



May 22, 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 32-8 Unit #253
Hilcorp Energy Company
NMOCD Incident No: nAPP2530729744

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), submits this *Remediation Report and Closure Request* for a release at the San Juan 32-8 Unit #253 natural gas production well (Site). The Site is located on private surface with federally managed minerals administered by the Bureau of Land Management (BLM) in Unit G, Section 27, Township 32 North, Range 8 West, San Juan County, New Mexico (Figure 1). This report documents site delineation, excavation, and confirmation soil sampling activities conducted to remediate release-impacted soil at the Site.

SITE BACKGROUND

On October 29, 2025, Hilcorp personnel identified a release of approximately 20 barrels (bbls) of produced water at the Site. The release occurred during a routine water hauling operation when an equalizing valve on the aboveground storage tank (AST) was inadvertently left in the closed position, resulting in fluids overtopping the AST. The released fluids were contained within the secondary containment system and did not migrate laterally beyond the containment area. Approximately 19 bbls of fluids were recovered following the release.

Hilcorp submitted a Notification of Release to the New Mexico Oil Conservation Division (NMOCD) on November 3, 2025, and the NMOCD assigned Incident Number nAPP2530729744 to the Site.

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 underlain by Tertiary (Eocene)-age San Jose Formation, which overlies the Nacimiento Formation. The San Jose Formation consists primarily of interbedded sandstone and mudstone,

with reported thicknesses ranging from less than 200 feet to approximately 2,700 feet (Stone et al., 1983). Hydrogeologic properties of the San Jose Formation are poorly characterized due to limited testing. Where adequate yields occur, groundwater production from the formation is generally limited to domestic and livestock use.

POTENTIAL SENSITIVE RECEPTORS

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

The nearest significant water feature to the Site is a wetland located approximately 177 feet east of the well pad. The nearest freshwater well is NMOSE-permitted well SJ-02992 (Appendix A), located approximately 2,185 feet southeast of the Site, with a reported depth to water of 230 feet below ground surface (bgs). Well SJ-02992 is situated at an elevation of approximately 6,734 feet above mean sea level (amsl), which is approximately 5 feet lower than the Site elevation. Based on these data, depth to groundwater at the Site is estimated to exceed 100 feet bgs.

The Site is located within 200 feet of both a wetland and a significant watercourse but is greater than 200 feet from any lakebed, sinkhole, or playa lake. No wellhead protection areas, springs, or domestic or stock wells are located within 1/2-mile of the Site. The Site is not within a 100-year floodplain, does not overlie a subsurface mine, and is not underlain by unstable geology (designated by the BLM as low potential for karst development). Schools, hospitals, institutions, churches, or other occupied permanent residences or structures are not located within 300 feet of the Site. A site receptor map is provided as Figure 1.

SITE CLOSURE CRITERIA

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

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

DELINEATION AND SOIL SAMPLING ACTIVITIES

Following discovery of the release, Hilcorp retained Ensolum to perform hand auger delineation activities on November 11, 2025. Upon arrival at the Site, no visible staining or surface expression associated with the produced water release was observed, and a discernible release footprint could not be visually mapped. Notification of sampling activities was provided to the NMOCD prior to sampling and is included in Appendix B. Five hand auger borings, identified as HA01 through HA05, were advanced at the Site to depths up to 2 feet below ground surface (bgs). In addition, four surface soil samples, identified as SS01-0' through SS04-0', were collected (Figure 2). All hand auger borings were advanced within the secondary containment earthen berm to assess soil with the highest potential for impact from the release. Surface samples were collected to supplement hand auger data and further delineate the lateral extent 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 C. PID field screening results are also included in Table 1.

Two soil samples were collected from each hand auger boring in order to delineate the vertical impacts at the Site: one at the surface and a second at 2 feet bgs, the terminus of each boring. Soil samples were collected directly into laboratory-provided jars and immediately placed on ice. Samples were submitted to Envirotech Analytical Laboratory (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, TPH were detected above the NMOCD Closure Criteria in one surface soil sample, SS03-0', at a concentration of 610 mg/kg. All other analyzed samples had BTEX, TPH, and chloride concentrations that were either not detected above laboratory reporting limits or were below the applicable Closure Criteria. The isolated nature of the TPH exceedance, combined with the absence of elevated chloride, indicates that the observed TPH impacts are not representative of the produced water release. Rather, the impacts are interpreted to be consistent with minor hydrocarbon drips associated with routine hauling operations, such as residual fluids released during hose disconnection at tank valves. Analytical results are summarized in Table 1 and Figure 2, and complete laboratory reports are provided in Appendix D.

EXCAVATION SOIL SAMPLING ACTIVITIES

Based on the delineation sampling activities described above, Hilcorp proposed remediation through excavation and off-Site soil disposal at the Envirotech Landfarm in San Juan County, New Mexico, as a conservative measure to address the localized TPH impacts identified at the Site. Excavation activities were conducted on January 7, 2026, in the vicinity of delineation sample SS03-0'. Excavation was guided by field screening for VOCs using a calibrated PID.

Following completion of excavation activities and confirmation through field screening that impacted soil had been removed, Ensolum returned to the Site on January 20, 2026, to collect final confirmation soil samples. Notification to the NMOCD was provided at least two business days prior to sampling, with correspondence included as Appendix A. One five-point composite soil sample was collected from the excavation floor at location FS01 at a depth of 0.5 feet bgs, at a sampling density of one sample per 200 square feet. In addition, three surface soil samples, SS01 through SS03, were collected from the ground surface immediately surrounding the excavation at depths of 0 to 0.5 feet bgs.

The five-point composite floor sample was collected by combining five equal soil aliquots into a resealable plastic bag and homogenizing the sample through thorough mixing. All soil samples were placed into laboratory-provided containers and transported under appropriate chain-of-custody procedures to Envirotech for analysis of TPH, BTEX, and chloride using the methods described above.

Analytical results from the January 20, 2026, confirmation sampling indicated concentrations of TPH, BTEX, and chloride were compliant with the NMOCD Table I Closure Criteria and applicable reclamation requirements in all samples. The initial excavation encompassed approximately 60 square feet, and an estimated 2.5 cubic yards of impacted soil were removed and transported to the Envirotech Landfarm in San Juan County, New Mexico.

A *Remediation Report and Closure Request* documenting the initial excavation and confirmation sampling activities was submitted to the NMOCD. On February 23, 2026, the NMOCD denied the Remediation Closure Report and requested that additional sample points be collected on the west side of the tanks within containment to verify contaminants were not present. To address the NMOCD's request, Ensolum returned to the Site on March 2, 2026, and collected one additional surface soil sample, SS05C-0-0.5', along the west edge of the excavation. Laboratory analytical results indicated a TPH concentration of 763 mg/kg, which exceeded the applicable NMOCD Closure Criteria. Based on the isolated nature and location of the exceedance, the detected TPH impact was suspected to be associated with surficial drips related to hauling operations; however, Hilcorp elected to complete additional delineation to further evaluate the extent of impacts.

On March 26, 2026, Ensolum returned to the Site and advanced four additional hand auger boreholes, HA06 through HA09, in the vicinity of SS05C-0-0.5'. Two soil samples were collected from each hand auger borehole at depths of 0.5 feet and 1 foot bgs. Laboratory analytical results indicated concentrations of TPH, BTEX, and chloride were compliant with the NMOCD Table I Closure Criteria and applicable reclamation requirements in all hand auger soil samples, confirming that the TPH exceedance identified at SS05C-0-0.5' was localized.

On May 19, 2026, Hilcorp returned to the Site with an excavator and removed the localized impacted soil identified at SS05C-0-0.5'. Due to the NMOCD two-business-day sampling notification requirement, Ensolum returned to the Site on May 21, 2026, to collect final confirmation soil samples from the additional excavation area. The notification of sampling is included in Appendix B. One floor confirmation sample, FS02, and one sidewall confirmation sample, SW01, were collected from the final excavation extent. Laboratory analytical results indicated concentrations of TPH, BTEX, and chloride were compliant with the NMOCD Table I Closure Criteria and applicable reclamation requirements in both confirmation samples. The final excavation measured approximately 90 square feet, and an estimated total of 6 cubic yards of impacted soil was removed and transported to the Envirotech Landfarm in San Juan County, New Mexico.

Analytical results are summarized in Table 1, with complete laboratory reports provided in Appendix B. Photographs documenting excavation activities are included in Appendix C.

CLOSURE REQUEST


Site excavation and sampling activities were conducted at the Site to address the release discovered on October 29, 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 nAPP2530729744.

