



January 15, 2026

New Mexico Oil Conservation Division

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

Re: Remediation Report and Closure Request

San Juan 27-5 Unit #165N
Hilcorp Energy Company
NMOCD Incident No: nAPP2523829477

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 27-5 Unit #165N natural gas production well (Site). The Site is located on land managed by the Bureau of Land Management (BLM) in Unit E, Section 29, Township 27 North, Range 5 West, Rio Arriba County, New Mexico, (Figure 1). This report describes the delineation, excavation, and confirmation soil sampling activities performed at the Site to remediate impacted soil originating from the release.

SITE BACKGROUND

On August 25, 2025, Hilcorp personnel discovered a release of 16.5 barrels (bbls) of condensate at the Site. Specifically, while conducting a routine Site inspection, a Hilcorp operator observed condensate within the secondary containment berm. Subsequent inspection indicated the release originated from corrosion of the Site's aboveground storage tank (AST). A vacuum truck was dispatched to the Site on August 26, 2025, and was able to recover 10 bbls. The spilled fluids did not migrate horizontally outside of secondary containment. Hilcorp submitted the *Notification of Release* to the New Mexico Oil Conservation Division (NMOCD) on August 26, 2025, and the Site was assigned Incident Number nAPP2523829477.

SITE CLOSURE CRITERIA

Based on the information presented in the *Remediation Work Plan* prepared by Ensolum and dated November 21, 2025, 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

REMEDIAL EXCAVATION AND SOIL SAMPLING ACTIVITIES

Based on the delineation sampling activities described in the November 21, 2025 *Remediation Work Plan* and results presented in Table 1 and on Figure 2, Hilcorp proposed remediation through excavation and off-Site disposal of impacted soil at the Envirotech Landfarm in San Juan County, New Mexico. The NMOCD approved the *Remediation Work Plan* on December 15, 2025 (attached as Appendix A). As such, excavation activities were conducted in December 2025. Notification to the NMOCD was provided at least two business days prior to conducting remediation and sampling work, with correspondence also attached in Appendix A. To direct excavation activities, Ensolum personnel field screened soil for volatile organic compounds (VOCs) using a calibrated photoionization detector (PID).

Once field screening indicated impacted soil had been removed, five-point composite soil samples were collected from the floor (FS01 through FS03) and sidewalls (SW01 through SW03) of the excavation at a frequency not exceeding one sample per 200 square feet. All floor samples were collected at a depth of 4 feet bgs and all sidewall samples were collected at depths from the ground surface to 4 feet bgs. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. The soil samples were placed into laboratory provided containers and transported under proper chain of custody procedures to Envirotech Analytical Laboratory (Envirotech) for analysis of TPH following United States Environmental Protection Agency (EPA) Method 8015M/D, BTEX following EPA Method 8021B, and chloride following EPA Method 300.0.

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, the excavation measured approximately 450 square feet in areal extent to a depth of 4 feet bgs. Approximately 70 cubic yards of impacted soil was removed and transported to the Envirotech Landfarm located in San Juan County, New Mexico. Soil sample results are summarized in Table 1 and on Figure 3, with complete laboratory analytical reports attached as Appendix B. Photographs taken by Ensolum during the excavation work are presented in Appendix C.

CLOSURE REQUEST

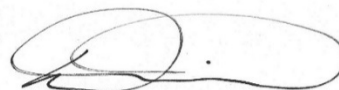
Site excavation and sampling activities were conducted at the Site to address the release discovered on August 25, 2025, at the Site. Laboratory analytical results for the excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria and the reclamation requirement, and no further remediation is required. Excavation of impacted soil has mitigated impacts at this Site, and these remedial actions have been protective of human health, the environment, and groundwater. As such, Hilcorp respectfully requests closure for Incident Number nAPP2523829477.

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

Sincerely,
Ensolum, LLC



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



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

Attachments:

