closure Criteria.

Based on the results described above, excavation activities resumed on October 6, 2025. Ensolum personnel guided the excavation using the same field screening techniques described above. The floor was excavated to 2 feet bgs and resampled, with 2 additional floor samples collected. The failing sidewall was removed, and the newly exposed sidewall was also resampled. Samples were collected using the same methods as above and submitted to Envirotech for analysis of TPH, BTEX, and chloride.

Analytical results from the excavation indicated concentrations of TPH, BTEX, and chloride were compliant with NMOCD Table I Closure Criteria and the reclamation requirement in all confirmation samples. In total, approximately 100 cubic yards of impacted soil was removed and transported to the Envirotech Landfarm located in San Juan County, New Mexico.

CLOSURE REQUEST

Site excavation and sampling activities were conducted at the Site to address the release discovered on July 2, 2025. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicate all COC concentrations are 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 nAPP2518834830.

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

Osgood Froelich
Staff Scientist
(415) 747-9186
ofroelich@ensolum.com

Wes Weichert, PG (licensed in WY & TX)
Senior Geologist
(816) 266-8732
wweichert@ensolum.com

cc: **Hilcorp**
Bureau of Reclamation

Attachments:

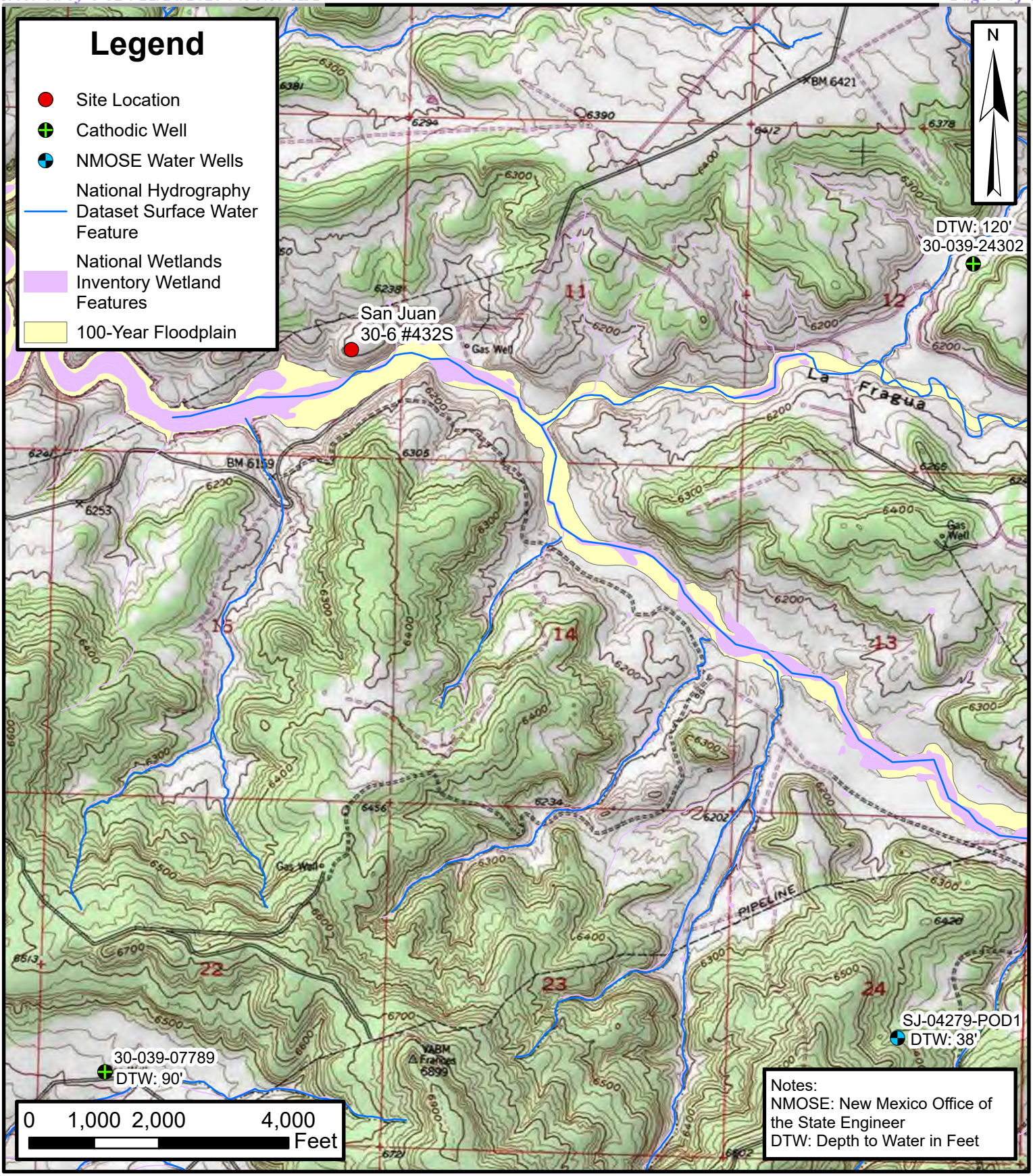
Figure 1: Site Receptor Map
Figure 2: Delineation Soil Sample Locations
Figure 3: Excavation Soil Sample Locations

