

REVIEWED By NVelez at 10:04 am, Oct 28, 2024

- 1. Continue further actions as stated in report.
- 2. Submit next quarterly report by January 15, 2025.

October 7, 2024

Mr. Nelson Velez, Environmental Specialist – Advanced New Mexico Oil Conservation Division – District 3 1000 Rio Brazos Road Aztec, New Mexico 87410

Re: Status Report – 3rd Quarter 2024

Fifield 5 No. 1 (SE ¼, SW ¼, Sec. 5, T29N, R11W)

Hilcorp Energy Company San Juan County, New Mexico OCD Incident No. NVF1718155324

Dear Mr. Velez:

On behalf of Hilcorp Energy Company (Hilcorp), Timberwolf Environmental, LLC (Timberwolf) presents this report to document activities conducted during the 3rd quarter of 2024 (3Q24) at the Fifield 5 No. 1 (Site). The Site is a plugged well site in northeast San Juan County, New Mexico (Figures 1 through 3).

Environmental Setting and Site Geology

The area immediately surrounding the Site consists of sparse vegetative cover comprised primarily of scrub brush. Area topography consists of ridges divided by shallow valleys with intermittent streams that flow south into the San Juan River. The Site is situated east of an unnamed mesa, with an average Site elevation of approximately 5,786 feet (ft). The nearest waterway is an unnamed intermittent stream located approximately 1,350 ft west of the Site. The intermittent stream empties into the San Juan River, approximately 3.4 miles south of the Site.

According to the U.S. Department of Agriculture – Natural Resources Conservation Service (USDANRCS), the Site soil consists of the Gypsiorthids-Badland-Stumble complex, with 5 to 30 percent slopes. The surface layer consists of sandy loam, underlain by lithic bedrock encountered between 16 to 20 inches below ground surface (bgs). Native salinity of the soil is very slightly saline to slightly saline (2.0 to 4.0 millimhos per centimeter (mmhos/cm)).



Site History

Release Event

The Fifield 5 No. 1 well has been plugged and all surface equipment removed from the Site; however, Hilcorp's Hali Meador #005R is located immediately west of the Site and remains active. Historically, the Site has consisted of a wellhead, line heater, and separator with the associated below-grade tank (BGT) for produced water, sales meter, and tank battery comprised of one above-ground storage tank (AST) and one BGT. On approximately 06/01/17, removal and closure of the BGT revealed historical contamination beneath the BGT. All surface equipment was removed, and the well was plugged and abandoned.

Investigation and Site Characterization

Initial assessment efforts were conducted by Rule Engineering, LLC (Rule), a subcontractor of ConocoPhillips Company (ConocoPhillips). Hilcorp acquired the property in 2017 and Rule conducted additional assessments in 2018. All findings by Rule Engineering are documented in Timberwolf's *Site Characterization and Remedial Action Plan*, dated February 28, 2019. The initial assessment identified the following constituents of concern (COCs): benzene, toluene, ethylbenzene, and xylene (BTEX) and total petroleum hydrocarbons (TPH).

On March 20, 2019, additional borings were installed at the Site to delineate petroleum hydrocarbon impacts vertically and horizontally in soil. All findings are documented in Timberwolf's *Site Characterization Report and Remedial Action Plan*, dated June 14, 2019.

Remediation – SVE System

In 2019, Hilcorp installed a soil vapor extraction (SVE) system to treat impacted soil related to historical pit tank releases. The SVE system is comprised of 18 SVE wells, 6 vent wells, and an SVE trailer (housing: control valves, flow and vacuum gauges, manifolds, fluid-air separator, automated controls, and a vacuum pump). The system remained inoperative while awaiting a power source.

In September 2021, Hilcorp installed a power source for the SVE system. The power source is a skid-mounted gas-fired motor with a pulley and belt drive apparatus to transfer power to a vacuum pump. The new vacuum pump was plumbed into the existing SVE trailer; the automation system was bypassed so that all legs remained open.