We appreciate the opportunity to provide this *Remediation Report and Closure Request* 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

Attachments:

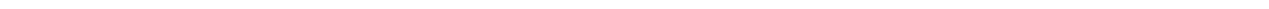
Figure 1: Site Receptor Map
Figure 2: Delineation Sample Locations
Figure 3: Excavation Sample Locations

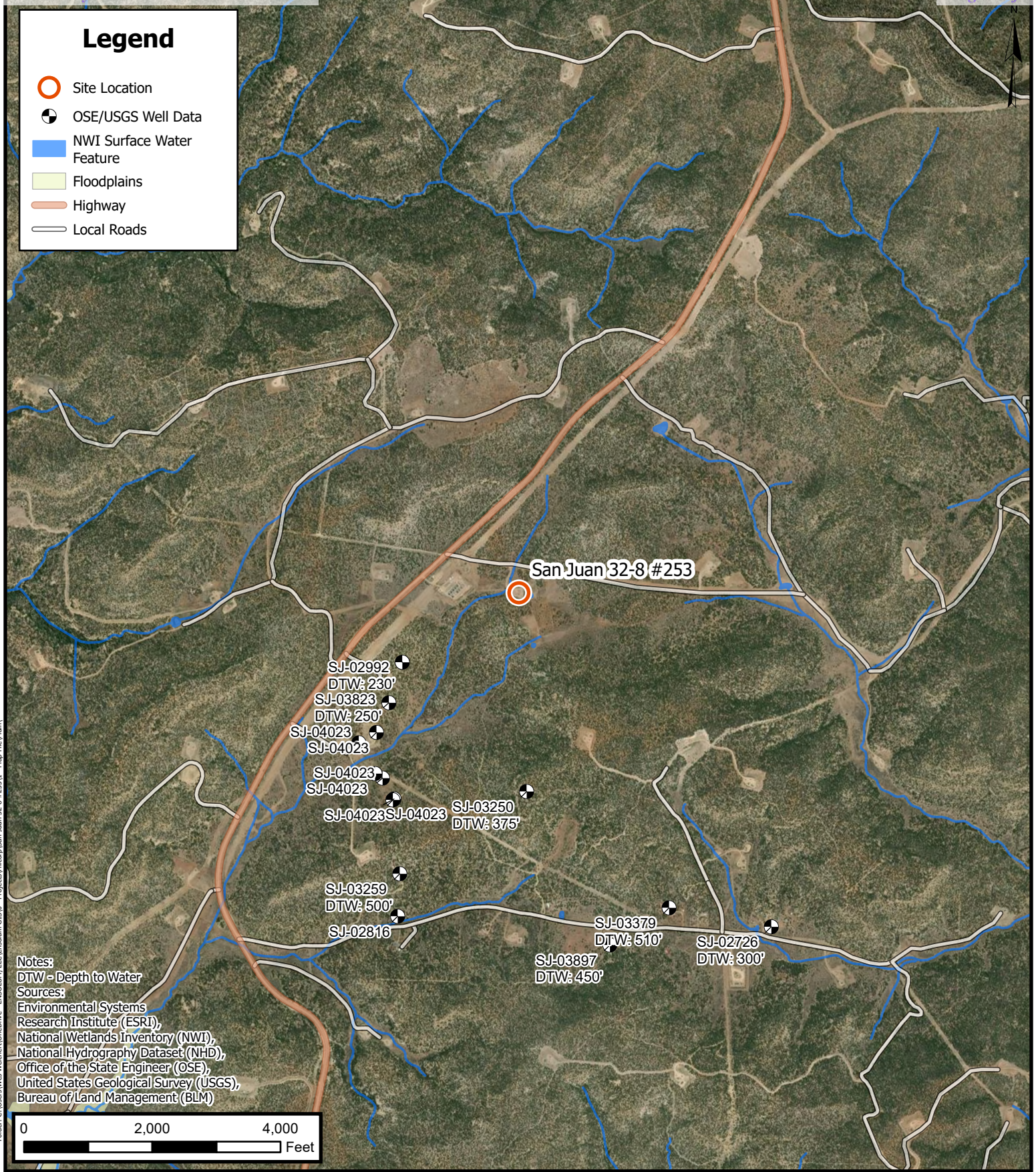
Table 1: Soil Sample Analytical Results

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



FIGURES





Folder: C:\Users\Wes.Weichert\OneDrive - ENSOLUM, LLC\Ensolium GIS\0 - Projects\Hilcorp\San Juan 32-8 #253\1 - Map File\Main

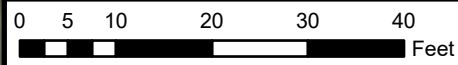


Site Receptor Map
 Hilcorp Energy Company
 San Juan 32-8 #253
 Incident Number: nAPP2530729744
 36.95691, -107.65935
 San Juan County, New Mexico

FIGURE
 1

Legend

- Delineation Soil Samples
Compliant with NMOCD
Closure Criteria
- Delineation Soil Samples
Exceeding NMOCD
Closure Criteria



Sources: Environmental Systems Research Institute (ESRI)



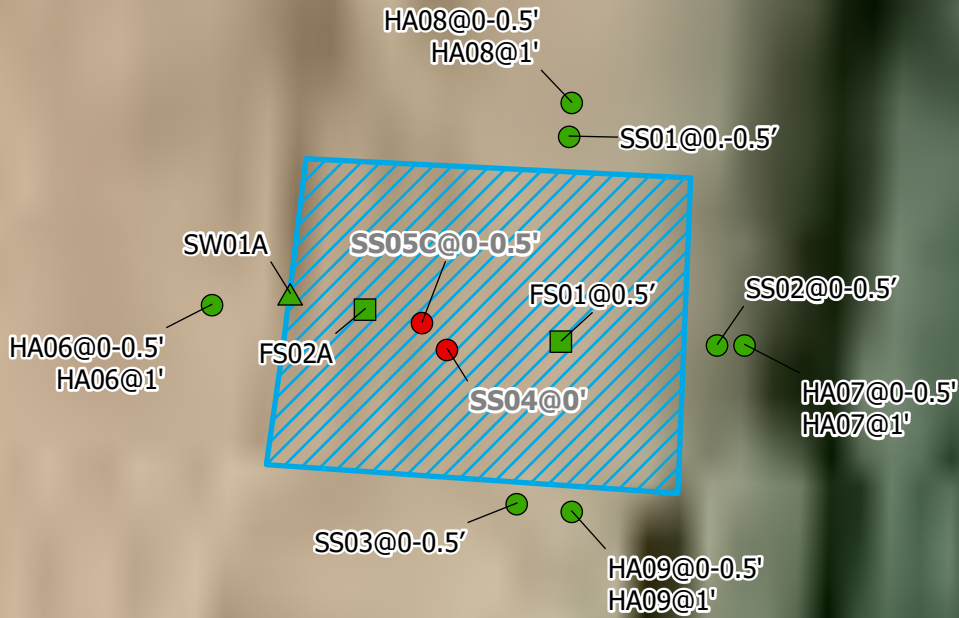
Delineation Soil Sample Locations

Hilcorp Energy Company
 San Juan 32-8 #253
 Incident Number: nAPP2530729744
 36.95691, -107.65935
 San Juan County, New Mexico

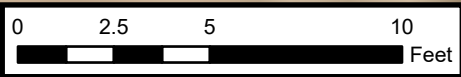
FIGURE
2

Legend

- Confirmation Floor Sample Compliant with Closure Criteria
- Delineation Confirmation Sample Compliant with Closure Criteria
- Delineation Sample Exceeding Closure Criteria (Removed)
- ▲ Confirmation Sidewall Sample Compliant with Closure Criteria
- Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in **bold** indicate sample exceeded applicable closure criteria.
 Grey text indicate soil sample was removed during excavation activities.



Sources: Environmental Systems Research Institute (ESRI)

Confirmation Soil Sample Locations

Hilcorp Energy Company
 San Juan 32-8 #253
 Incident Number: nAPP2530729744
 36.95691, -107.65935
 San Juan County, New Mexico

FIGURE

3





TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 San Juan 32-8 Unit #253
 Hilcorp Energy Company
 San Juan County, New Mexico

Sample Identification	Date	Depth (feet bgs)	Chloride Field Test (ppm)	PID (ppm)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Closure Criteria for Soils Impacted by a Release			NE	NE	10	NE	NE	NE	50	NE	NE	NE	100	600
Surface Delineation Soil Samples														
SS01-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS02-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS03-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
SS04-0'	11/11/2025	0	246	NA	<0.0250	0.0415	<0.0250	0.0578	0.993	<20.0	209	404	610	449
SS05C-0-0.5'	3/2/2026	0.5	--	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	173	590	763	466
Delineation Soil Samples														
HA01-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	31.2
HA01-2'	11/11/2025	2	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
HA02-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	125
HA02-2'	11/11/2025	2	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
HA03-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	111
HA03-2'	11/11/2025	2	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	45.0
HA04-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	58.7
HA04-2'	11/11/2025	2	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	24.0
HA05-0'	11/11/2025	0	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
HA05-2'	11/11/2025	2	--	NA	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<50.0	<50.0	<20.0
HA06@0-0.5'	3/26/2026	0-0.5	--	61.9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	184
HA06@1'	3/26/2026	1	--	47.8	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	139
HA07@0-0.5'	3/26/2026	0-0.5	--	21.9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	273
HA07@1'	3/26/2026	1	--	6.1	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	210
HA08@0-0.5'	3/26/2026	0-0.5	--	1.3	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	22.1
HA08@1'	3/26/2026	1	--	0.9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	17.9
HA09@0-0.5'	3/26/2026	0-0.5	--	0.9	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	175
HA09@1'	3/26/2026	1	--	0.0	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	153
Confirmation Soil Samples														
FS01@0.5'	1/20/2026	0.5	--	0.7	<0.020	<0.039	<0.039	<0.079	<0.079	<3.9	<9.8	<49	<49	<49
FS02A	5/21/2026	1.0'	--	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	47.4
SW01A	5/21/2026	0 - 1'	--	0.0	<0.0250	<0.0250	<0.0250	<0.0500	<0.0500	<20.0	<25.0	<50.0	<50.0	33.3
SS01@0'-0.5'	1/20/2026	0 - 0.5	--	0.3	<0.019	<0.038	<0.038	<0.076	<0.076	<3.8	<9.3	<46	<46	<50
SS02@0'-0.5'	1/20/2026	0 - 0.5	--	0.2	<0.016	<0.033	<0.033	<0.065	<0.065	<3.3	<9.5	<48	<48	54
SS03@0'-0.5'	1/20/2026	0 - 0.5	--	0.4	<0.020	<0.040	<0.040	<0.080	<0.080	<4.0	<9.8	<49	<49	260