Table 1: Excavation Soil Sample Analytical Results

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

ENSOLUM

FIGURES

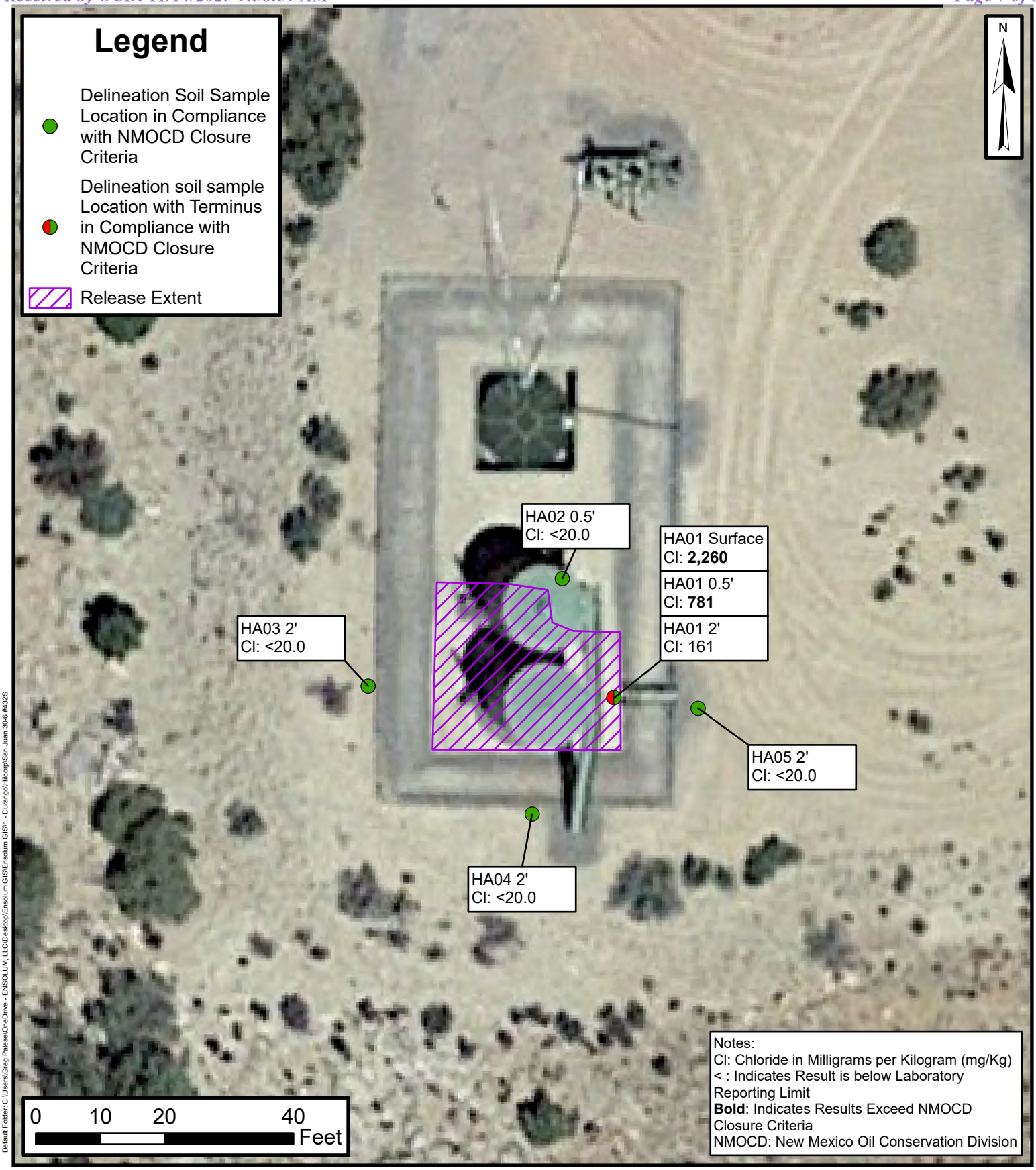


ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Site Location Map

San Juan 30-6 #432S
Hilcorp Energy Company
36.824349, -107.444028
Rio Arriba County, New Mexico

FIGURE
1



Default Folder: C:\Users\Greg Pates\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\San Juan 30-6 #432S

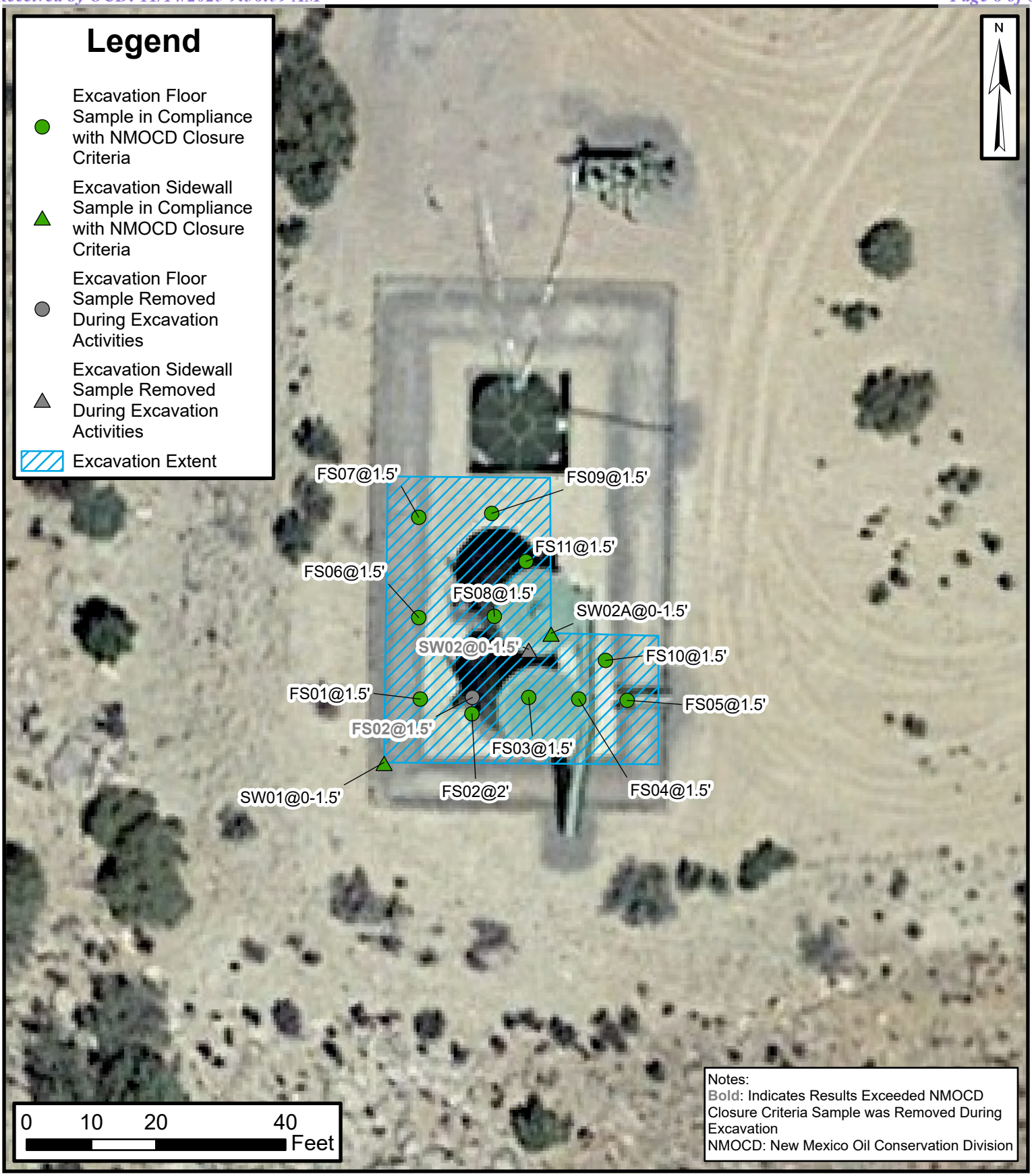
ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Delineation Soil Sample Locations

San Juan 30-6 #432S
Hilcorp Energy Company
36.824349, -107.444028
Rio Arriba County, New Mexico

FIGURE
2

Sources: Google Earth (2022)



Default Folder: C:\Users\Greg Pates\OneDrive - ENSOLUM, LLC\Desktop\Ensolum GIS\Ensolum GIS\1 - Durango\Hilcorp\San Juan 30-6 #432S