Work conducted at this Site is documented in the following reports:

- Site Characterization and Remedial Action Plan, dated 02/28/19
- Site Characterization and Remedial Action Plan, dated 07/14/19
- Status Report 1st Quarter 2020, dated 09/20/21
- Status Report 2nd Quarter 2020, dated 09/27/21
- *Status Report 3rd Quarter 2020*, dated 09/27/21
- Status Report 4th Quarter 2020, dated 09/27/21
- Status Report 1st Quarter 2021, dated 09/27/21



- Status Report 2nd Quarter 2021, dated 09/27/21
- *Status Report 3rd Quarter 2021,* dated 11/01/21
- Status Report 4th Quarter 2021, dated 01/29/22
- Status Report 1st Quarter 2022, dated 04/15/22
- *Status Report 2nd Quarter 2022*, dated 07/14/22
- Status Report 3rd Quarter 2022, dated 10/14/22
- *Status Report 4th Quarter 2022*, dated 01/13/23
- *Status Report 1st Quarter 2023*, dated 04/14/23
- Status Report 2nd Quarter 2023, dated 07/13/23
- *Status Report 3rd Quarter 2023*, dated 10/11/23
- Status Report 4th Quarter 2023, dated 01/08/24
- Status Report 1st Quarter 2024, dated 04/11/24
- Status Report 2^{ndt} Quarter 2024, dated 07/09/24

SVE System Operations

The SVE system is equipped with four independent legs (i.e., Leg 1, Leg 2, Leg 3, and Leg 4). Leg 1 provides vacuum to the shallow wells and Legs 2, 3, and 4 provide vacuum extraction to the deep SVE wells. System automation was incorporated in April 2024; automation was activated on 04/19/24 and programmed to oscillate between Legs 1, 2, 3, and 4 every 6 hours for continuous 24-hr operations. The SVE wells were configured as shown in Figure 4. Programmed runtimes are presented in Table 1 below.

Table 1. Programmed Runtimes and Leg Configurations

Leg	SVE Wells and Location	Scheduled Runtime
Leg 1	Shallow SVE Wells S1, S2, S3 and S4 Central and Western side of treatment zone	6 hours
Leg 2	Deep SVE Wells W1, W5, W6, and W7 Central and Western side of treatment zone	6 hours
Leg 3	Deep SVE Wells W8, W11, W12 and W13 Southern side of treatment zone	6 hours
Leg 4	Deep SVE Wells W3, W4, W9, W10, and W14 Eastern side of treatment zone	6 hours

SVE – soil vapor extraction

Shallow Well Screen Interval – 7 to 10 ft.

Deep Well Screen Interval - 25 to 35 ft.

Water and condensate are recovered with a moisture separator, which is fitted with a 1-inch PVC pipe to transfer recovered fluids to an open-top tank fitted with bird netting. No water or condensate was recovered during 3Q24 operation and maintenance (O&M) events and sampling period. SVE system runtime for 3Q24 is documented in Table 2 below.



Table 2. System Runtime – 3Q24

Date	Hour Meter
06/26/2024	4,813
07/19/2024	5,364
07/29/2024	5,610
08/14/2024	5,991
08/27/2024	6,258
09/10/2024	6,597
09/24/2024	6,933
Total Runtime	2,120

System runtime between the last 2Q24 reading (06/26/24) and the latest 3Q24 reading (09/24/24) was 2,120 hours. The total hours available during this period was 2208 hours; therefore, yielding a runtime percentage (%) of 98.1 for 3Q24. A vacuum pump motor failure occurred on 8/17/24; the motor was replaced by Hilcporp on 8/19/24. Cygnet telemetry data showed continuous operation throughout the quarter, except for the SVE pump failure. Photographs of relevant meter readings are documented in the attached Photographic Log.

During 3Q24, Hilcorp personnel conducted five (6) operational checks for the quarter. Additionally, one (1) maintenance events was conducted to perform the following activities:

Installed a new motor for the SVE system pump

A field log of O&M events and maintenance performed is provided in the attached Table A-1.

Collection and Analysis of Quarterly Soil-Gas Sample

On 09/10/24, a composite soil-gas sample was collected from the SVE system's four Legs. A vacuum pump was connected to the SVE trailer's sampling port, which is situated downstream of the 4-leg manifold and upstream of the air-water separator. The sampling port valve was opened once the pump was activated to purge air within the tubing between the sampling port and Tedlar® bag. After purging, the Tedlar® bag valve was opened to collect the air sample.