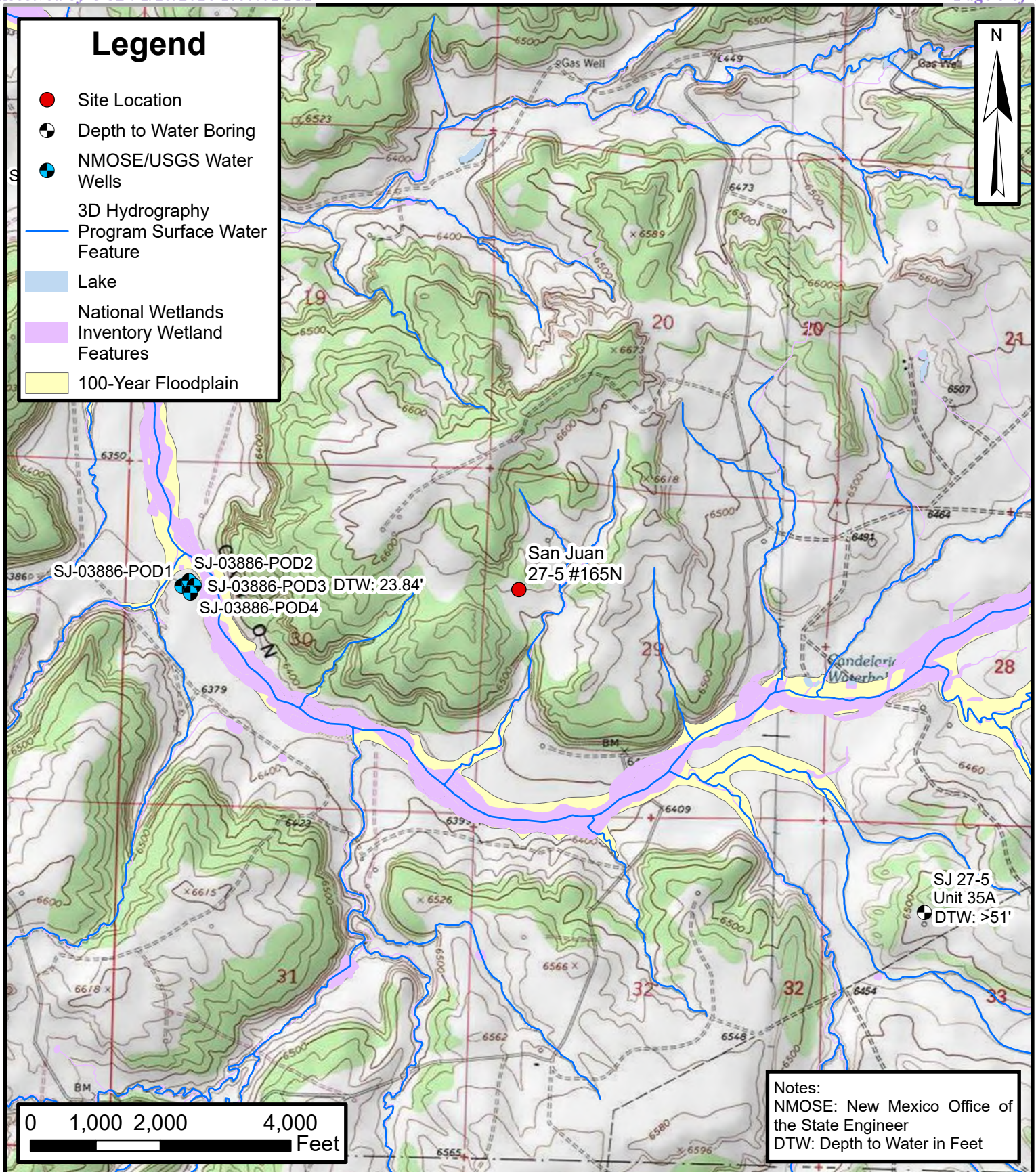
Figure 1: Site Location Map
Figure 2: Delineation Sample Locations
Figure 3: Excavation Sample Locations