ENSOLUM
Environmental, Engineering and Hydrogeologic Consultants

Excavation Soil Sample Locations

San Juan 30-6 #432S
Hilcorp Energy Company
36.824349, -107.444028
Rio Arriba County, New Mexico

FIGURE
3

Sources: Google Earth (2022)

ENSOLUM

TABLES

ENSOLUM

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
San Juan 30-6 #432S
Hilcorp Energy Company
Rio Arriba County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Chloride Field Test (ppm)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Closure Criteria for Soils Impacted by a Release			NE	NE	**10**	NE	NE	NE	**50**	NE	NE	NE	**100**	**600**
HAND AUGER SAMPLES														
HA01 Surface	7/11/2025	0'	528	6.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	**2,260**
HA01 0.5'	7/11/2025	0.5'	192	39.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	**781**
HA01 2'	7/11/2025	2'	<112	30.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	161
HA02 0.5'	7/11/2025	0.5'	<112	3.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	111
HA03 0.5'	7/11/2025	0.5'	<112	1.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
HA04 0.5'	7/11/2025	0.5'	--	5.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
HA05 0.5	7/11/2025	0.5'	--	1.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
EXCAVATION FLOOR SAMPLES														
FS01@1.5'	8/28/2025	1.5'	2,156.8	1.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
~~**FS02@1.5'**~~	~~8/28/2025~~	~~1.5'~~	~~380.8~~	~~0.8~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<50.0~~	~~<50.0~~	~~**636**~~
FS02A@1.5'	10/6/2025	2'	<156.8	0.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	121
FS03@1.5'	8/28/2025	1.5'	<156.8	0.0	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	111
FS04@1.5'	8/28/2025	1.5'	336	0.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	516
FS05@1.5'	8/28/2025	1.5'	<156.8	0.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	290
FS06@1.5'	8/28/2025	1.5'	<156.8	1.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS07@1.5'	8/28/2025	1.5'	<156.8	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	75.4
FS08@1.5'	8/28/2025	1.5'	<156.8	0.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS09@1.5'	8/28/2025	1.5'	156.8	1.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	240
FS10@1.5'	10/6/2025	1.5'	<156.8	0.6	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	181
FS11@1.5'	10/6/2025	1.5'	<156.8	0.9	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	54
EXCAVATION SIDEWALL SAMPLES														
SW01@0-1.5'	8/28/2025	0'-1.5'	<156.8	2.2	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	146
~~**SW02@0-1.5'**~~	~~8/28/2025~~	~~0'-1.5'~~	~~<156.8~~	~~1.1~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~57.0~~	~~149~~	~~**206**~~	~~26.1~~
SW02A@0-1.5'	10/6/2025	0'-1.5'	<156.8	1.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	110

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
~~*Grey*~~ *and strikethrough text represents soil sample areas sample 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)
-- : Not Analyzed
Concentrations in ***bold*** *exceed the New Mexico Oil Conservation Division Table I Closure Criteria for Soils Impacted by a Release*

ENSOLUM

APPENDIX A

Cathodic Well Log

3475

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO
(Submit 3 copies to OCD Aztec Office)

30-039-24302

Operator MERIDIAN OIL INC. Location: Unit E Sec. 12 Twp 30 Rng 6

Name of Well/Wells or Pipeline Serviced SAN JUAN 30-6 UNIT #438

cps 2061w

Elevation 6220' Completion Date 12/12/88 Total Depth 460' Land Type* N/A

Casing, Sizes, Types & Depths N/A

If Casing is cemented, show amounts & types used N/A

If Cement or Bentonite Plugs have been placed, show depths & amounts used

N/A

Depths & thickness of water zones with description of water when possible:

Fresh, Clear, Salty, Sulphur, Etc. 120' NO SAMPLE

Depths gas encountered: N/A

Type & amount of coke breeze used: N/A

Depths anodes placed: 415', 405', 390', 340', 290', 275', 200', 190', 175', 150'

Depths vent pipes placed: 458'

Vent pipe perforations: 400'

Remarks: gb #1

RECEIVED
MAY 31 1989
OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included

*Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

FM-07-0238 (Rev. 10-82)

WELL CASING

CATHODIC PROTECTION CONSTRUCTION REPORT

DAILY ~~LOG~~

Drilling Log (Attach Hereto) ☐

Completion Date 12/12/88

CPS #	Well Name, Line or Plant:	Work Order #	Static:	Ins. Union Check
2061 W	30-6 #438	3345A		☐ Good ☒ Bad 1-3"

Location:	Anode Size:	Anode Type:	Size Bit:
E 12-30-6	2" x 60"	Durion	6 7/4"

Depth Drilled	Depth Logged	Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
460'	458'				

Anode Depth	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
	415	405	390	340	290	275	200	190	175	150
Anode Output (Amps)	2.1	2.5	2.1	2.0	2.8	2.5	2.8	2.5	3.1	4.2
Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Output (Amps)										

Total Circuit Resistance				No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.92	Amps 15.3	Ohms .78			

Remarks: WATER AT 120', COULD NOT GET WATER SAMPLE, INSTALLED 458' of 1" P.V.C. VENT pipe, PERFORATED 400'.

We will Have To Build Power To This Location

G.B. 407400

Rectifier Size: — V — A

Addn'l Depth	0		
Depth Credit:	-42'	350	-147.00 ✓
Extra Cable:	200'	.24	48.00 ✓
Ditch & 1 Cable:	180	.70	126.00 ✓
25' Meter Pole:	1		302.00 ✓
20' Meter Pole:	0		
10' Stub Pole:	0		

1-JCT BOX 225.00

4633.00 ✓

TAX 231.65 ✓

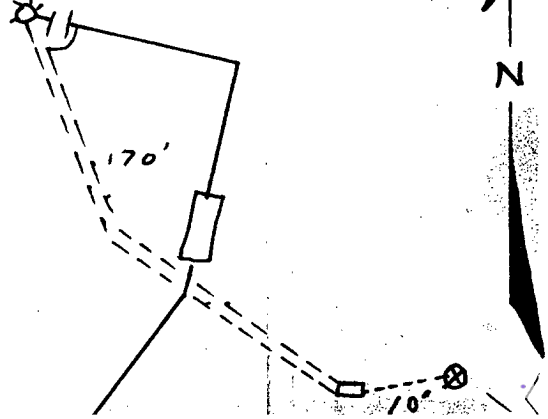
TOTAL $4864.65 OCA

All Construction Completed

J E Slobb

(Signature)

GROUND BED LAYOUT SKETCH



D. CRASS DRILLING CO.

Drill No. 3

DRILLER'S WELL LOG

S. P. No. S.J. 30-6 #438 Date 12-12-88

Client Meridian Oil Co. Prospect

County Rio Arriba State New Mex.