Notes:

bgs: Below ground surface
 BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes
 mg/kg: Milligrams per kilogram
 NA: Not Analyzed
 NE: Not Established
 NMOCDC: New Mexico Oil Conservation Division
 PID: Photoionization detector
 ppm: Parts per million
 -- : Not Detected

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

Grey and strikethrough text represents soil sample areas that have been excavated



APPENDIX A

Depth to Water Determination

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

159993

Section 1. GENERAL INFORMATION

(A) Owner of well HARVEY AND LYNN ROBBINS Owner's Well No. SJ-2992
 Street or Post Office Address P.O. Box 6396
 City and State Navajo Dam, NM 87419

Well was drilled under Permit No. SJ-2992 and is located in the:
 a. nw ¼ ne ¼ sw ¼ _____ ¼ of Section 27 Township 32n Range 8w N.M.P.M.
 b. Tract No. _____ of Map No. _____ of the _____
 c. Lot No. _____ of Block No. _____ of the _____
 Subdivision, recorded in San Juan County.
 d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
 the _____ Grant.

(B) Drilling Contractor Bailey Drilling Company License No. WD 1357
 Address 4203 Terrace Dr., Farmington, NM 87402

Drilling Began 5-25-00 Completed 6-1-00 Type tools rotary air Size of hole 7 7/8 in.
 Elevation of land surface or _____ at well is _____ ft. Total depth of well 330 ft.
 Completed well is shallow artesian. Depth to water upon completion of well 230 ft.

00 JUN 11 AM 11:31
 STATE ENGINEER OFFICE
 ALBUQUERQUE, N.M.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
285	330	45	sandstone	7

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations		
			Top	Bottom			From	To	
5			0	330	330			270	330

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

00 JUN 8 P
 STATE ENGINEER OFFICE
 ALBUQUERQUE, N.M.

STATE ENGINEER OFFICE/INTERSTATE STREAM COMMISSION - AZTEC

OFFICIAL RECEIPT NUMBER 5-00986

DATE 4-17-2000

FILE NO. SJ-299

TOTAL RECEIVED: \$ 5.00 RECEIVED:

DATE

DOLLARS CHECK NO

FROM: Harvey Robbins

BANK NAME: First

RECEIVED BY: (Signature) Bill Swartz

(TITLE)

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. Original to payor, pink yellow copy to Water Rights - Santa Fe, and goldenrod copy for District file. If you make a mistake, void original and all copies and submit to MSD receipts and the weekly report.

A. Ground Water Rights Filing Fees (411840)

- 1. Declaration of Water Right \$ 1.00
- 2. Application to Appropriate: Domestic, Stock, Other Use \$ 5.00
- 3. Application for Test, Exploratory, or Observation Well \$ 5.00
- 4. Application to Change Location Domestic Well \$ 5.00
- 5. Application to Repair or Deepen \$ 5.00
- 6. Application to Dewater \$ 5.00
- 7. Application to Appropriate Irrig., Mun., Ind., or Com. Use \$ 25.00
- 8. Application to Combine Wells and/or Use \$ 25.00
- 9. Application for Supplemental Well \$ 25.00
- 10. Application to Change Location of Non-72-12-1 Well \$ 25.00
- 11. Application to Change Place of Well and Place and/or Purpose of Use \$ 50.00
- 12. Application to Change Location of Well and Place and/or Purpose of Use \$ 50.00
- 13. Application for Extension of Time (Specify: _____) \$ 25.00
- 14. Certificate and License (for each permit therein) (VAR) \$ 25.00
- 15. Application for Plan of Replacement \$ 25.00
- 16. Other (As per Art. 6-2 of Rules and Regulations) Specify: _____ \$ 25.00
- 17. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface to Ground Water \$ 50.00

B. Surface Water Rights Filing Fees (411840)

- 1. Declaration of Water Right \$ 1.00
- 2. Declaration of Livestock Dam \$ 1.00
- 3. Application to Change Point of Diversion \$ 25.00
- 4. Application to Change Place and/or Purpose of Use \$ 50.00
- 5. Application to Change Point of Diversion and Place and/or Purpose of Use \$ 50.00
- 6. Notice of Intent to Appropriate \$ 25.00
- 7. Application to Appropriate \$ 25.00
- 8. Application for Extension of Time \$ 50.00
- 9. Certificate of Construction \$ 25.00
- 10. License to Appropriate \$ 25.00
- 11. Application to Enlarge of Amend \$ 25.00
- 12. Other (As per 72-2-6.J NMSA 1978) (Specify: _____) (VAR) \$ 25.00
- 13. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground to Surface Water \$ 50.00

C. Miscellaneous Fees (411840)

- 1. Application to Construct Flood-Control Dam. Same as #6 below
- 2. Application for Well Driller's License \$ 50.00
- 3. Application for Renewal of Well Driller's License \$ 20.00
- 4. Application to Amend Well Driller's License \$ 5.00
- 5. Issue of Certified Letter of Dams (\$10.00 + \$2.00/\$1,000 of estimated construction cost) \$ 5.00
- 6. Review of Plans for Safety of Dams (\$10.00 + \$2.00/\$1,000 of estimated construction cost) (VAR)

D. Hearing Deposit (411890)

E. Reproduction of Documents (419740) 20¢/copy, limit 10 copies of each document.

F. Water Right Determination

G. Certification

H. Other (Specify - Not for Filing Fees)

COMMENTS:



APPENDIX B

Agency Correspondence

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 522965

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 522965
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530729744
Incident Name	NAPP2530729744 SAN JUAN 32-8 UNIT 253 @ 30-045-29460
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-045-29460] SAN JUAN 32 8 UNIT #253

Location of Release Source	
Site Name	San Juan 32-8 Unit 253
Date Release Discovered	10/29/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	2,000
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/11/2025
Time sampling will commence	09:00 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 32-8 #253 (30-045-29450) 36.95691, -107.65935

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 522965

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 522965
	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.	11/4/2025
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.	11/4/2025

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 543631

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 543631
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530729744
Incident Name	NAPP2530729744 SAN JUAN 32-8 UNIT 253 @ 30-045-29460
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-045-29460] SAN JUAN 32 8 UNIT #253

Location of Release Source	
Site Name	San Juan 32-8 Unit 253
Date Release Discovered	10/29/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
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	01/20/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Contact PM Stuart Hyde 970-903-1607
Please provide any information necessary for navigation to sampling site	San Juan 32-8 #253 (30-045-29450) 36.95691, -107.65935

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 543631

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 543631
	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.	1/15/2026
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.	1/15/2026

From: OCDOnline@emnrd.nm.gov
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 557711
Date: Wednesday, February 25, 2026 10:56:01 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#) nAPP2530729744.

The sampling event is expected to take place:

When: 03/02/2026 @ 10:00

Where: G-27-32N-08W 1824 FNL 1757 FEL (36.95691,-107.65935)

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

Additional Instructions: San Juan 32-8 #253 (30-045-29450) 36.95691, -107.65935

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@emnrd.nm.gov
To: [Stuart Hyde](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 564468
Date: Wednesday, March 18, 2026 2:16:26 PM

[**EXTERNAL EMAIL**]

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

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2530729744.

The sampling event is expected to take place:

When: 03/26/2026 @ 10:00

Where: G-27-32N-08W 1824 FNL 1757 FEL (36.95691,-107.65935)

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

Additional Instructions: San Juan 32-8 #253 (30-045-29450) 36.95691, -107.65935

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: [Stuart Hyde](#)
To: [Kate Kaufman](#); [Wes Weichert](#); [Devin Hencmann](#)
Subject: Fw: The Oil Conservation Division (OCD) has rejected the application, Application ID: 546836
Date: Monday, February 23, 2026 4:11:47 PM

SAN JUAN 32 8 UNIT #253

Stuart Hyde, PG

(Licensed in TX, WA, & WY)

Senior Managing Geologist

(970) 903-1607

Ensolum, LLC

From: OCDOnline@emnrd.nm.gov <OCDOnline@emnrd.nm.gov>
Sent: Monday, February 23, 2026 3:33:17 PM
To: Stuart Hyde <shyde@ensolum.com>
Subject: The Oil Conservation Division (OCD) has rejected the application, Application ID: 546836

[**EXTERNAL EMAIL**]

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

The OCD has rejected the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAPP2530729744, for the following reasons:

- **The Remediation Closure Report is Denied. Additional sample points will need to be taken on the west side of the tanks within the containment to verify contaminants are not present.**

The rejected C-141 can be found in the OCD Online: Permitting - Action Status, under the Application ID: 546836.