Table 1: Soil Sample Analytical Results

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



FIGURES



Site Location Map

San Juan 27-5 Unit #165N
Hilcorp Energy Company

36.547657, -107.3896179
Rio Arriba County, New Mexico

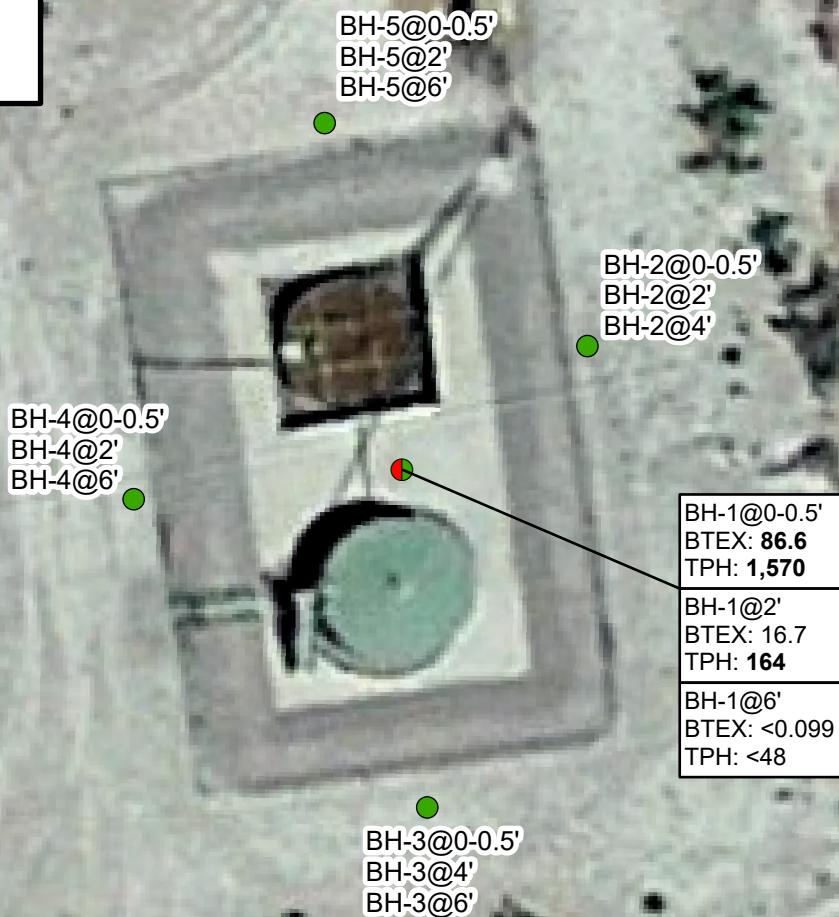
FIGURE

1

ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

Legend

- Delineation Soil Sample in Compliance with NMOCD Closure Criteria
- Delineation Soil Sample with Terminus in Compliance with NMOCD Closure Criteria



Notes:

BTEX: Total Benzene, Toluene, Ethylbenzene, and Xylenes in Milligrams per Kilogram (mg/Kg)
 TPH: Total Petroleum Hydrocarbons (mg/Kg)
 < : Indicates Result is below Laboratory Reporting Limit
Bold: Indicates Results Exceed NMOCD Closure Criteria
 NMOCD: New Mexico Oil Conservation Division

0 10 20 40
 Feet

Delineation Sample Locations

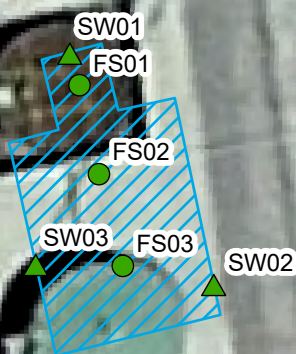
San Juan 27-5 Unit #165N
 Hilcorp Energy Company
 36.547657, -107.3896179
 Rio Arriba County, New Mexico

FIGURE
2



Legend

- Excavation Floor Sample in Compliance with NMOCD Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with NMOCD Closure Criteria
- ▨ Excavation Extent



0 10 20 40
Feet

Notes:
NMOCD: New Mexico Oil Conservation Division



Excavation Sample Locations

San Juan 27-5 Unit #165N
Hilcorp Energy Company
36.547657, -107.3896179
Rio Arriba County, New Mexico