If hole is a redrill or if moved from original staked position show distance and direction moved:

FROM	TO	FORMATION — COLOR — HARDNESS
0	60	shale
60	80	SAND
80	100	SANDy shale
100	140	SAND
140	210	Shale
210	265	SANDstone
265	290	Shale
290	330	SANDstone
330	355	SANDy shale
355	385	SANDstone
385	425	shale
425	460	SANDstone

Mud Bron Lime

Rock Bit Number Make

Remarks: Water @ 120'

Driller Lonnie Brown

ENSOLUM

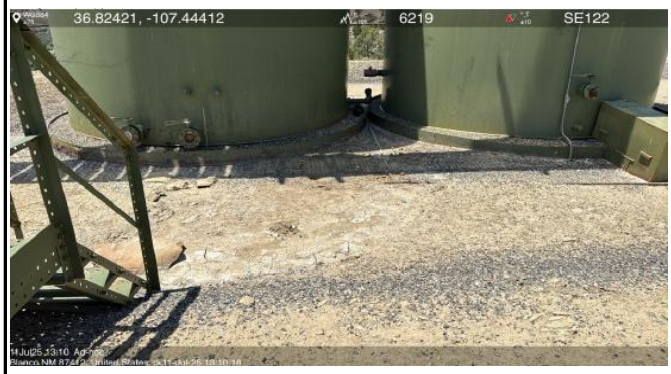
APPENDIX B

Photographic Log

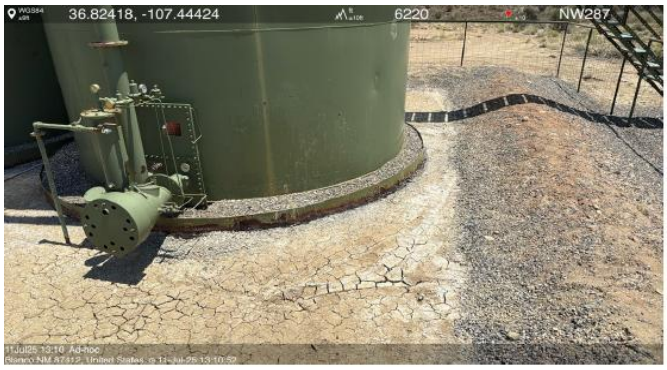
ENSOLUM

Photographic Log
Hilcorp Energy Company
San Juan 30-6 #432S
Rio Arriba County, New Mexico

Photograph: 1 Date: 7/11/2025
Description: Soil staining within containment.
View: Northeast



Photograph: 2 Date: 7/11/2025
Description: Soil staining near AST.
View: Southeast



Photograph: 3 Date: 7/11/2025
Description: Soil staining near AST.
View: Northwest

Photograph: 4 Date: 7/11/2025
Description: Soil staining within containment.
View: Southwest

ENSOLUM

Photographic Log
Hilcorp Energy Company
San Juan 30-6 #432S
Rio Arriba County, New Mexico

Photograph: 5 Date: 10/1/2025
Description: Initial excavation extent.
View: North

Photograph: 6 Date: 10/1/2025
Description: Initial excavation extent.
View: East

Photograph: 7 Date: 10/6/2025
Description: Newly dug SW02A, FS10, FS11.
View: Southwest

Photograph: 8 Date: 10/6/2025
Description: Newly dug FS02A.
View: East

ENSOLUM

APPENDIX C

Agency Correspondence

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 482479
Date: Tuesday, July 8, 2025 8:56:25 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#) nAPP2518834830.

The sampling event is expected to take place:

When: 07/11/2025 @ 10:00
Where: I-10-30N-06W Lot: 1 1665 FSL 880 FEL (36.82433,-107.44337)

Additional Information: Stuart Hyde, 970-903-1607

Additional Instructions: Hilcorp San Juan 30-6 #432S well pad, 36.82433, -107.44337; initial delineation samples to be collected

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

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 498965

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 498965
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2518834830**
Incident Name	**NAPP2518834830 SAN JUAN 30-6 #432S @ 30-039-27566**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-039-27566] SAN JUAN 30 6 UNIT #432S**

Location of Release Source	
Site Name	**San Juan 30-6 #432S**
Date Release Discovered	**07/02/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/28/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde, 970-903-1607 or Wes Weichert 816-266-8732
Please provide any information necessary for navigation to sampling site	Hilcorp San Juan 30-6 #432S well pad (30-039-27566). GPS: 36.82433, -107.44337

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 498965
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
shyde	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	8/25/2025
shyde	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	8/25/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 509046

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 509046
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2518834830**
Incident Name	**NAPP2518834830 SAN JUAN 30-6 #432S @ 30-039-27566**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Approved**
Incident Well	**[30-039-27566] SAN JUAN 30 6 UNIT #432S**

Location of Release Source	
Site Name	**San Juan 30-6 #432S**
Date Release Discovered	**07/02/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	800
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/01/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 970-903-1607 or Wes Weichert 816-266-8732
Please provide any information necessary for navigation to sampling site	San Juan 30-6 #432S (30-039-27566) 36.82433, -107.44337

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 509046
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
shyde	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/24/2025
shyde	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/24/2025

From: OCDOnline@state.nm.us
To: Stuart Hyde
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 511123
Date: Wednesday, October 1, 2025 10:10:07 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#) nAPP2518834830.

The sampling event is expected to take place:

When: 10/06/2025 @ 09:00
Where: I-10-30N-06W Lot: 1 1665 FSL 880 FEL (36.82433,-107.44337)

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

Additional Instructions: San Juan 30-6 #432S (30-039-27566) 36.82433, -107.44337

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

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

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

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

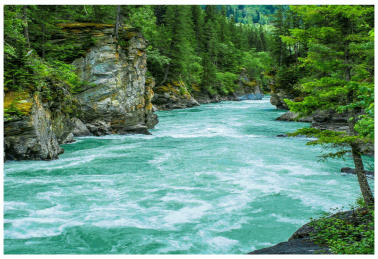
ENSOLUM

APPENDIX D

Laboratory Analytical Reports

Report to:

Kate Kaufman



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	SJ 30-6 432 S
Work Order:	E507140
Job Number:	17051-0002
Received:	7/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/18/25

Date Reported: 7/18/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: SJ 30-6 432 S
Workorder: E507140
Date Received: 7/11/2025 3:24:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/11/2025 3:24:00PM, under the Project Name: SJ 30-6 432 S.