Please review and make the required correction(s) prior to resubmitting.

If you have any questions why this application was rejected or believe it was rejected in error, please contact me prior to submitting an additional C-141.

Thank you,
Robert Hamlet
Senior Environmental Scientist
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

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 585868

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 585868
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530729744
Incident Name	NAPP2530729744 SAN JUAN 32-8 UNIT 253 @ 30-045-29460
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-045-29460] SAN JUAN 32 8 UNIT #253

Location of Release Source	
Site Name	San Juan 32-8 Unit 253
Date Release Discovered	10/29/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/21/2026
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 32-8 #253 36.95691, -107.65935

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 585868

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 585868
	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.	5/18/2026
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.	5/18/2026



APPENDIX C

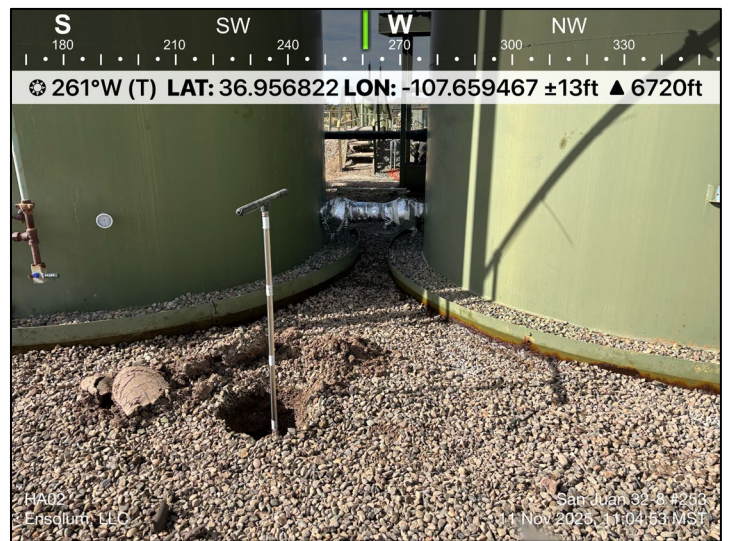
Photographic Log



Photographic Log
Hilcorp Energy Company
San Juan 32-8 Unit #253
San Juan County, New Mexico



Photograph: 1 Date: 11/11/2026
Description: View of HA01.
View: West - Southwest



Photograph: 2 Date: 11/11/2026
Description: View of HA02.
View: West



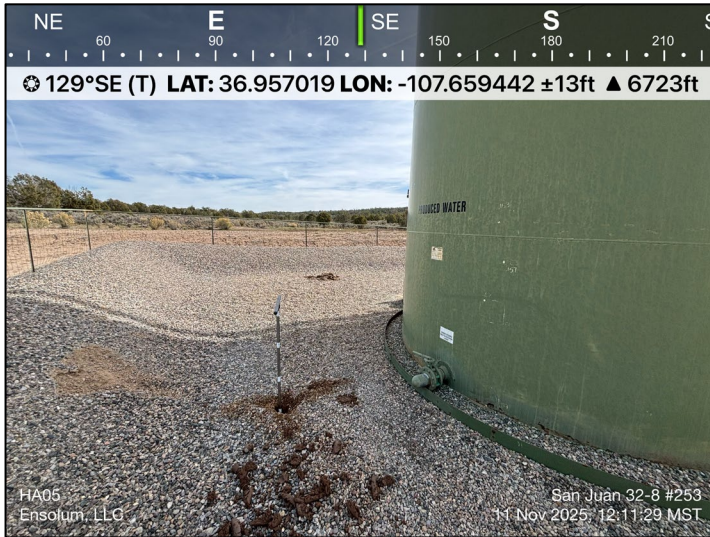
Photograph: 3 Date: 11/11/2026
Description: View of HA03.
View: Northwest



Photograph: 4 Date: 11/11/2026
Description: View of HA04
View: South



Photographic Log
Hilcorp Energy Company
San Juan 32-8 Unit #253
San Juan County, New Mexico



Photograph: 5
Description: View of HA05.
View: Southeast

Date: 11/11/2026



Photograph: 6
Description: Initial Excavation Extent
View: West

Date: 1/7/2026



Photograph: 7
Description: Additional excavation activities
View: Northwest

Date: 5/19/2026



Photograph: 8
Description: Final excavation extent.
View: North

Date: 5/19/2026



APPENDIX D

Laboratory Analytical Reports

Report to:
Wes Weichert



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: San Juan 32-8 #253

Work Order: E511152

Job Number: 17051-0002

Received: 11/11/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
11/18/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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: 11/18/25

Wes Weichert
PO Box 61529
Houston, TX 77208

Project Name: San Juan 32-8 #253
Workorder: E511152
Date Received: 11/11/2025 3:35:00PM

Wes Weichert,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/11/2025 3:35:00PM, under the Project Name: San Juan 32-8 #253.

The analytical test results summarized in this report with the Project Name: San Juan 32-8 #253 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
HA01-0'	6
HA01-2'	7
HA02-0'	8
HA02-2'	9
HA03-0'	10
HA03-2'	11
HA04-0'	12
HA04-2'	13
HA05-0'	14
HA05-2'	15
SS01-0'	16
SS02-0'	17
SS03-0'	18
SS04-0'	19
QC Summary Data	20
QC - Volatile Organics by EPA 8021B	20
QC - Nonhalogenated Organics by EPA 8015D - GRO	21
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	22
QC - Anions by EPA 300.0/9056A	23
Definitions and Notes	24

Table of Contents (continued)

Chain of Custody etc.

25

Sample Summary

Hilcorp Energy Co
PO Box 61529
Houston TX, 77208

Project Name: San Juan 32-8 #253
Project Number: 17051-0002
Project Manager: Wes Weichert

Reported:
11/18/25 08:38

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
HA01-0'	E511152-01A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA01-2'	E511152-02A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA02-0'	E511152-03A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA02-2'	E511152-04A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA03-0'	E511152-05A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA03-2'	E511152-06A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA04-0'	E511152-07A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA04-2'	E511152-08A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA05-0'	E511152-09A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
HA05-2'	E511152-10A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
SS01-0'	E511152-11A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
SS02-0'	E511152-12A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
SS03-0'	E511152-13A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.
SS04-0'	E511152-14A	Soil	11/11/25	11/11/25	Glass Jar, 2 oz.



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA01-0'
E511152-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/14/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/14/25	
Toluene	ND	0.0250	1	11/12/25	11/14/25	
o-Xylene	ND	0.0250	1	11/12/25	11/14/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/14/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.6 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		92.7 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	31.2	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA01-2'
E511152-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/14/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/14/25	
Toluene	ND	0.0250	1	11/12/25	11/14/25	
o-Xylene	ND	0.0250	1	11/12/25	11/14/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/14/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		98.1 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/14/25	
<i>Surrogate: n-Nonane</i>						
		92.2 %	61-141	11/13/25	11/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	ND	20.0	1	11/12/25	11/12/25	

Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA02-0'
E511152-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/14/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/14/25	
Toluene	ND	0.0250	1	11/12/25	11/14/25	
o-Xylene	ND	0.0250	1	11/12/25	11/14/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/14/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		101 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/14/25	
<i>Surrogate: n-Nonane</i>		92.5 %	61-141	11/13/25	11/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	125	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA02-2'
E511152-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/14/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/14/25	
Toluene	ND	0.0250	1	11/12/25	11/14/25	
o-Xylene	ND	0.0250	1	11/12/25	11/14/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/14/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	11/12/25	11/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>		91.7 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	ND	20.0	1	11/12/25	11/12/25	

Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA03-0'
E511152-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.9 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		92.3 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	111	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA03-2'
E511152-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.1 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		88.9 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	45.0	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA04-0'
E511152-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/13/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/13/25	
Toluene	ND	0.0250	1	11/12/25	11/13/25	
o-Xylene	ND	0.0250	1	11/12/25	11/13/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/13/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		99.5 %	70-130	11/12/25	11/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.0 %	70-130	11/12/25	11/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		89.7 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	58.7	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA04-2'
E511152-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.9 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		92.8 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	24.0	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA05-0'
E511152-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		100 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>		92.8 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	ND	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

HA05-2'
E511152-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		91.8 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	ND	20.0	1	11/12/25	11/12/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

SS01-0'

E511152-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		91.5 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	ND	20.0	1	11/12/25	11/13/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