The soil-gas sample (i.e., SVE-1) was transported to Eurofins Albuquerque, located in Albuquerque, New Mexico. Eurofins Albuquerque analyzed the sample for volatile organic compounds (VOCs) and subcontracted other gas analyses to Energy Laboratories in Billings, Montana. All sample transfers were conducted under proper chain-of-custody protocol.

The sample was analyzed for VOCs using EPA Method 8260B, Organic Compounds (GC) by GPA 2261-95, and Gasoline Range Organics by EPA Method 8015D. The laboratory report and chain-of-custody documents are attached.

Laboratory results of constituents that exceeded laboratory detection limits are presented in Table 3; analytical results of all constituents are presented in the attached Table A-2.



Table 3. Quarterly Soil-Gas Analysis - 09/10/24

Constituents	SVE-1		
Volatile Organic Compounds (mg/m³)			
Benzene	24		
Toluene	170		
Ethylbenzene	13		
Isopropyl benzene	2.6		
N-Propyl benzene	3.0		
Total Xylenes	190		
1,2,4-Trimethylbenzene	14		
1,3,5-Trimethylbenzene	14		
Gasoline Range (mg/m³)			
TPH (GC-MS) Low Fraction (i.e., GRO)	790		
Gases (Mol %)			
Oxygen	21.36		
Carbon Dioxide	0.09		

mg/m³ - milligrams per cubic meter, equivalent to ug/L

TPH – total petroleum hydrocarbons

GC-MS - gas chromatography-mass spectrometry

GRO - gasoline range organics

Mol % - mole percent

Mass Removal

Timberwolf used the laboratory results from the soil-gas analysis (as reported in Table 3), flow rates, and runtimes to calculate constituent mass removal. Mass removal of GRO, BTEX, and associated recovered volumes for 3Q24 are presented in Table 4 below.

Table 4. Mass Removal and Associated Volume – 3Q24

Constituent	Mass Removal (kg) ¹	Total Mass Removed (lbs) ²	Recovered Volume (bbl)
GRO	187.0	411.3	1.53
Benzene	0.57	1.25	0.00
Toluene	40.2	88.5	0.33
Ethylbenzene	3.08	6.77	0.03
Xylenes	45.0	98.9	0.37

¹ Calculation = minutes ran * CFM * Concentration (mg/m³) * 1 M³/35.3147 ft³ *1 g/1000 mg * 1 kg/1000 g

GRO = from TPH (GC/MS) Low Fraction (i.e., gasoline range organics)

kg - kilograms

lbs - pounds

bbl - barrel

Assumptions:

- API Gravity = 52
- Concentrations of VOCs in soil-gas vapors have remained static throughout the quarter
- Runtime calculations based on hour meter readings from 06/26/24 to 09/24/24 and Cygnet telemetry data.



² Calculation = [Mass Removal] * 2.2 lbs/kg

Summary

System runtime during 3Q24 was 98.1% based on hour meter readings between 06/26/2024 and 09/24/24; Cygnet telemetry showed continuous operation, except for an SVE pump failure on 08/17/24. System maintenance included replacing the SVE pump motor on 8/19/24.

During 3Q24, no water and/or condensate were recovered during O&M events. Additionally, mass removal calculations indicated the following recovery during the quarter:

- 1.53 bbl of GRO
- 1.25 lbs of benzene
- 88.5 lbs of toluene
- 6.77 lbs of ethylbenzene
- 98.9 lbs of xylene.

Further Actions - 4th Quarter 2024

During 4Q24, the following activities are planned for the Site:

- Conduct bi-weekly Site O&M to ensure proper system function and drain any water/condensate accumulation in the moisture separator as needed
- Collect a quarterly soil-gas sample for laboratory analysis
- Prepare a 4Q24 status report.

If you have any questions regarding this report, please call us at (979) 324-2139.