The analytical test results summarized in this report with the Project Name: SJ 30-6 432 S apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	07/18/25 09:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA01 Surface	E507140-01A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.
HA01 0.5'	E507140-02A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.
HA01 2'	E507140-03A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.
HA02 0.5'	E507140-04A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.
HA03 0.5'	E507140-05A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.
HA04 0.5'	E507140-06A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.
HA05 0.5'	E507140-07A	Soil	07/11/25	07/11/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

HA01 Surface

E507140-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.1 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2529060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		*94.1 %*	*61-141*	*07/15/25*	*07/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2529075
Chloride	**2260**	40.0	2	07/15/25	07/15/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

HA01 0.5'

E507140-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*112 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2529060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		*96.6 %*	*61-141*	*07/15/25*	*07/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2529075
Chloride	**781**	40.0	2	07/15/25	07/15/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

HA01 2'

E507140-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*97.3 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*110 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2529060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		*94.3 %*	*61-141*	*07/15/25*	*07/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2529075
Chloride	**161**	20.0	1	07/15/25	07/15/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

HA02 0.5'

E507140-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*113 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.4 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*106 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2529060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		*93.3 %*	*61-141*	*07/15/25*	*07/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2529075
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

HA03 0.5'

E507140-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*109 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.0 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*108 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2529060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		*92.9 %*	*61-141*	*07/15/25*	*07/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2529075
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

HA04 0.5'

E507140-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*111 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*107 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2529060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		*93.6 %*	*61-141*	*07/15/25*	*07/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2529075
Chloride	ND	20.0	1	07/15/25	07/15/25	

Sample Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

HA05 0.5'

E507140-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Benzene	ND	0.0250	1	07/14/25	07/16/25	
Ethylbenzene	ND	0.0250	1	07/14/25	07/16/25	
Toluene	ND	0.0250	1	07/14/25	07/16/25	
o-Xylene	ND	0.0250	1	07/14/25	07/16/25	
p,m-Xylene	ND	0.0500	1	07/14/25	07/16/25	
Total Xylenes	ND	0.0250	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2529026
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/14/25	07/16/25	
Surrogate: Bromofluorobenzene		*110 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*70-130*	*07/14/25*	*07/16/25*	
Surrogate: Toluene-d8		*109 %*	*70-130*	*07/14/25*	*07/16/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS			Batch: 2529060
Diesel Range Organics (C10-C28)	ND	25.0	1	07/15/25	07/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/15/25	07/16/25	
Surrogate: n-Nonane		*94.6 %*	*61-141*	*07/15/25*	*07/16/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2529075
Chloride	ND	20.0	1	07/15/25	07/15/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2529026-BLK1)									Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	*0.557*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS (2529026-BS1)									Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	1.91	0.0250	2.50		76.5	70-130			
Ethylbenzene	1.98	0.0250	2.50		79.3	70-130			
Toluene	1.88	0.0250	2.50		75.3	70-130			
o-Xylene	1.94	0.0250	2.50		77.5	70-130			
p,m-Xylene	3.89	0.0500	5.00		77.7	70-130			
Total Xylenes	5.82	0.0250	7.50		77.7	70-130			
Surrogate: Bromofluorobenzene	*0.563*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.502*		*0.500*		*100*	*70-130*			
Surrogate: Toluene-d8	*0.519*		*0.500*		*104*	*70-130*			
Matrix Spike (2529026-MS1)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	2.03	0.0250	2.50	ND	81.0	48-131			
Ethylbenzene	2.17	0.0250	2.50	ND	86.7	45-135			
Toluene	2.06	0.0250	2.50	ND	82.6	48-130			
o-Xylene	2.17	0.0250	2.50	ND	86.9	43-135			
p,m-Xylene	4.35	0.0500	5.00	ND	87.0	43-135			
Total Xylenes	6.53	0.0250	7.50	ND	87.0	43-135			
Surrogate: Bromofluorobenzene	*0.561*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.486*		*0.500*		*97.1*	*70-130*			
Surrogate: Toluene-d8	*0.532*		*0.500*		*106*	*70-130*			
Matrix Spike Dup (2529026-MSD1)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Benzene	2.04	0.0250	2.50	ND	81.7	48-131	0.836	23	
Ethylbenzene	2.21	0.0250	2.50	ND	88.5	45-135	2.05	27	
Toluene	2.12	0.0250	2.50	ND	84.7	48-130	2.51	24	
o-Xylene	2.22	0.0250	2.50	ND	88.6	43-135	1.96	27	
p,m-Xylene	4.43	0.0500	5.00	ND	88.6	43-135	1.79	27	
Total Xylenes	6.65	0.0250	7.50	ND	88.6	43-135	1.84	27	
Surrogate: Bromofluorobenzene	*0.571*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.472*		*0.500*		*94.4*	*70-130*			
Surrogate: Toluene-d8	*0.537*		*0.500*		*107*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2529026-BLK1)									Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	*0.557*		*0.500*		*111*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.476*		*0.500*		*95.2*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
LCS (2529026-BS2)									Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	47.0	20.0	50.0		93.9	70-130			
Surrogate: Bromofluorobenzene	*0.567*		*0.500*		*113*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.479*		*0.500*		*95.7*	*70-130*			
Surrogate: Toluene-d8	*0.534*		*0.500*		*107*	*70-130*			
Matrix Spike (2529026-MS2)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130			
Surrogate: Bromofluorobenzene	*0.569*		*0.500*		*114*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.474*		*0.500*		*94.8*	*70-130*			
Surrogate: Toluene-d8	*0.540*		*0.500*		*108*	*70-130*			
Matrix Spike Dup (2529026-MSD2)				**Source: E507140-03**					Prepared: 07/14/25 Analyzed: 07/16/25
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.3	70-130	6.70	20	
Surrogate: Bromofluorobenzene	*0.561*		*0.500*		*112*	*70-130*			
Surrogate: 1,2-Dichloroethane-d4	*0.494*		*0.500*		*98.7*	*70-130*			
Surrogate: Toluene-d8	*0.547*		*0.500*		*109*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2529060-BLK1)									Prepared: 07/15/25 Analyzed: 07/16/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*47.1*		*50.0*		*94.3*	*61-141*			
LCS (2529060-BS1)									Prepared: 07/15/25 Analyzed: 07/16/25
Diesel Range Organics (C10-C28)	274	25.0	250		109	66-144			
Surrogate: n-Nonane	*47.7*		*50.0*		*95.4*	*61-141*			
Matrix Spike (2529060-MS1)				**Source: E507134-21**					Prepared: 07/15/25 Analyzed: 07/16/25
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	*47.7*		*50.0*		*95.3*	*61-141*			
Matrix Spike Dup (2529060-MSD1)				**Source: E507134-21**					Prepared: 07/15/25 Analyzed: 07/16/25
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156	0.188	20	
Surrogate: n-Nonane	*48.9*		*50.0*		*97.8*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 30-6 432 S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	7/18/2025 9:43:38AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2529075-BLK1)									Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	ND	20.0							
LCS (2529075-BS1)									Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2529075-MS1)				**Source: E507140-03**					Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	418	20.0	250	161	103	80-120			
Matrix Spike Dup (2529075-MSD1)				**Source: E507140-03**					Prepared: 07/15/25 Analyzed: 07/15/25
Chloride	439	20.0	250	161	111	80-120	4.83	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:	SJ 30-6 432 S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	07/18/25 09:43