SS02-0'

E511152-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		89.8 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	ND	20.0	1	11/12/25	11/13/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

SS03-0'

E511152-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	ND	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	ND	0.0500	1	11/12/25	11/15/25	
Total Xylenes	ND	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.8 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	ND	25.0	1	11/13/25	11/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	11/13/25	11/13/25	
<i>Surrogate: n-Nonane</i>						
		89.9 %	61-141	11/13/25	11/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	ND	20.0	1	11/12/25	11/13/25	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

SS04-0'

E511152-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Benzene	ND	0.0250	1	11/12/25	11/15/25	
Ethylbenzene	ND	0.0250	1	11/12/25	11/15/25	
Toluene	0.0415	0.0250	1	11/12/25	11/15/25	
o-Xylene	ND	0.0250	1	11/12/25	11/15/25	
p,m-Xylene	0.0578	0.0500	1	11/12/25	11/15/25	
Total Xylenes	0.0578	0.0250	1	11/12/25	11/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		97.8 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2546112
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/25	11/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	11/12/25	11/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2546116
Diesel Range Organics (C10-C28)	209	25.0	1	11/13/25	11/14/25	
Oil Range Organics (C28-C36)	401	50.0	1	11/13/25	11/14/25	
<i>Surrogate: n-Nonane</i>						
		89.1 %	61-141	11/13/25	11/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2546114
Chloride	149	20.0	1	11/12/25	11/13/25	



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

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

Blank (2546112-BLK1)

Prepared: 11/12/25 Analyzed: 11/13/25

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	8.04		8.00		100	70-130			

LCS (2546112-BS1)

Prepared: 11/12/25 Analyzed: 11/13/25

Benzene	5.00	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.3	70-130			
Toluene	4.96	0.0250	5.00		99.3	70-130			
o-Xylene	4.92	0.0250	5.00		98.5	70-130			
p,m-Xylene	9.89	0.0500	10.0		98.9	70-130			
Total Xylenes	14.8	0.0250	15.0		98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	70-130			

Matrix Spike (2546112-MS1)

Source: E511152-07

Prepared: 11/12/25 Analyzed: 11/13/25

Benzene	5.02	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	70-130			
Toluene	4.99	0.0250	5.00	ND	99.9	70-130			
o-Xylene	4.94	0.0250	5.00	ND	98.8	70-130			
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			

Matrix Spike Dup (2546112-MSD1)

Source: E511152-07

Prepared: 11/12/25 Analyzed: 11/13/25

Benzene	5.19	0.0250	5.00	ND	104	70-130	3.43	27	
Ethylbenzene	5.02	0.0250	5.00	ND	100	70-130	3.22	26	
Toluene	5.16	0.0250	5.00	ND	103	70-130	3.26	20	
o-Xylene	5.10	0.0250	5.00	ND	102	70-130	3.23	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	3.20	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	3.21	26	
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			



QC Summary Data

Hilcorp Energy Co	Project Name:	San Juan 32-8 #253	Reported: 11/18/2025 8:38:23AM
PO Box 61529	Project Number:	17051-0002	
Houston TX, 77208	Project Manager:	Wes Weichert	

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

Blank (2546112-BLK1)

Prepared: 11/12/25 Analyzed: 11/13/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130			

LCS (2546112-BS2)

Prepared: 11/12/25 Analyzed: 11/13/25

Gasoline Range Organics (C6-C10)	38.8	20.0	50.0		77.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130			

Matrix Spike (2546112-MS2)

Source: E511152-07

Prepared: 11/12/25 Analyzed: 11/13/25

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		100	70-130			

Matrix Spike Dup (2546112-MSD2)

Source: E511152-07

Prepared: 11/12/25 Analyzed: 11/13/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.9	70-130	4.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

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

Blank (2546116-BLK1)

Prepared: 11/13/25 Analyzed: 11/13/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	44.5		50.0		89.1	61-141			

LCS (2546116-BS1)

Prepared: 11/13/25 Analyzed: 11/13/25

Diesel Range Organics (C10-C28)	228	25.0	250		91.2	66-144			
Surrogate: <i>n</i> -Nonane	44.8		50.0		89.7	61-141			

Matrix Spike (2546116-MS1)

Source: E511152-06

Prepared: 11/13/25 Analyzed: 11/13/25

Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.8	56-156			
Surrogate: <i>n</i> -Nonane	44.9		50.0		89.8	61-141			

Matrix Spike Dup (2546116-MSD1)

Source: E511152-06

Prepared: 11/13/25 Analyzed: 11/13/25

Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.5	56-156	1.28	20	
Surrogate: <i>n</i> -Nonane	45.2		50.0		90.4	61-141			



QC Summary Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Wes Weichert	Reported: 11/18/2025 8:38:23AM
--	---	--

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2546114-BLK1)

Prepared: 11/12/25 Analyzed: 11/12/25

Chloride ND 20.0

LCS (2546114-BS1)

Prepared: 11/12/25 Analyzed: 11/12/25

Chloride 256 20.0 250 103 90-110

Matrix Spike (2546114-MS1)

Source: E511055-01

Prepared: 11/12/25 Analyzed: 11/12/25

Chloride 264 20.0 250 ND 106 80-120

Matrix Spike Dup (2546114-MSD1)

Source: E511055-01

Prepared: 11/12/25 Analyzed: 11/12/25

Chloride 264 20.0 250 ND 105 80-120 0.0527 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 32-8 #253	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Wes Weichert	11/18/25 08:38

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>Hillcorp</u>				Company: <u>Hillcorp</u>				Lab WO# <u>E51152</u>				Job Number <u>17051.0002</u>				<table border="1"> <tr> <td>1D</td><td>2D</td><td>3D</td><td>Std</td> </tr> <tr> <td></td><td></td><td></td><td><input checked="" type="checkbox"/></td> </tr> </table>				1D	2D	3D	Std				<input checked="" type="checkbox"/>	<table border="1"> <tr> <td>NM</td><td>CO</td><td>UT</td><td>TX</td> </tr> <tr> <td><input checked="" type="checkbox"/></td><td></td><td></td><td></td> </tr> </table>				NM	CO	UT	TX	<input checked="" type="checkbox"/>			
1D	2D	3D	Std																																				
			<input checked="" type="checkbox"/>																																				
NM	CO	UT	TX																																				
<input checked="" type="checkbox"/>																																							
Project Name: <u>San Juan 32-8 #253</u>				Address:																																			
Project Manager: <u>Wes Weichert</u>				City, State, Zip:																																			
Address: <u>Ensolum</u>				Phone:																																			
City, State, Zip:				Email: <u>K Kaufman @ hillcorp.com</u>																																			
Phone: <u>816-266-8732</u>				Miscellaneous: <u>ATTN: Kate Kaufman</u>																																			
Email: <u>wweichert@ensolum.com</u>																																							
Sample Information										Analysis and Method						EPA Program																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1003 - TX	RCRA 8 Metals	BGDQC - MM	BGDQC - TX	SDWA	CWA	RCRA	Compliance	PWSID #	Sample Temp	Remarks															
																					Y or N																		
1041	11-11-25	S	1	HA01 - 0'				1								X							3.9																
1052		S	1	HA01 - 2'				2								X							4.6																
1136		S	1	HA02 - 0'				3								X							4.0																
1100		S	1	HA02 - 2'				4								X							4.2																
1138		S	1	HA03 - 0'				5								X							3.8																
1114		S	1	HA03 - 2'				6								X							3.8																
1140		S	1	HA04 - 0'				7								X							4.4																
1205		S	1	HA04 - 2'				8								X							4.5																
1142		S	1	HA05 - 0'				9								X							5.0																
1213		S	1	HA05 - 2'				10								X							4.8																
Additional Instructions: <u>cc: wweichert@ensolum.com, Shylce@ensolum.com, K Kaufman@hillcorp.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>Higinio Gonzalez</u>																																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> 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: 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.																																							