FIGURE
3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 San Juan 27-5 Unit #165N
 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)
			NE	NE	10	NE	NE	NE	50	NE	NE	NE	100	600
Delineation Samples														
BH-1@0-0.5'	9/3/2025	0 - 0.5	336	3,140	<1.2	6.2	5.4	75	86.6	880	690	<49	1,570	490
BH-1@2'	9/3/2025	2	<156	2,893	<0.049	3.6	1.1	12	16.7	130	34	<48	164	56
BH-1@6'	9/3/2025	6	<156	25.2	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.5	<48	<48	<50
BH-2@0-0.5'	9/3/2025	0 - 0.5	<156	8.0	<0.023	<0.046	<0.046	<0.093	<0.093	<4.6	<9.5	<48	<48	<50
BH-2@2'	9/3/2025	2	<156	76.4	<0.024	<0.048	<0.048	<0.097	<0.097	<4.8	<9.3	<46	<46	150
BH-2@4'	9/3/2025	4	<156	23.3	<0.024	<0.048	<0.048	<0.095	<0.095	<4.8	<9.5	<48	<48	240
BH-3@0-0.5'	9/3/2025	0 - 0.5	<156	15.2	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.5	<47	<47	<50
BH-3@4'	9/3/2025	4	<156	35.6	<0.023	<0.046	<0.046	<0.092	<0.092	<4.6	<9.3	<47	<47	<50
BH-3@6'	9/3/2025	6	<156	9.2	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.3	<46	<46	<50
BH-4@0-0.5'	9/3/2025	0 - 0.5	<156	2.3	<0.024	<0.048	<0.048	<0.096	<0.096	<4.8	<10	<50	<50	<50
BH-4@2'	9/3/2025	2	<156	5.4	<0.023	<0.047	<0.047	<0.093	<0.093	<4.7	<9.9	<49	<49	<51
BH-4@6'	9/3/2025	6	<156	3.4	<0.025	<0.049	<0.049	<0.098	<0.098	<4.9	<9.4	<47	<47	<50
BH-5@0-0.5'	9/3/2025	0 - 0.5	<156	2.9	<0.024	<0.047	<0.047	<0.094	<0.094	<4.7	<9.6	<48	<48	<50
BH-5@2'	9/3/2025	2	<156	15.7	<0.024	<0.047	<0.047	<0.095	<0.095	<4.7	<9.8	<49	<49	<50
BH-5@6'	9/3/2025	6	<156	3.3	<0.025	<0.049	<0.049	<0.099	<0.099	<4.9	<9.2	<46	<46	<50
Excavation Floor Samples														
FS01	12/22/2025	4	NA	1.1	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
FS02	12/22/2025	4	NA	2.3	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	303
FS03	12/22/2025	4	NA	2.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	138
Excavation Sidewall Samples														
SW01	12/22/2025	0 - 4	NA	1.4	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SW02	12/22/2025	0 - 4	NA	0.8	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	42.4
SW03	12/22/2025	0 - 4	NA	1.7	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0

Notes:

bgs: Below ground surface

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

mg/kg: Milligrams per kilogram

NE: Not Established

NA: Not Analyzed

NMOCD: New Mexico Oil Conservation Division

PID: Photoionization detector

ppm: Parts per million

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon

': Feet

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

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



APPENDIX A

Agency Correspondence

From: OCDOnline@state.nm.us
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 499702
Date: Wednesday, August 27, 2025 10:22:08 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#) nAPP2523829477.

The sampling event is expected to take place:

When: 09/03/2025 @ 10:00

Where: E-29-27N-05W 1785 FNL 435 FWL (36.54748,-107.38906)

Additional Information: Stuart Hyde, 970-903-1607. Delineation sampling to occur to assess release impacts

Additional Instructions: Hilcorp San Juan 27-5 #165N well pad, coordinates 36.54748, -107.38906

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

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

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

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

From: OCDOnline@state.nm.us
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 528718
Date: Friday, December 12, 2025 10:21:09 AM

[**EXTERNAL EMAIL**]

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

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2523829477, with the following conditions:

- **The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. The release area will need confirmation samples representing no more than 200 ft². Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site receptor characterization/proven depth to water determination. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please make sure that the edge of the release extent is accurately defined, especially around equipment. Make sure samples are taken up against equipment to verify contaminants didn't go underneath. The work will need to be completed in 90 days after the report has been reviewed.**

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

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

Thank you,
Robert Hamlet
575-748-1283
Robert.Hamlet@emnrd.nm.gov

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

From: [Stuart Hyde](#)
To: [Osgood Froelich](#)
Subject: FW: The Oil Conservation Division (OCD) has accepted the application, Application ID: 535646
Date: Friday, January 9, 2026 12:00:32 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

**Stuart Hyde, PG***(Licensed in TX, WA, & WY)*

Senior Managing Geologist

970-903-1607

[Ensolum, LLC](#)

in f X

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

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, December 16, 2025 4:29 PM
To: Stuart Hyde <shyde@ensolum.com>
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 535646

[****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#) nAPP2523829477.

The sampling event is expected to take place:

When: 12/22/2025 @ 10:30

Where: E-29-27N-05W 1785 FNL 435 FWL (36.54748,-107.38906)

Additional Information: Stuart Hyde, 970-903-1607.

Additional Instructions: Hilcorp San Juan 27-5 #165N well pad, coordinates 36.54748, -107.38906

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.