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

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp	Company:	Lab WO# E507140	1D 2D 3D Std	NM CO UT TX
Project Name: SJ 30-6 432 S	Address:	Job Number 17051.0002	x	X
Project Manager: Kade Kaufman	City, State, Zip:			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
1145	7/11/25	S	1	HA01 Surface		1	x	x	x		x							4.8
1200				HA01 0.5'		2												4.6
1216				HA01 2'		3												4.7
1155				HA02 0.5'		4												4.5
1236				HA03 0.5'		5												4.3
1246				HA04 0.5'		6												4.0
1256				HA05 0.5'		7												3.8

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

Additional Instructions: cc: shyde@ensolum.com, ecarroll@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: Eric Carroll

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Eric Carroll	7/11/25	1500	Cait Mar	7.11.25	1524

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 7/14/2025 12:27:11PM

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:	07/11/25 15:24	Work Order ID:	E507140
Phone:	-	Date Logged In:	07/14/25 12:25	Logged In By:	Caitlin Mars
Email:		Due Date:	07/18/25 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:

Kate Kaufman

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	San Juan 30-6 #432S
Work Order:	E508331
Job Number:	17051-0002
Received:	8/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/5/25

Date Reported: 9/5/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 30-6 #432S
Workorder: E508331
Date Received: 8/28/2025 3:34:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2025 3:34:00PM, under the Project Name: San Juan 30-6 #432S.

The analytical test results summarized in this report with the Project Name: San Juan 30-6 #432S apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	09/05/25 11:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 @ 1.5'	E508331-01A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS02 @ 1.5'	E508331-02A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS03 @ 1.5'	E508331-03A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS04 @ 1.5'	E508331-04A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS05 @ 1.5'	E508331-05A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS06 @ 1.5'	E508331-06A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS07 @ 1.5'	E508331-07A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS08 @ 1.5'	E508331-08A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
FS09 @ 1.5'	E508331-09A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
SW01 @ 0-1.5'	E508331-10A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.
SW02 @ 0-1.5'	E508331-11A	Soil	08/28/25	08/28/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS01 @ 1.5'

E508331-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*92.6 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*82.9 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	ND	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS02 @ 1.5'

E508331-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.2 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.9 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*84.9 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**636**	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS03 @ 1.5'

E508331-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*96.7 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*96.5 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*85.5 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**111**	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS04 @ 1.5'

E508331-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*110 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*104 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*84.3 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**516**	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS05 @ 1.5'

E508331-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.7 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.6 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*85.5 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**290**	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS06 @ 1.5'

E508331-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.3 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*85.4 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	ND	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS07 @ 1.5'

E508331-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*85.9 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**75.4**	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS08 @ 1.5'

E508331-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.8 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.3 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*84.4 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	ND	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

FS09 @ 1.5'

E508331-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.7 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*86.2 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**240**	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

SW01 @ 0-1.5'

E508331-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*95.9 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	ND	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*83.6 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**146**	20.0	1	08/29/25	08/29/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

SW02 @ 0-1.5'

E508331-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Benzene	ND	0.0250	1	08/29/25	09/02/25	
Ethylbenzene	ND	0.0250	1	08/29/25	09/02/25	
Toluene	ND	0.0250	1	08/29/25	09/02/25	
o-Xylene	ND	0.0250	1	08/29/25	09/02/25	
p,m-Xylene	ND	0.0500	1	08/29/25	09/02/25	
Total Xylenes	ND	0.0250	1	08/29/25	09/02/25	
Surrogate: 4-Bromochlorobenzene-PID		*94.8 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2535125
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/29/25	09/02/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*95.0 %*	*70-130*	*08/29/25*	*09/02/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH			Batch: 2535130
Diesel Range Organics (C10-C28)	**57.0**	25.0	1	08/29/25	09/02/25	
Oil Range Organics (C28-C36)	**149**	50.0	1	08/29/25	09/02/25	
Surrogate: n-Nonane		*86.7 %*	*61-141*	*08/29/25*	*09/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY			Batch: 2535134
Chloride	**26.1**	20.0	1	08/29/25	08/29/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

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 (2535125-BLK1)									Prepared: 08/29/25 Analyzed: 09/02/25
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	*8.45*		*8.00*		*106*	*70-130*			
LCS (2535125-BS1)									Prepared: 08/29/25 Analyzed: 09/02/25
Benzene	5.06	0.0250	5.00		101	70-130			
Ethylbenzene	4.90	0.0250	5.00		98.1	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.77	0.0250	5.00		95.5	70-130			
p,m-Xylene	9.85	0.0500	10.0		98.5	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.73*		*8.00*		*109*	*70-130*			
Matrix Spike (2535125-MS1)				**Source: E508331-04**					Prepared: 08/29/25 Analyzed: 09/02/25
Benzene	5.16	0.0250	5.00	ND	103	70-130			
Ethylbenzene	4.98	0.0250	5.00	ND	99.5	70-130			
Toluene	5.10	0.0250	5.00	ND	102	70-130			
o-Xylene	4.85	0.0250	5.00	ND	97.0	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.75*		*8.00*		*109*	*70-130*			
Matrix Spike Dup (2535125-MSD1)				**Source: E508331-04**					Prepared: 08/29/25 Analyzed: 09/02/25
Benzene	4.92	0.0250	5.00	ND	98.3	70-130	4.75	27	
Ethylbenzene	4.78	0.0250	5.00	ND	95.6	70-130	4.07	26	
Toluene	4.87	0.0250	5.00	ND	97.4	70-130	4.64	20	
o-Xylene	4.65	0.0250	5.00	ND	93.1	70-130	4.10	25	
p,m-Xylene	9.59	0.0500	10.0	ND	95.9	70-130	4.13	23	
Total Xylenes	14.2	0.0250	15.0	ND	95.0	70-130	4.12	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.83*		*8.00*		*110*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

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 (2535125-BLK1)									Prepared: 08/29/25 Analyzed: 09/02/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.21*		*8.00*		*103*	*70-130*			
LCS (2535125-BS2)									Prepared: 08/29/25 Analyzed: 09/02/25
Gasoline Range Organics (C6-C10)	55.1	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*8.25*		*8.00*		*103*	*70-130*			
Matrix Spike (2535125-MS2)				**Source: E508331-04**					Prepared: 08/29/25 Analyzed: 09/02/25
Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*9.73*		*8.00*		*122*	*70-130*			
Matrix Spike Dup (2535125-MSD2)				**Source: E508331-04**					Prepared: 08/29/25 Analyzed: 09/03/25
Gasoline Range Organics (C6-C10)	60.5	20.0	50.0	ND	121	70-130	11.1	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.70*		*8.00*		*96.3*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