Chain of Custody

Client Information				Invoice Information				Lab Use Only				TAT				State																																																																																
Client: <u>HICOP</u>				Company: <u>HICOP</u>				Lab WO# <u>E51152</u>		Job Number <u>17051-0002</u>		1D		2D		3D		Std <input checked="" type="checkbox"/>		NM <input checked="" type="checkbox"/>		CO		UT		TX																																																																						
Project Name: <u>San Juan 32-8 #253</u>				Address:				<table border="1"> <tr> <th colspan="10">Analysis and Method</th> <th colspan="4">EPA Program</th> </tr> <tr> <td>DRO/DRO by 8015</td> <td>GRO/DRO by 8015</td> <td>BTEX by 8021</td> <td>VOC by 8260</td> <td>Chloride 300.0</td> <td>TCEQ 1008 - TX</td> <td>RCRA 8 Metals</td> <td>BGDOC - NM</td> <td>BGDOC - TX</td> <td>SDWA</td> <td>CWA</td> <td>RCRA</td> <td colspan="3">Compliance</td> <td rowspan="2">PWSID #</td> <td rowspan="2">Sample Temp</td> <td rowspan="2">Remarks</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Y</td> <td>or</td> <td>N</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								Analysis and Method										EPA Program				DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1008 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance			PWSID #	Sample Temp	Remarks													Y	or	N																			Project Manager: <u>Wes Weichert</u>				City, State, Zip:				Phone: <u>816-266-8782</u>				Email: <u>wweichert@chsolum.com</u>			
Analysis and Method																EPA Program																																																																																
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1008 - TX	RCRA 8 Metals	BGDOC - NM									BGDOC - TX	SDWA	CWA	RCRA	Compliance			PWSID #	Sample Temp	Remarks																																																																							
																				Y	or	N																																																																										
Address: <u>ENSOLUM</u>				City, State, Zip:				Email: <u>K. Kautman @ hicorp.com</u>				Miscellaneous: <u>AHN: Kate Kautman</u>																																																																																				
City, State, Zip:																																																																																																
Phone: <u>816-266-8782</u>																																																																																																
Email: <u>wweichert@chsolum.com</u>																																																																																																
Sample Information																																																																																																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1008 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks																																																																													
1231	11-11-25	S	1	5501 - 0'				11								X		4.6																																																																														
1280	11-11-25	S	1	5502 - 0'				12								X		4.5																																																																														
1228	11-11-25	S	1	5503 - 0'				13								X		3.9																																																																														
1235	11-11-25	S	1	5504 - 0'				14								X		3.6																																																																														
Additional Instructions: CC: <u>wweichert@chsolum.com, Snyder@chsolum.com, Kkautman@hicorp.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>Higinio Gonzalez</u>																																																																																																
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N																																																																																								
		11-11-25	1535			11-11-25	1535																																																																																									
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: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																																																																																																
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																																																																																																

Envirotech Analytical Laboratory

Printed: 11/12/2025 11:43:40AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Hilcorp Energy Co	Date Received: 11/11/25 15:35	Work Order ID: E511152
Phone: -	Date Logged In: 11/12/25 11:40	Logged In By: Caitlin Mars
Email: wwweichert@ensolum.com	Due Date: 11/18/25 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
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: Jimmy Gonzalez

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

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? 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.



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

ANALYTICAL REPORT

PREPARED FOR

Attn: Kate Kaufman
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499
Generated 1/23/2026 1:38:01 PM

JOB DESCRIPTION

San Juan 32-8 #253

JOB NUMBER

885-41675-1

Eurofins Albuquerque
4901 Hawkins NE
Albuquerque NM 87109



Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
1/23/2026 1:38:01 PM

Authorized for release by
Michelle Garcia, Project Manager
michelle.garcia@et.eurofinsus.com
(505)345-3975

Client: Hilcorp Energy
Project/Site: San Juan 32-8 #253

Laboratory Job ID: 885-41675-1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Chain of Custody	19
Receipt Checklists	20

Definitions/Glossary

Client: Hilcorp Energy
Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Hilcorp Energy
Project: San Juan 32-8 #253

Job ID: 885-41675-1

Job ID: 885-41675-1

Eurofins Albuquerque

Job Narrative 885-41675-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 1/21/2026 7:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Gasoline Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque



Client Sample Results

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Client Sample ID: FS01@0.5'

Lab Sample ID: 885-41675-1

Date Collected: 01/20/26 10:20

Matrix: Solid

Date Received: 01/21/26 07:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.9	mg/Kg		01/21/26 08:27	01/21/26 15:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/21/26 08:27	01/21/26 15:57	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		01/21/26 08:27	01/21/26 15:57	1
Ethylbenzene	ND		0.039	mg/Kg		01/21/26 08:27	01/21/26 15:57	1
Toluene	ND		0.039	mg/Kg		01/21/26 08:27	01/21/26 15:57	1
Xylenes, Total	ND		0.079	mg/Kg		01/21/26 08:27	01/21/26 15:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		15 - 150			01/21/26 08:27	01/21/26 15:57	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/21/26 08:54	01/21/26 12:29	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/21/26 08:54	01/21/26 12:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	99		62 - 134			01/21/26 08:54	01/21/26 12:29	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		49	mg/Kg		01/21/26 09:33	01/21/26 12:22	10

Client Sample Results

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Client Sample ID: SS01@0-0.5'

Lab Sample ID: 885-41675-2

Date Collected: 01/20/26 10:23

Matrix: Solid

Date Received: 01/21/26 07:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.8	mg/Kg		01/21/26 08:27	01/21/26 16:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		15 - 150			01/21/26 08:27	01/21/26 16:19	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.019	mg/Kg		01/21/26 08:27	01/21/26 16:19	1
Ethylbenzene	ND		0.038	mg/Kg		01/21/26 08:27	01/21/26 16:19	1
Toluene	ND		0.038	mg/Kg		01/21/26 08:27	01/21/26 16:19	1
Xylenes, Total	ND		0.076	mg/Kg		01/21/26 08:27	01/21/26 16:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		15 - 150			01/21/26 08:27	01/21/26 16:19	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		01/21/26 08:54	01/21/26 12:40	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		01/21/26 08:54	01/21/26 12:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	94		62 - 134			01/21/26 08:54	01/21/26 12:40	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		50	mg/Kg		01/21/26 09:33	01/21/26 12:55	10

Client Sample Results

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Client Sample ID: SS02@0-0.5'

Lab Sample ID: 885-41675-3

Date Collected: 01/20/26 10:24

Matrix: Solid

Date Received: 01/21/26 07:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		3.3	mg/Kg		01/21/26 08:36	01/21/26 15:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/21/26 08:36	01/21/26 15:47	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.016	mg/Kg		01/21/26 08:36	01/21/26 15:47	1
Ethylbenzene	ND		0.033	mg/Kg		01/21/26 08:36	01/21/26 15:47	1
Toluene	ND		0.033	mg/Kg		01/21/26 08:36	01/21/26 15:47	1
Xylenes, Total	ND		0.065	mg/Kg		01/21/26 08:36	01/21/26 15:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		15 - 150			01/21/26 08:36	01/21/26 15:47	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.5	mg/Kg		01/21/26 08:54	01/21/26 12:50	1
Motor Oil Range Organics [C28-C40]	ND		48	mg/Kg		01/21/26 08:54	01/21/26 12:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	97		62 - 134			01/21/26 08:54	01/21/26 12:50	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54		51	mg/Kg		01/21/26 09:33	01/21/26 13:06	10

Client Sample Results

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Client Sample ID: SS03@0-0.5'

Lab Sample ID: 885-41675-4

Date Collected: 01/20/26 10:25

Matrix: Solid

Date Received: 01/21/26 07:35

Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		4.0	mg/Kg		01/21/26 08:36	01/21/26 16:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		15 - 150			01/21/26 08:36	01/21/26 16:11	1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	mg/Kg		01/21/26 08:36	01/21/26 16:11	1
Ethylbenzene	ND		0.040	mg/Kg		01/21/26 08:36	01/21/26 16:11	1
Toluene	ND		0.040	mg/Kg		01/21/26 08:36	01/21/26 16:11	1
Xylenes, Total	ND		0.080	mg/Kg		01/21/26 08:36	01/21/26 16:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		15 - 150			01/21/26 08:36	01/21/26 16:11	1

Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.8	mg/Kg		01/21/26 08:54	01/21/26 13:01	1
Motor Oil Range Organics [C28-C40]	ND		49	mg/Kg		01/21/26 08:54	01/21/26 13:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	102		62 - 134			01/21/26 08:54	01/21/26 13:01	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		50	mg/Kg		01/21/26 09:33	01/21/26 13:16	10

QC Sample Results

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-41671/1-A
 Matrix: Solid
 Analysis Batch: 41667

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41671

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/21/26 07:37	01/21/26 09:50	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		15 - 150			01/21/26 07:37	01/21/26 09:50	1

Lab Sample ID: LCS 885-41671/2-A
 Matrix: Solid
 Analysis Batch: 41667

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	23.9		mg/Kg		96	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	194		15 - 150				

Lab Sample ID: MB 885-41680/1-A
 Matrix: Solid
 Analysis Batch: 41695

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41680

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	mg/Kg		01/21/26 08:27	01/21/26 13:09	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		15 - 150			01/21/26 08:27	01/21/26 13:09	1

Lab Sample ID: LCS 885-41680/2-A
 Matrix: Solid
 Analysis Batch: 41695

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics [C6 - C10]	25.0	24.6		mg/Kg		98	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	199		15 - 150				

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: LCS 885-41546/3-A
 Matrix: Solid
 Analysis Batch: 41696

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.904		mg/Kg		90	70 - 130
Ethylbenzene	1.00	0.913		mg/Kg		91	70 - 130
m&p-Xylene	2.00	1.81		mg/Kg		91	70 - 130
o-Xylene	1.00	0.912		mg/Kg		91	70 - 130

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 885-41546/3-A
Matrix: Solid
Analysis Batch: 41696

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41546

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Toluene	1.00	0.900		mg/Kg		90	70 - 130	
Xylenes, Total	3.00	2.72		mg/Kg		91	70 - 130	
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	86		15 - 150					