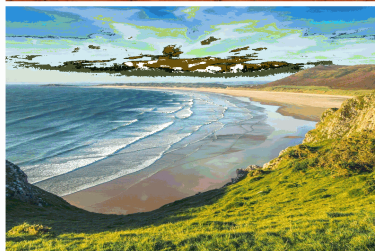
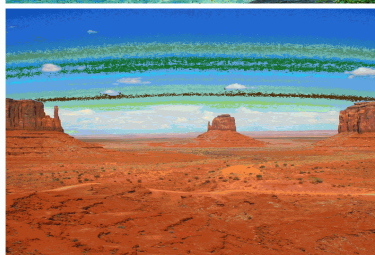
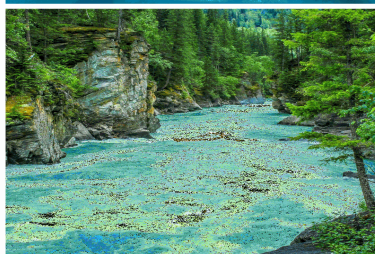
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505



APPENDIX B

Laboratory Analytical Reports

Report to:
Kate Kaufman



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: SJ 27-5 #165N

Work Order: E512201

Job Number: 17051-0002

Received: 12/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/29/25

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

Date Reported: 12/29/25

Kate Kaufman
PO Box 61529
Houston, TX 77208



Project Name: SJ 27-5 #165N
Workorder: E512201
Date Received: 12/22/2025 12:42:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/22/2025 12:42:00PM, under the Project Name: SJ 27-5 #165N.

The analytical test results summarized in this report with the Project Name: SJ 27-5 #165N 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 regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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

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

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Southern New Mexico Area

Lynn Jarboe
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ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Hilcorp Energy Co	Project Name:	SJ 27-5 #165N	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/29/25 13:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01	E512201-01A	Soil	12/22/25	12/22/25	Glass Jar, 4 oz.
FS02	E512201-02A	Soil	12/22/25	12/22/25	Glass Jar, 4 oz.
FS03	E512201-03A	Soil	12/22/25	12/22/25	Glass Jar, 4 oz.
SW01	E512201-04A	Soil	12/22/25	12/22/25	Glass Jar, 4 oz.
SW02	E512201-05A	Soil	12/22/25	12/22/25	Glass Jar, 4 oz.
SW03	E512201-06A	Soil	12/22/25	12/22/25	Glass Jar, 4 oz.



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: SJ 27-5 #165N
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
12/29/2025 1:19:37PM

FS01

E512201-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Benzene	ND	0.0250	1	12/22/25	12/23/25	
Ethylbenzene	ND	0.0250	1	12/22/25	12/23/25	
Toluene	ND	0.0250	1	12/22/25	12/23/25	
o-Xylene	ND	0.0250	1	12/22/25	12/23/25	
p,m-Xylene	ND	0.0500	1	12/22/25	12/23/25	
Total Xylenes	ND	0.0250	1	12/22/25	12/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/25	12/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.3 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2552032	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/22/25	12/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/22/25	12/22/25	
<i>Surrogate: n-Nonane</i>		94.3 %	61-141	12/22/25	12/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2552028	
Chloride	ND	20.0	1	12/22/25	12/22/25	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: SJ 27-5 #165N
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
12/29/2025 1:19:37PM

FS02

E512201-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Benzene	ND	0.0250	1	12/22/25	12/23/25	
Ethylbenzene	ND	0.0250	1	12/22/25	12/23/25	
Toluene	ND	0.0250	1	12/22/25	12/23/25	
o-Xylene	ND	0.0250	1	12/22/25	12/23/25	
p,m-Xylene	ND	0.0500	1	12/22/25	12/23/25	
Total Xylenes	ND	0.0250	1	12/22/25	12/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/25	12/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.7 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2552032	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/22/25	12/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/22/25	12/22/25	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	12/22/25	12/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2552028	
Chloride	303	20.0	1	12/22/25	12/23/25	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: SJ 27-5 #165N
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
12/29/2025 1:19:37PM

FS03

E512201-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Benzene	ND	0.0250	1	12/22/25	12/23/25	
Ethylbenzene	ND	0.0250	1	12/22/25	12/23/25	
Toluene	ND	0.0250	1	12/22/25	12/23/25	
o-Xylene	ND	0.0250	1	12/22/25	12/23/25	
p,m-Xylene	ND	0.0500	1	12/22/25	12/23/25	
Total Xylenes	ND	0.0250	1	12/22/25	12/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/25	12/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.9 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2552032	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/22/25	12/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/22/25	12/22/25	
<i>Surrogate: n-Nonane</i>						
		97.0 %	61-141	12/22/25	12/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2552028	
Chloride	138	20.0	1	12/22/25	12/23/25	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: SJ 27-5 #165N
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
12/29/2025 1:19:37PM