Sincerely,

Timberwolf Environmental, LLC

Josh Swaringen Staff Scientist

Attachments: Figures

Attached Tables
Photographic Log

Laboratory Report and Chain-of-Custody Documents

cc: Mitch Killough, Hilcorp Energy Company



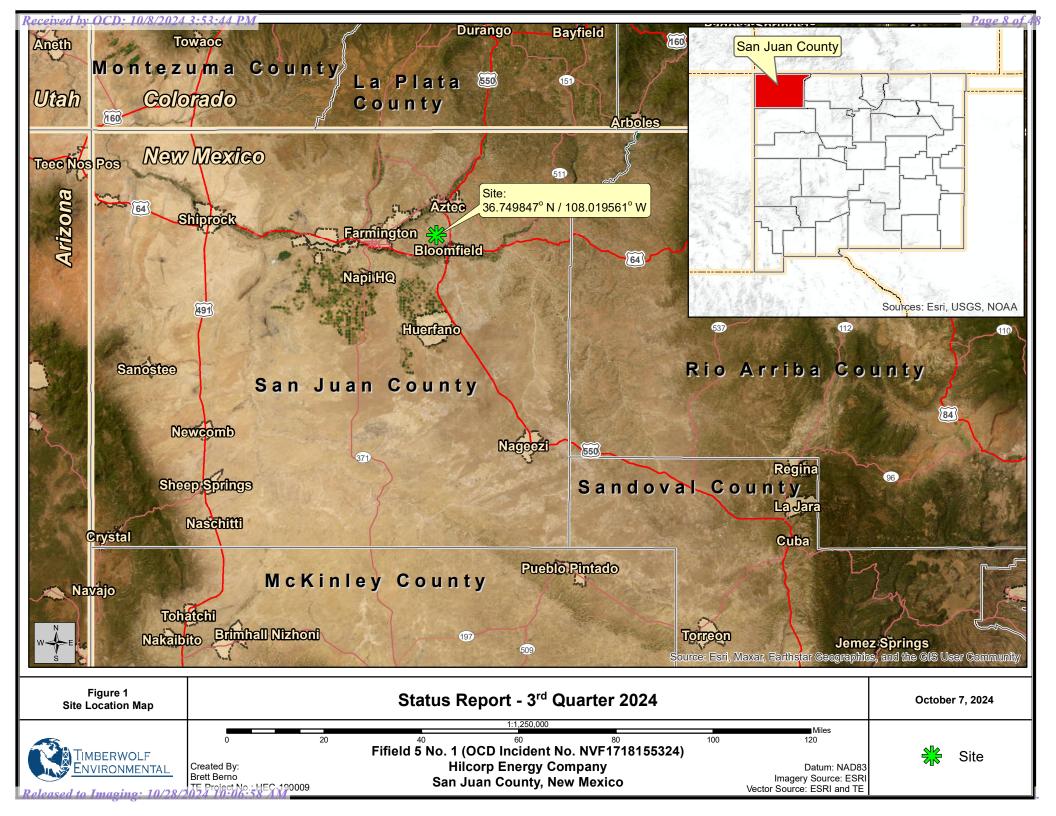
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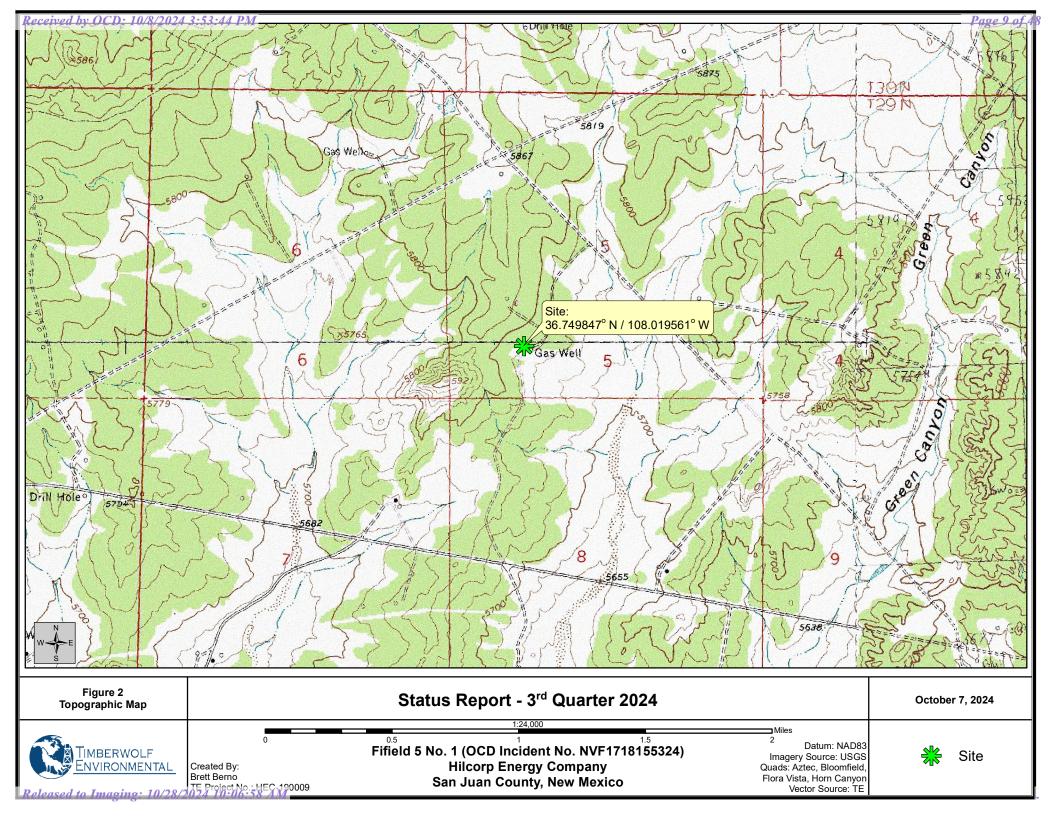
Jim Foster