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 (2535130-BLK1)									Prepared: 08/29/25 Analyzed: 09/02/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*38.7*		*50.0*		*77.4*	*61-141*			
LCS (2535130-BS1)									Prepared: 08/29/25 Analyzed: 09/02/25
Diesel Range Organics (C10-C28)	211	25.0	250		84.5	66-144			
Surrogate: n-Nonane	*43.5*		*50.0*		*86.9*	*61-141*			
Matrix Spike (2535130-MS1)				**Source: E508330-24**					Prepared: 08/29/25 Analyzed: 09/02/25
Diesel Range Organics (C10-C28)	199	25.0	250	ND	79.5	56-156			
Surrogate: n-Nonane	*41.1*		*50.0*		*82.2*	*61-141*			
Matrix Spike Dup (2535130-MSD1)				**Source: E508330-24**					Prepared: 08/29/25 Analyzed: 09/02/25
Diesel Range Organics (C10-C28)	196	25.0	250	ND	78.3	56-156	1.52	20	
Surrogate: n-Nonane	*41.1*		*50.0*		*82.1*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	9/5/2025 11:41:51AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2535134-BLK1)									Prepared: 08/29/25 Analyzed: 08/29/25
Chloride	ND	20.0							
LCS (2535134-BS1)									Prepared: 08/29/25 Analyzed: 08/29/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2535134-MS1)				**Source: E508331-02**					Prepared: 08/29/25 Analyzed: 08/29/25
Chloride	875	20.0	250	636	95.8	80-120			
Matrix Spike Dup (2535134-MSD1)				**Source: E508331-02**					Prepared: 08/29/25 Analyzed: 08/29/25
Chloride	910	20.0	250	636	110	80-120	3.87	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:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	09/05/25 11:41

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

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E508331	Job Number 17051-0002	1D 2D 3D Std: Std
Project Name: San Juan 30-6 #432S	Address:			NM CO UT TX: NM
Project Manager: Kate Kaufman	City, State, Zip:			
Address:	Phone: CLIENT			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
1218	8/28	soil	one, 4oz	FS01 @ 1.5'		1	X	X	X		X							5.4
1220				FS02 @ 1.5'		2	X	X	X		X							5.0
1222				FS03 @ 1.5'		3	X	X	X		X							5.0
1224				FS04 @ 1,5'		4	X	X	X		X							4.6
1226				FS05 @ 1,5'		5	X	X	X		X							5.2
1228				FS06 @ 1.5'		6	X	X	X		X							4.8
1230				FS07 @ 1.5'		7	X	X	X		X							4.7
1232				FS08 @ 1.5'		8	X	X	X		X							5.1
1234				FS09 @ 1,5'		9	X	X	X		X							5.2
1236				SW01 @ 0-1.5'		10	X	X	X		X							5.0

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance Y or N

PWSID #

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

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	8/28/25	1532	Caitlin Man	8.28.25	1534
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C

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

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

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

envirotech

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E608331	Job Number 17051-0002	1D 2D 3D Std: Std
Project Name: San Juan 30-6 #432S	Address:			NM CO UT TX: NM
Project Manager: Kate Kaufman	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@hilcorp.com				

Analysis and Method

EPA Program

SDWA | CWA | RCRA

Compliance Y or N

PWSID #

Sample Information								DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number													
1238	8/28	soil	one 4oz	SW02 @ 0-1.5'		11		X	X	X		X							5.0

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

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	8/28/25	1532	Cath Mar	8.28.25	1534
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) / N

T1 T2 T3

AVG Temp °C

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 8/28/2025 4:49:12PM

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:	08/28/25 15:34	Work Order ID:	E508331
Phone:	-	Date Logged In:	08/28/25 16:19	Logged In By:	Caitlin Mars
Email:		Due Date:	09/05/25 07:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

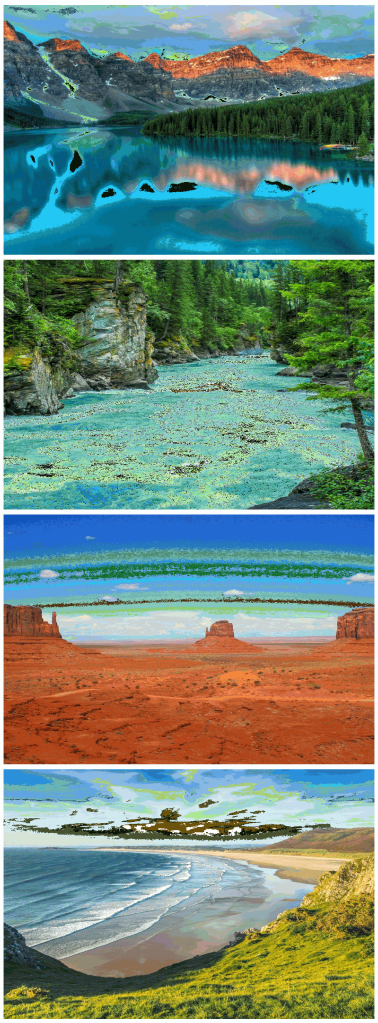
Signature of client authorizing changes to the COC or sample disposition.

Date

envirotech Inc.

Report to:

Kate Kaufman



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name:	San Juan 30-6 #432S
Work Order:	E510058
Job Number:	17051-0002
Received:	10/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/13/25

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

Date Reported: 10/13/25

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 30-6 #432S
Workorder: E510058
Date Received: 10/6/2025 12:40:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/6/2025 12:40:00PM, under the Project Name: San Juan 30-6 #432S.

The analytical test results summarized in this report with the Project Name: San Juan 30-6 #432S apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Sample Summary

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/25 11:16

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS11 @ 1.5'	E510058-01A	Soil	10/06/25	10/06/25	Glass Jar, 4 oz.
FS10 @ 1.5'	E510058-02A	Soil	10/06/25	10/06/25	Glass Jar, 4 oz.
SW02A @ 0-1.5'	E510058-03A	Soil	10/06/25	10/06/25	Glass Jar, 4 oz.
FS02A @ 2'	E510058-04A	Soil	10/06/25	10/06/25	Glass Jar, 4 oz.

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

FS11 @ 1.5'

E510058-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*100 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2541041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/25	10/08/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*10/07/25*	*10/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2541063
Chloride	**53.6**	20.0	1	10/07/25	10/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

FS10 @ 1.5'

E510058-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*98.2 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2541041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/25	10/08/25	
Surrogate: n-Nonane		*99.3 %*	*61-141*	*10/07/25*	*10/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2541063
Chloride	**181**	20.0	1	10/07/25	10/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

SW02A @ 0-1.5'

E510058-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.0 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2541041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/25	10/08/25	
Surrogate: n-Nonane		*77.7 %*	*61-141*	*10/07/25*	*10/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2541063
Chloride	**110**	20.0	1	10/07/25	10/08/25	

Sample Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

FS02A @ 2'

E510058-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
Surrogate: 4-Bromochlorobenzene-PID		*99.3 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2541034
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*10/06/25*	*10/08/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM			Batch: 2541041
Diesel Range Organics (C10-C28)	ND	25.0	1	10/07/25	10/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/07/25	10/08/25	
Surrogate: n-Nonane		*68.5 %*	*61-141*	*10/07/25*	*10/08/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT			Batch: 2541063
Chloride	**121**	20.0	1	10/07/25	10/08/25	