SW01

E512201-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Benzene	ND	0.0250	1	12/22/25	12/23/25	
Ethylbenzene	ND	0.0250	1	12/22/25	12/23/25	
Toluene	ND	0.0250	1	12/22/25	12/23/25	
o-Xylene	ND	0.0250	1	12/22/25	12/23/25	
p,m-Xylene	ND	0.0500	1	12/22/25	12/23/25	
Total Xylenes	ND	0.0250	1	12/22/25	12/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/25	12/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2552032	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/22/25	12/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/22/25	12/22/25	
<i>Surrogate: n-Nonane</i>						
	92.7 %	61-141		12/22/25	12/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2552028	
Chloride	ND	20.0	1	12/22/25	12/23/25	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: SJ 27-5 #165N
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
12/29/2025 1:19:37PM

SW02

E512201-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Benzene	ND	0.0250	1	12/22/25	12/23/25	
Ethylbenzene	ND	0.0250	1	12/22/25	12/23/25	
Toluene	ND	0.0250	1	12/22/25	12/23/25	
o-Xylene	ND	0.0250	1	12/22/25	12/23/25	
p,m-Xylene	ND	0.0500	1	12/22/25	12/23/25	
Total Xylenes	ND	0.0250	1	12/22/25	12/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	105 %	70-130		12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/25	12/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2552032	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/22/25	12/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/22/25	12/22/25	
<i>Surrogate: n-Nonane</i>						
	93.0 %	61-141		12/22/25	12/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2552028	
Chloride	42.4	20.0	1	12/22/25	12/23/25	



Sample Data

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: SJ 27-5 #165N
Project Number: 17051-0002
Project Manager: Kate Kaufman

Reported:
12/29/2025 1:19:37PM

SW03

E512201-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Benzene	ND	0.0250	1	12/22/25	12/23/25	
Ethylbenzene	ND	0.0250	1	12/22/25	12/23/25	
Toluene	ND	0.0250	1	12/22/25	12/23/25	
o-Xylene	ND	0.0250	1	12/22/25	12/23/25	
p,m-Xylene	ND	0.0500	1	12/22/25	12/23/25	
Total Xylenes	ND	0.0250	1	12/22/25	12/23/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2552007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/22/25	12/23/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.7 %	70-130	12/22/25	12/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2552032	
Diesel Range Organics (C10-C28)	ND	25.0	1	12/22/25	12/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	12/22/25	12/22/25	
<i>Surrogate: n-Nonane</i>						
		93.4 %	61-141	12/22/25	12/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2552028	
Chloride	ND	20.0	1	12/22/25	12/23/25	



QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 27-5 #165N	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/29/2025 1:19:37PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2552007-BLK1)

Prepared: 12/22/25 Analyzed: 12/23/25

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	8.41		8.00		105	70-130			

LCS (2552007-BS1)

Prepared: 12/22/25 Analyzed: 12/23/25

Benzene	5.18	0.0250	5.00		104	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.9	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.21		8.00		103	70-130			

Matrix Spike (2552007-MS1)

Source: E512195-06

Prepared: 12/22/25 Analyzed: 12/23/25

Benzene	5.39	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.15	0.0250	5.00	ND	103	70-130			
Toluene	5.29	0.0250	5.00	ND	106	70-130			
o-Xylene	5.27	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.66		8.00		108	70-130			

Matrix Spike Dup (2552007-MSD1)

Source: E512195-06

Prepared: 12/22/25 Analyzed: 12/23/25

Benzene	5.02	0.0250	5.00	ND	100	70-130	7.04	27	
Ethylbenzene	4.82	0.0250	5.00	ND	96.4	70-130	6.69	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	7.18	20	
o-Xylene	4.93	0.0250	5.00	ND	98.5	70-130	6.76	25	
p,m-Xylene	9.82	0.0500	10.0	ND	98.2	70-130	6.61	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.3	70-130	6.66	26	
Surrogate: 4-Bromochlorobenzene-PID	8.69		8.00		109	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 27-5 #165N	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/29/2025 1:19:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2552007-BLK1)

Prepared: 12/22/25 Analyzed: 12/23/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

LCS (2552007-BS2)

Prepared: 12/22/25 Analyzed: 12/23/25

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0		89.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.2	70-130			

Matrix Spike (2552007-MS2)