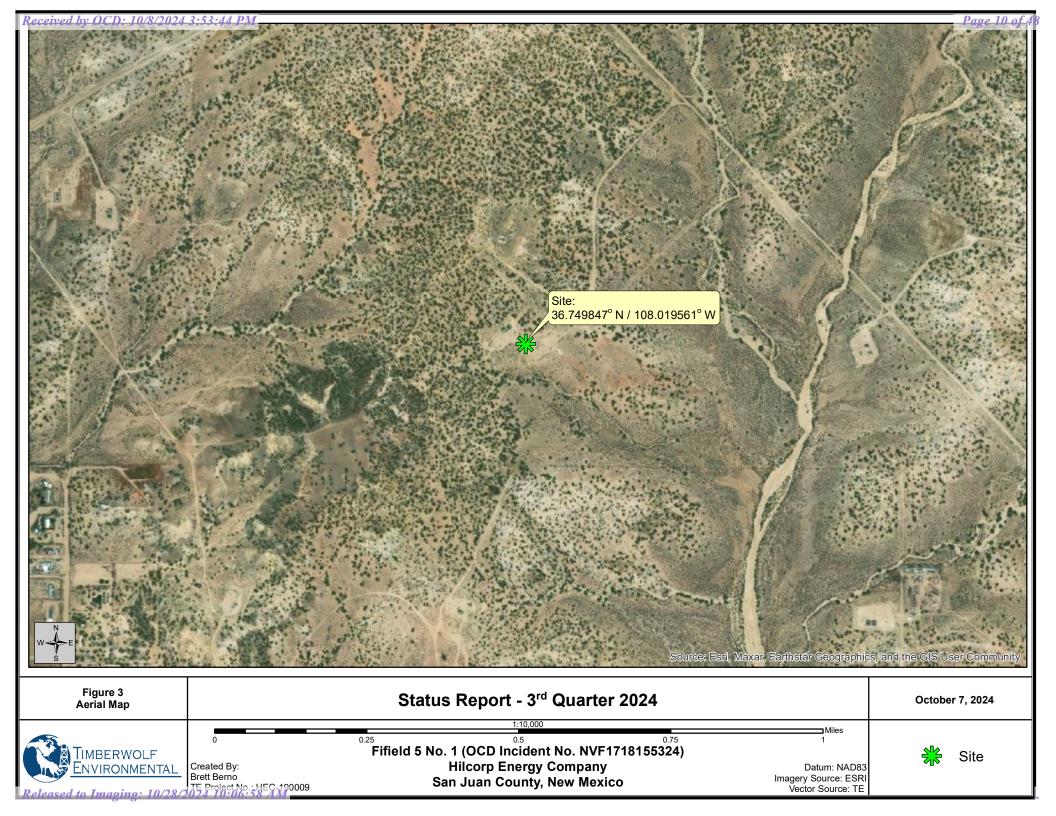
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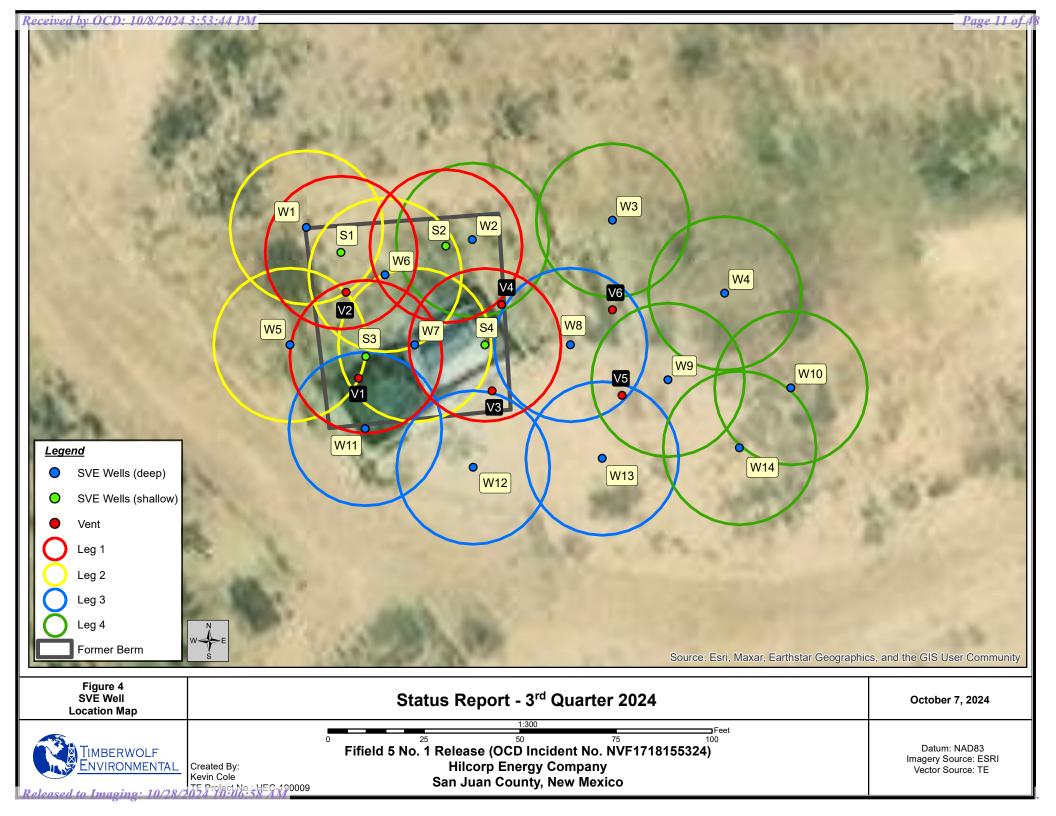
Figures