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2541034-BLK1)									Prepared: 10/06/25 Analyzed: 10/08/25
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	*8.07*		*8.00*		*101*	*70-130*			
LCS (2541034-BS1)									Prepared: 10/06/25 Analyzed: 10/08/25
Benzene	4.93	0.0250	5.00		98.5	70-130			
Ethylbenzene	4.85	0.0250	5.00		96.9	70-130			
Toluene	4.89	0.0250	5.00		97.7	70-130			
o-Xylene	4.88	0.0250	5.00		97.6	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.7	0.0250	15.0		97.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.88*		*8.00*		*98.5*	*70-130*			
Matrix Spike (2541034-MS1)				**Source: E510058-02**					Prepared: 10/06/25 Analyzed: 10/08/25
Benzene	5.17	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.12	0.0250	5.00	ND	102	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	5.12	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.96*		*8.00*		*99.6*	*70-130*			
Matrix Spike Dup (2541034-MSD1)				**Source: E510058-02**					Prepared: 10/06/25 Analyzed: 10/08/25
Benzene	5.11	0.0250	5.00	ND	102	70-130	1.15	27	
Ethylbenzene	5.07	0.0250	5.00	ND	101	70-130	0.891	26	
Toluene	5.08	0.0250	5.00	ND	102	70-130	1.21	20	
o-Xylene	5.07	0.0250	5.00	ND	101	70-130	0.832	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	0.918	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	0.890	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.00*		*8.00*		*100*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2541034-BLK1)									Prepared: 10/06/25 Analyzed: 10/08/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.35*		*8.00*		*91.9*	*70-130*			
LCS (2541034-BS2)									Prepared: 10/06/25 Analyzed: 10/08/25
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.3*	*70-130*			
Matrix Spike (2541034-MS2)				**Source: E510058-02**					Prepared: 10/06/25 Analyzed: 10/08/25
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.42*		*8.00*		*92.7*	*70-130*			
Matrix Spike Dup (2541034-MSD2)				**Source: E510058-02**					Prepared: 10/06/25 Analyzed: 10/08/25
Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130	14.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.41*		*8.00*		*92.7*	*70-130*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

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 (2541041-BLK1)									Prepared: 10/07/25 Analyzed: 10/09/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*48.9*		*50.0*		*97.8*	*61-141*			
LCS (2541041-BS1)									Prepared: 10/07/25 Analyzed: 10/08/25
Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
Surrogate: n-Nonane	*49.2*		*50.0*		*98.4*	*61-141*			
Matrix Spike (2541041-MS1)				**Source: E510056-06**					Prepared: 10/07/25 Analyzed: 10/08/25
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	*47.9*		*50.0*		*95.8*	*61-141*			
Matrix Spike Dup (2541041-MSD1)				**Source: E510056-06**					Prepared: 10/07/25 Analyzed: 10/08/25
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.28	20	
Surrogate: n-Nonane	*48.5*		*50.0*		*97.0*	*61-141*			

QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 30-6 #432S	**Reported:**
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/2025 11:16:13AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2541063-BLK1)									Prepared: 10/07/25 Analyzed: 10/07/25
Chloride	ND	20.0							
LCS (2541063-BS1)									Prepared: 10/07/25 Analyzed: 10/07/25
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2541063-MS1)				**Source: E510057-03**					Prepared: 10/07/25 Analyzed: 10/07/25
Chloride	257	20.0	250	ND	103	80-120			
Matrix Spike Dup (2541063-MSD1)				**Source: E510057-03**					Prepared: 10/07/25 Analyzed: 10/07/25
Chloride	258	20.0	250	ND	103	80-120	0.264	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:	San Juan 30-6 #432S	
PO Box 61529	Project Number:	17051-0002	**Reported:**
Houston TX, 77208	Project Manager:	Kate Kaufman	10/13/25 11:16

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

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

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

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: Hilcorp Energy Company	Company: SAME AS	Lab WO# E510058	Job Number 17051-0002	1D 2D 3D Std: Std
Project Name: San Juan 30-6 #432S	Address:			NM CO UT TX: NM
Project Manager: Kate Kaufman	City, State, Zip: CLIENT			
Address:	Phone:			
City, State, Zip:	Email:			
Phone:	Miscellaneous:			
Email: KKaufman@hilcorp.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks
1028	10/6/25	soil	one, 4oz	FS11 @ 1.5'		1	X	X	X		X							5.7°
1030	"	"	"	FS10 @ 1.5'		2	X	X	X		X							5.5°
1032	"	"	"	SW02A @ 0-1.5'		3	X	X	X		X							5.8°
1034	"	"	"	FS02A @ 2'		4	X	X	X		X							5.6°

Analysis and Method

EPA Program: SDWA | CWA | RCRA

Compliance: Y or N

PWSID #

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

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

Sampled by: Harper Peck

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Harper Peck	10/6/25	1236	Noe Sotv	10-6-25	1240
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

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

Lab Use Only

Received on ice: (Y) N

T1 T2 T3

AVG Temp °C

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

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

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

envirotech

Envirotech Analytical Laboratory

Printed: 10/6/2025 2:36:59PM

Sample Receipt Checklist (SRC)

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

Client:	Hilcorp Energy Co	Date Received:	10/06/25 12:40	Work Order ID:	E510058
Phone:	-	Date Logged In:	10/06/25 14:35	Logged In By:	Caitlin Mars
Email:		Due Date:	10/13/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

Comments/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date

envirotech Inc.

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 526570

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2518834830**
Incident Name	**NAPP2518834830 SAN JUAN 30-6 #432S @ 30-039-27566**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-039-27566] SAN JUAN 30 6 UNIT #432S**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	San Juan 30-6 #432S
Date Release Discovered	07/02/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Tank (Any) | Produced Water | Released: 11 BBL | Recovered: 10 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	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	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	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 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 200 and 300 (ft.)
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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between 200 and 300 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2260
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	206
GRO+DRO (EPA SW-846 Method 8015M)	57
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	07/11/2025
On what date will (or did) the final sampling or liner inspection occur	10/06/2025
On what date will (or was) the remediation complete(d)	10/06/2025
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	2000
What is the estimated volume (in cubic yards) that will be remediated	100
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fSC00000000048 ENVIROTECH
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 11/14/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**511123**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**10/06/2025**
What was the (estimated) number of samples that were to be gathered	**2**
What was the sampling surface area in square feet	**400**

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	2000
What was the total volume (cubic yards) remediated	100
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)	Site excavation and sampling activities were conducted at the Site to address the release discovered on July 2, 2025. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicate all COC concentrations are 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 nAPP2518834830.

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

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

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 526570
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2518834830 San Juan 30-6 #432S, thank you. This Remediation Closure Report is approved.	12/8/2025