Source: E512195-06

Prepared: 12/22/25 Analyzed: 12/23/25

Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			

Matrix Spike Dup (2552007-MSD2)

Source: E512195-06

Prepared: 12/22/25 Analyzed: 12/23/25

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.3	70-130	4.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 27-5 #165N	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/29/2025 1:19:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2552032-BLK1)					Prepared: 12/22/25 Analyzed: 12/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.8		50.0		91.6	61-141			

LCS (2552032-BS1)					Prepared: 12/22/25 Analyzed: 12/23/25				
Diesel Range Organics (C10-C28)	249	25.0	250		99.5	66-144			
Surrogate: n-Nonane	47.1		50.0		94.3	61-141			

Matrix Spike (2552032-MS1)					Source: E512201-01		Prepared: 12/22/25 Analyzed: 12/23/25		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	56-156			
Surrogate: n-Nonane	47.1		50.0		94.1	61-141			

Matrix Spike Dup (2552032-MSD1)					Source: E512201-01		Prepared: 12/22/25 Analyzed: 12/23/25		
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	2.91	20	
Surrogate: n-Nonane	47.3		50.0		94.6	61-141			



QC Summary Data

Hilcorp Energy Co	Project Name:	SJ 27-5 #165N	Reported:
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Kate Kaufman	12/29/2025 1:19:37PM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2552028-BLK1)					Prepared: 12/22/25 Analyzed: 12/22/25				
Chloride	ND	20.0							
LCS (2552028-BS1)					Prepared: 12/22/25 Analyzed: 12/22/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2552028-MS1)					Source: E512179-24		Prepared: 12/22/25 Analyzed: 12/22/25		
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2552028-MSD1)					Source: E512179-24		Prepared: 12/22/25 Analyzed: 12/22/25		
Chloride	255	20.0	250	ND	102	80-120	0.289	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 27-5 #165N	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Kate Kaufman	12/29/25 13:19

- 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: <u>Hilco Energy Company</u>				Company:		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project Name: <u>ST 27-5 HILCO</u>				Address:		<u>E512201</u>	<u>17051-0002</u>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>						
Project Manager: <u>Kate Kaufman</u>				City, State, Zip:														
Address:				Phone:														
City, State, Zip:				Email:														
Phone:				Miscellaneous:														
Email: <u>KKaufman@hilco.com</u>																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
1028	12/22	Soil	2	FS01		1								X		4.6		
1030				FS02		2								X		4.8		
1033				FS03		3								X		5.0		
1040				SW01		4								X		5.0		
1045				SW02		5								X		4.9		
1050				SW03		6								X		5.1		
Additional Instructions: <u>CC: Shyde@ensolum.com, MPollock@Ensolum.com</u>																		
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: <u>Michael Pollock</u>																		
Relinquished by: (Signature) <u>Michael Pollock</u>				Date <u>12/22/25</u>		Time <u>1242</u>		Received by: (Signature) <u>Carth Mar</u>				Date <u>12-22-25</u>		Time <u>12:42</u>		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N		
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time				
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time				
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time				
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time				
Sample Matrix: <u>S</u> - Soil, <u>Sd</u> - Solid, <u>Sg</u> - Sludge, <u>A</u> - Aqueous, <u>O</u> - Other																		
Container Type: <u>g</u> - glass, <u>p</u> - poly/plastic, <u>ag</u> - amber glass, <u>v</u> - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 12/22/2025 12:44:39PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Hilcorp Energy Co	Date Received:	12/22/25 12:42	Work Order ID:	E512201
Phone:	505-599-3400	Date Logged In:	12/22/25 12:42	Logged In By:	Caitlin Mars
Email:	kkaufman@hilcorp.com	Due Date:	12/23/25 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: M PollockComments/ResolutionSample 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? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

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.



APPENDIX C

Photographic Log



Photographic Log
Hilcorp Energy Company
San Juan 27-5 Unit #165N
Rio Arriba County, New Mexico



Photograph: 1 Date: 09/03/2025
Description: View of BH-1, within release footprint
View: West



Photograph: 2 Date: 09/03/2025
Description: View of BH-2, east of BH-1
View: West



Photograph: 3 Date: 09/03/2025
Description: View of BH-3, south of BH-1
View: North



Photograph: 4 Date: 09/03/2025
Description: View of BH-4, west of BH-1
View: East



Photographic Log
Hilcorp Energy Company
San Juan 27-5 Unit #165N
Rio Arriba County, New Mexico