Lab Sample ID: MB 885-41671/1-A
Matrix: Solid
Analysis Batch: 41668

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41671

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.050	mg/Kg		01/21/26 07:37	01/21/26 09:50	1
Toluene	ND		0.050	mg/Kg		01/21/26 07:37	01/21/26 09:50	1
Xylenes, Total	ND		0.10	mg/Kg		01/21/26 07:37	01/21/26 09:50	1
		MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	91		15 - 150	01/21/26 07:37	01/21/26 09:50	1		

Lab Sample ID: LCS 885-41671/3-A
Matrix: Solid
Analysis Batch: 41668

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	1.00	1.09		mg/Kg		109	70 - 130	
Ethylbenzene	1.00	1.10		mg/Kg		110	70 - 130	
m&p-Xylene	2.00	2.18		mg/Kg		109	70 - 130	
o-Xylene	1.00	1.08		mg/Kg		108	70 - 130	
Toluene	1.00	1.09		mg/Kg		109	70 - 130	
Xylenes, Total	3.00	3.26		mg/Kg		109	70 - 130	
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	97		15 - 150					

Lab Sample ID: MB 885-41680/1-A
Matrix: Solid
Analysis Batch: 41696

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41680

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		0.050	mg/Kg		01/21/26 08:27	01/21/26 13:09	1
Toluene	ND		0.050	mg/Kg		01/21/26 08:27	01/21/26 13:09	1
Xylenes, Total	ND		0.10	mg/Kg		01/21/26 08:27	01/21/26 13:09	1
		MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	84		15 - 150	01/21/26 08:27	01/21/26 13:09	1		

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-41681/1-A
 Matrix: Solid
 Analysis Batch: 41675

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41681

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		01/21/26 08:54	01/21/26 11:02	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		01/21/26 08:54	01/21/26 11:02	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	105		62 - 134			01/21/26 08:54	01/21/26 11:02	1

Lab Sample ID: LCS 885-41681/2-A
 Matrix: Solid
 Analysis Batch: 41675

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 41681

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	45.0		mg/Kg		90	51 - 148
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	107		62 - 134				

Lab Sample ID: 885-41675-4 MS
 Matrix: Solid
 Analysis Batch: 41677

Client Sample ID: SS03@0-0.5'
 Prep Type: Total/NA
 Prep Batch: 41681

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	ND		49.7	46.7		mg/Kg		94	44 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
Di-n-octyl phthalate (Surr)	93		62 - 134						

Lab Sample ID: 885-41675-4 MSD
 Matrix: Solid
 Analysis Batch: 41677

Client Sample ID: SS03@0-0.5'
 Prep Type: Total/NA
 Prep Batch: 41681

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics [C10-C28]	ND		47.6	49.5		mg/Kg		104	44 - 136	6	32
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Di-n-octyl phthalate (Surr)	96		62 - 134								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-41688/1-A
 Matrix: Solid
 Analysis Batch: 41689

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 41688

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		5.0	mg/Kg		01/21/26 09:33	01/21/26 10:44	1

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy
Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-41688/2-A
Matrix: Solid
Analysis Batch: 41689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41688

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	49.7	50.1		mg/Kg		101	90 - 110

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

GC VOA

Prep Batch: 41546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-41546/3-A	Lab Control Sample	Total/NA	Solid	5030C	

Analysis Batch: 41667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-3	SS02@0-0.5'	Total/NA	Solid	8015M/D	41671
885-41675-4	SS03@0-0.5'	Total/NA	Solid	8015M/D	41671
MB 885-41671/1-A	Method Blank	Total/NA	Solid	8015M/D	41671
LCS 885-41671/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41671

Analysis Batch: 41668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-3	SS02@0-0.5'	Total/NA	Solid	8021B	41671
885-41675-4	SS03@0-0.5'	Total/NA	Solid	8021B	41671
MB 885-41671/1-A	Method Blank	Total/NA	Solid	8021B	41671
LCS 885-41671/3-A	Lab Control Sample	Total/NA	Solid	8021B	41671

Prep Batch: 41671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-3	SS02@0-0.5'	Total/NA	Solid	5035	
885-41675-4	SS03@0-0.5'	Total/NA	Solid	5035	
MB 885-41671/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-41671/2-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 885-41671/3-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 41680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-1	FS01@0.5'	Total/NA	Solid	5035	
885-41675-2	SS01@0-0.5'	Total/NA	Solid	5035	
MB 885-41680/1-A	Method Blank	Total/NA	Solid	5035	
LCS 885-41680/2-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 41695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-1	FS01@0.5'	Total/NA	Solid	8015M/D	41680
885-41675-2	SS01@0-0.5'	Total/NA	Solid	8015M/D	41680
MB 885-41680/1-A	Method Blank	Total/NA	Solid	8015M/D	41680
LCS 885-41680/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41680

Analysis Batch: 41696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-1	FS01@0.5'	Total/NA	Solid	8021B	41680
885-41675-2	SS01@0-0.5'	Total/NA	Solid	8021B	41680
MB 885-41680/1-A	Method Blank	Total/NA	Solid	8021B	41680
LCS 885-41546/3-A	Lab Control Sample	Total/NA	Solid	8021B	41546

GC Semi VOA

Analysis Batch: 41675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-41681/1-A	Method Blank	Total/NA	Solid	8015M/D	41681
LCS 885-41681/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	41681

Eurofins Albuquerque

QC Association Summary

Client: Hilcorp Energy
Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

GC Semi VOA

Analysis Batch: 41676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-1	FS01@0.5'	Total/NA	Solid	8015M/D	41681
885-41675-2	SS01@0-0.5'	Total/NA	Solid	8015M/D	41681
885-41675-3	SS02@0-0.5'	Total/NA	Solid	8015M/D	41681
885-41675-4	SS03@0-0.5'	Total/NA	Solid	8015M/D	41681

Analysis Batch: 41677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-4 MS	SS03@0-0.5'	Total/NA	Solid	8015M/D	41681
885-41675-4 MSD	SS03@0-0.5'	Total/NA	Solid	8015M/D	41681

Prep Batch: 41681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-1	FS01@0.5'	Total/NA	Solid	SHAKE	
885-41675-2	SS01@0-0.5'	Total/NA	Solid	SHAKE	
885-41675-3	SS02@0-0.5'	Total/NA	Solid	SHAKE	
885-41675-4	SS03@0-0.5'	Total/NA	Solid	SHAKE	
MB 885-41681/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-41681/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-41675-4 MS	SS03@0-0.5'	Total/NA	Solid	SHAKE	
885-41675-4 MSD	SS03@0-0.5'	Total/NA	Solid	SHAKE	

HPLC/IC

Prep Batch: 41688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-1	FS01@0.5'	Total/NA	Solid	300_Prep	
885-41675-2	SS01@0-0.5'	Total/NA	Solid	300_Prep	
885-41675-3	SS02@0-0.5'	Total/NA	Solid	300_Prep	
885-41675-4	SS03@0-0.5'	Total/NA	Solid	300_Prep	
MB 885-41688/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-41688/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

Analysis Batch: 41689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-41675-1	FS01@0.5'	Total/NA	Solid	300.0	41688
885-41675-2	SS01@0-0.5'	Total/NA	Solid	300.0	41688
885-41675-3	SS02@0-0.5'	Total/NA	Solid	300.0	41688
885-41675-4	SS03@0-0.5'	Total/NA	Solid	300.0	41688
MB 885-41688/1-A	Method Blank	Total/NA	Solid	300.0	41688
LCS 885-41688/2-A	Lab Control Sample	Total/NA	Solid	300.0	41688

Eurofins Albuquerque

Lab Chronicle

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Client Sample ID: FS01@0.5'

Lab Sample ID: 885-41675-1

Date Collected: 01/20/26 10:20

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41680	VP	EET ALB	01/21/26 08:27
Total/NA	Analysis	8015M/D		1	41695	AT	EET ALB	01/21/26 15:57
Total/NA	Prep	5035			41680	VP	EET ALB	01/21/26 08:27
Total/NA	Analysis	8021B		1	41696	AT	EET ALB	01/21/26 15:57
Total/NA	Prep	SHAKE			41681	DR	EET ALB	01/21/26 08:54
Total/NA	Analysis	8015M/D		1	41676	EM	EET ALB	01/21/26 12:29
Total/NA	Prep	300_Prep			41688	MA	EET ALB	01/21/26 09:33
Total/NA	Analysis	300.0		10	41689	MA	EET ALB	01/21/26 12:22

Client Sample ID: SS01@0-0.5'

Lab Sample ID: 885-41675-2

Date Collected: 01/20/26 10:23

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41680	VP	EET ALB	01/21/26 08:27
Total/NA	Analysis	8015M/D		1	41695	AT	EET ALB	01/21/26 16:19
Total/NA	Prep	5035			41680	VP	EET ALB	01/21/26 08:27
Total/NA	Analysis	8021B		1	41696	AT	EET ALB	01/21/26 16:19
Total/NA	Prep	SHAKE			41681	DR	EET ALB	01/21/26 08:54
Total/NA	Analysis	8015M/D		1	41676	EM	EET ALB	01/21/26 12:40
Total/NA	Prep	300_Prep			41688	MA	EET ALB	01/21/26 09:33
Total/NA	Analysis	300.0		10	41689	MA	EET ALB	01/21/26 12:55

Client Sample ID: SS02@0-0.5'

Lab Sample ID: 885-41675-3

Date Collected: 01/20/26 10:24

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41671	VP	EET ALB	01/21/26 08:36
Total/NA	Analysis	8015M/D		1	41667	VP	EET ALB	01/21/26 15:47
Total/NA	Prep	5035			41671	VP	EET ALB	01/21/26 08:36
Total/NA	Analysis	8021B		1	41668	VP	EET ALB	01/21/26 15:47
Total/NA	Prep	SHAKE			41681	DR	EET ALB	01/21/26 08:54
Total/NA	Analysis	8015M/D		1	41676	EM	EET ALB	01/21/26 12:50
Total/NA	Prep	300_Prep			41688	MA	EET ALB	01/21/26 09:33
Total/NA	Analysis	300.0		10	41689	MA	EET ALB	01/21/26 13:06

Client Sample ID: SS03@0-0.5'

Lab Sample ID: 885-41675-4

Date Collected: 01/20/26 10:25

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41671	VP	EET ALB	01/21/26 08:36
Total/NA	Analysis	8015M/D		1	41667	VP	EET ALB	01/21/26 16:11

Eurofins Albuquerque

Lab Chronicle

Client: Hilcorp Energy
Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Client Sample ID: SS03@0-0.5'

Lab Sample ID: 885-41675-4

Date Collected: 01/20/26 10:25

Matrix: Solid

Date Received: 01/21/26 07:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			41671	VP	EET ALB	01/21/26 08:36
Total/NA	Analysis	8021B		1	41668	VP	EET ALB	01/21/26 16:11
Total/NA	Prep	SHAKE			41681	DR	EET ALB	01/21/26 08:54
Total/NA	Analysis	8015M/D		1	41676	EM	EET ALB	01/21/26 13:01
Total/NA	Prep	300_Prep			41688	MA	EET ALB	01/21/26 09:33
Total/NA	Analysis	300.0		10	41689	MA	EET ALB	01/21/26 13:16

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Accreditation/Certification Summary

Client: Hilcorp Energy
 Project/Site: San Juan 32-8 #253

Job ID: 885-41675-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425	02-25-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
300.0	300_Prep	Solid	Chloride
8015M/D	5035	Solid	Gasoline Range Organics [C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Oregon	NELAP	NM100001	02-25-26



Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-41675-1

Login Number: 41675

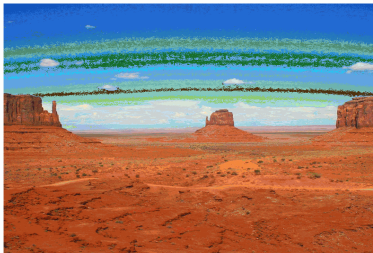
List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Report to:
Kate Kaufman



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Hilcorp Energy Co

Project Name: San Juan 32-8 #253

Work Order: E605226

Job Number: 17051-0002

Received: 5/21/2026

Revision: 0

Report Reviewed By:

Draft

Walter Hinchman
Laboratory Director
5/22/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 5/22/26

Kate Kaufman
PO Box 61529
Houston, TX 77208

Project Name: San Juan 32-8 #253
Workorder: E605226
Date Received: 5/21/2026 2:05:00PM

Kate Kaufman,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/21/2026 2:05:00PM, under the Project Name: San Juan 32-8 #253.

The analytical test results summarized in this report with the Project Name: San Juan 32-8 #253 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@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

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS02A	5
SW01A	6
Definitions and Notes	7
Chain of Custody etc.	8

Sample Summary

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 05/22/26 09:18
--	---	------------------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02A	E605226-01A	Soil	05/21/26	05/21/26	Glass Jar, 2 oz.
SW01A	E605226-02A	Soil	05/21/26	05/21/26	Glass Jar, 2 oz.



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 5/22/2026 9:18:35AM
--	---	---

FS02A

E605226-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2621119
Benzene	ND	0.0250	1	05/22/26	05/22/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/22/26	
Toluene	ND	0.0250	1	05/22/26	05/22/26	
o-Xylene	ND	0.0250	1	05/22/26	05/22/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/22/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/22/26	05/22/26	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2621119
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	05/22/26	05/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2621120
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/26	05/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/26	05/22/26	
<i>Surrogate: n-Nonane</i>		108 %	69-135	05/22/26	05/22/26	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2621117
Chloride	47.4	20.0	1	05/22/26	05/22/26	



Sample Data

Hilcorp Energy Co PO Box 61529 Houston TX, 77208	Project Name: San Juan 32-8 #253 Project Number: 17051-0002 Project Manager: Kate Kaufman	Reported: 5/22/2026 9:18:35AM
--	---	---

SW01A

E605226-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621119
Benzene	ND	0.0250	1	05/22/26	05/22/26	
Ethylbenzene	ND	0.0250	1	05/22/26	05/22/26	
Toluene	ND	0.0250	1	05/22/26	05/22/26	
o-Xylene	ND	0.0250	1	05/22/26	05/22/26	
p,m-Xylene	ND	0.0500	1	05/22/26	05/22/26	
Total Xylenes	ND	0.0250	1	05/22/26	05/22/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/22/26	05/22/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2621119
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/22/26	05/22/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.6 %	70-130	05/22/26	05/22/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2621120
Diesel Range Organics (C10-C28)	ND	25.0	1	05/22/26	05/22/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/22/26	05/22/26	
<i>Surrogate: n-Nonane</i>						
		104 %	69-135	05/22/26	05/22/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2621117
Chloride	33.3	20.0	1	05/22/26	05/22/26	



Definitions and Notes

Hilcorp Energy Co	Project Name:	San Juan 32-8 #253	
PO Box 61529	Project Number:	17051-0002	Reported:
Houston TX, 77208	Project Manager:	Kate Kaufman	05/22/26 09:18

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client Information				Invoice Information				Lab Use Only				TAT				State				
Client: H:corp Energy Company				Company:				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project Name: San Juan 32-8 #253				Address: SAME				E005226		17051-0002										
Project Manager: Kate Kaufman				City, State, Zip: AS																
Address:				Phone: CLIENT																
City, State, Zip:				Email:																
Phone:				Miscellaneous:																
Email: kkaufman@h:corp.com																				
Sample Information										Analysis and Method						EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	GRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chlorides 300.0	TCEQ 1005 - TX	RCRA 8 Metals	RGDOC - NM	RGDOC - TX	SDWA	CWA	RCRA	
1015	05/21/26	Soil	(one) 2 oz	F502A			1	X	X	X	X	X								
1020	05/21/26	Soil	(one) 2 oz	SWO1A			2	X	X	X	X	X								
Additional Instructions: cc: shyde@ensolum.com ; zmyers@ensolum.com ; ofrael:ch@ensolum.com ; wwe:chert@ensolum.com																				
I, (field sample) 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: <i>[Signature]</i>																				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.														
<i>[Signature]</i>	05/21/26	1403	<i>Carth Marx</i>	5.21.26	1405															
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	Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 5/21/2026 4:50:03PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Hilcorp Energy Co	Date Received: 05/21/26 14:05	Work Order ID: E605226
Phone: 505-599-3400	Date Logged In: 05/21/26 16:47	Logged In By: Caitlin Mars
Email: kkaufman@hilcorp.com	Due Date: 05/22/26 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

Carrier: Osgood Froelich

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

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? 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.

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 587833

QUESTIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530729744
Incident Name	NAPP2530729744 SAN JUAN 32-8 UNIT 253 @ 30-045-29460
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-045-29460] SAN JUAN 32 8 UNIT #253

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	San Juan 32-8 Unit 253
Date Release Discovered	10/29/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Valve Produced Water Released: 20 BBL Recovered: 19 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, Page 2

Action 587833

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	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	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

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: 05/22/2026
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 587833

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	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 100 and 500 (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 100 and 200 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1/2 and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 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 100 and 200 (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 100 and 200 (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
<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)	273
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	763
GRO+DRO (EPA SW-846 Method 8015M)	173
BTEX (EPA SW-846 Method 8021B or 8260B)	0.9
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	11/11/2025
On what date will (or did) the final sampling or liner inspection occur	05/21/2026
On what date will (or was) the remediation complete(d)	05/21/2026
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	90
What is the estimated volume (in cubic yards) that will be remediated	6

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, Page 4

Action 587833

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	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	fSC0000000048 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)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Stuart Hyde Title: Senior Geologist Email: shyde@ensolum.com Date: 05/22/2026
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 587833

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 587833

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	585868
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/21/2026
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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	90
What was the total volume (cubic yards) remediated	6
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 October 29, 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.

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: 05/22/2026
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 587833

QUESTIONS (continued)

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
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

Action 587833

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 587833
	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 #nAPP2530729744 San Juan 32-8 Unit 253, thank you. This Remediation Closure Report is approved.	5/26/2026