Photograph: 5 Date: 09/03/2025
Description: View of BH-5, north of BH-1

View: South



Photograph: 6 Date: 09/03/2025
Description: View of pond near Site from the well pad

View: Southwest



Photograph: 7 Date: 12/12/2025
Description: Equipment removed from proposed excavation extent

View: North-Northwest



Photograph: 8 Date: 12/22/2025
Description: Removed contaminated stockpile, later removed from Site

View: South

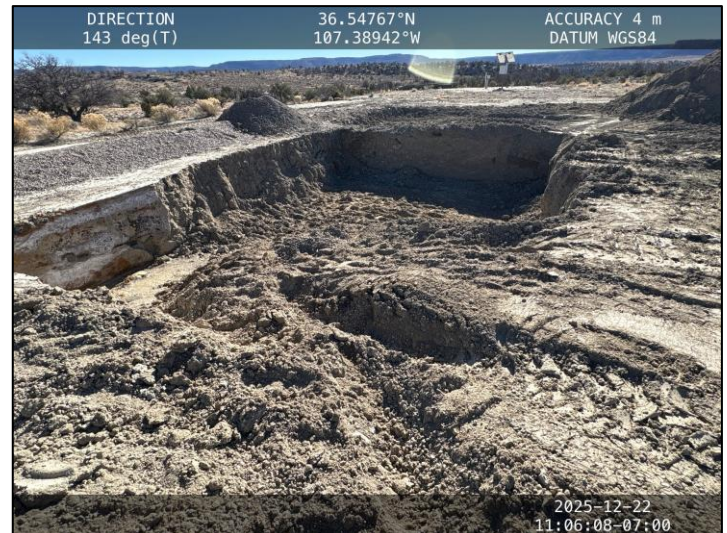


Photographic Log
Hilcorp Energy Company
San Juan 27-5 Unit #165N
Rio Arriba County, New Mexico



Photograph: 9 Date: 12/12/2025
Description: Excavation extent as of 12/12/2025

View: Northwest



Photograph: 10 Date: 12/22/2025
Description: Final excavation extent

View: South-Southeast



Photograph: 11 Date: 12/22/2025
Description: Final excavation extent

View: South-Southwest



Photograph: 12 Date: 12/22/2025
Description: Final excavation extent

View: North-Northeast

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

QUESTIONS

Action 543685

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 543685
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2523829477
Incident Name	NAPP2523829477 SAN JUAN 27-5 UNIT #165N @ 30-039-27637
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-039-27637] SAN JUAN 27 5 UNIT #165N

Location of Release Source

Please answer all the questions in this group.

Site Name	San Juan 27-5 Unit #165N
Date Release Discovered	08/25/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Oil 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	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Corrosion Tank (Any) Condensate Released: 16 BBL Recovered: 0 BBL Lost: 16 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Operations will attempt to recover standing fluids on 8/26, so volume recovered may be updated. Some rainwater has accumulated in the containment overnight.

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Action 543685

QUESTIONS (continued)

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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: 01/15/2026
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QUESTIONS, Page 3

Action 543685

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
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QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 100 and 200 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 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 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>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.</i>	
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)	490
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1570
GRO+DRO (EPA SW-846 Method 8015M)	1570
BTEX (EPA SW-846 Method 8021B or 8260B)	86.6
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>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>	
On what estimated date will the remediation commence	02/01/2026
On what date will (or did) the final sampling or liner inspection occur	02/01/2026
On what date will (or was) the remediation complete(d)	02/01/2026
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	1000
What is the estimated volume (in cubic yards) that will be remediated	112
<i>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.</i>	
<i>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.</i>	

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Action 543685

QUESTIONS (continued)

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	Action Number: 543685
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QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112336756 ENVIROTECH LANDFARM #2
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	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
<i>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>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 01/15/2026
<i>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.</i>	

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QUESTIONS, Page 5

Action 543685

QUESTIONS (continued)

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QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 543685

QUESTIONS (continued)

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	535646
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/22/2025
What was the (estimated) number of samples that were to be gathered	7
What was the sampling surface area in square feet	500

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	450
What was the total volume (cubic yards) remediated	70
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	N/A
<p><i>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></p>	
<p>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.</p>	
I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 01/15/2026

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Action 543685

QUESTIONS (continued)

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QUESTIONS

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

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CONDITIONS

Action 543685

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 543685
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CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2523829477 San Juan 27-5 Unit #165N, thank you. This Remediation Closure Report is approved.	1/16/2026