Attached Tables



Table A-1. Operation and Maintenance Events Status Report - 3rd Quarter 2024 Fifield 5 No. 1 (OCD Incident No. NVF1718155324) San Juan County, New Mexico

Date	Hour Meter (hrs)	Water/Condenstate Recovered (gal)	Maintenance Performed
07/19/24	5,364	0	Brandon Sinclair with Hilcorp performed SVE system O&M checks.
07/29/24	5,610	0	Brandon Sinclair with Hilcorp performed SVE system O&M checks.
08/14/24	5,991	0	Brandon Sinclair with Hilcorp performed SVE system O&M checks.
08/19/24	-	+	The motor was replaced by Hilcorp and SVE system was returned to online.
08/27/24	6,258	0	Brandon Sinclair with Hilcorp performed SVE system O&M checks.
09/10/24	6,597	0	Brandon Sinclair with Hilcorp performed SVE system O&M checks.
09/24/24	6,933	0	Brandon Sinclair with Hilcorp performed SVE system O&M checks.

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Table A-2. Soil-Gas Analysis - 09/10/24 Status Report - 3rd Quarter 2024 Fifield 5 No. 1 (OCD Incident No. NVF1718155324) San Juan County, New Mexico

Constituents	SVE-1
Volatiles (µg/m³)	
Acetone	< 20,000
Benzene	24,000
Bromodichloromethane	< 2,000
Bromoform	< 2,000
Bromomethane	< 6,000
Carbon disulfide	< 20,000
Carbon tetrachloride	< 2,000
Chlorobenzene	< 2,000
Chloroethane	< 4,000
Chloroform	< 2,000
Chloromethane	< 6,000
2-Chlorotoluene	< 2,000
Dibromochloromethane	< 2,000
1,2-Dibromoethane	< 2,000
1,2-Dichlorobenzene	< 2,000
1,3-Dichlorobenzene	< 2,000
1,4-Dichlorobenzene	< 2,000
1,2-Dichloroethane	< 2,000
1,1-Dichloroethane	< 2,000
1,1-Dichloroethene	< 2,000
cis-1,2-Dichloroethene (cis-1,2-DCE)	< 2,000
trans-1,2-Dichloroethene (trans-1,2-DCE)	< 2,000
1,2-Dichloropropane	< 2,000
cis-1,3-Dichloropropene	< 2,000
trans-1,3-Dichloropropene	< 2,000
Ethylbenzene	13,000
Trichlorofluoromethane	< 2,000
Dichlorodifluoromethane	< 2,000
Hexachloro-1,3-butadiene	< 2,000
Isopropylbenzene	2,600
Methylene Chloride	< 6,000
n-Propylbenzene	3,000
2-Butanone (MEK)	< 2,000
4-Methyl-2-pentanone (MIBK)	< 20,000
MTBE	< 2,000
Naphthalene	< 4,000

Table A-2. Soil-Gas Analysis - 09/10/24 Status Report - 3rd Quarter 2024 Fifield 5 No. 1 (OCD Incident No. NVF1718155324) San Juan County, New Mexico

Constituents	SVE-1
Styrene	< 2,000
1,1,2,2-Tetrachloroethane	< 2,000
Toluene	170,000
1,2,4-Trichlorobenzene	< 2,000
1,1,1-Trichloroethane	< 2,000
1,1,2-Trichloroethane	< 2,000
1,2,4-Trimethylbenzene	14,000
1,3,5-Trimethylbenzene	14,000
Vinyl chloride	< 2,000
Total Xylenes	190,000
Gasoline Range (μg/m³)	
Gasoline Range Organics (GRO)	790,000
Gases (Mol %)	
Oxygen	21.36
Carbon Dioxide	0.09
Methane	< 0.01

μg/m³ – micrograms per cubic meter

Mol % - mole percent

Photographic Log





PHOTOGRAPHIC LOG

Drainet No.	HEC-190009	Client:	Hilaam Francy Company
Project No.: Project Name:	Fifield 5 No. 1	Site Location:	Hilcorp Energy Company San Juan County, New Mexico
Task Description:	Status Report – 3 rd Quarter 2024	Date:	July – September, 2024
	Status Report – 3" Quarter 2024		
Photo No.:	DIRECTION 3	6.74982°N ACC 08.01955°W DAT	URACY 5 m TUM WGS84
1	146 deg(T) 10	08.01955 W DAT	UM WG584
Direction:			
N/A		100	
Comments: View of hour meter on 06/26/24.	GAS TACH & I	20	24-06-26 6: 45-06: 00
Photo No.:	DIRECTION 128 deg(T)	36.74982°N /	ACCURACY 4 m DATUM WGS84
Direction: N/A			5.
Comments: View of hour meter on 07/19/24.	SELECT GAS TACH &	Iiny- Tach HOURMETER	2024-07-19 2:39:28-06:00

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PHOTOGRAPHIC LOG

Project No.:	HEC-190009		Client:	Hilcorp Energy Company
Project No.:	Fifield 5 No. 1		Site Location:	San Juan County, New Mexico
Task Description:		- 3 rd Quarter 2024	Date:	July – September, 2024
Photo No.:	Status (topoli			
3		DIRECTION 196 deg(T)	36.74982°N /	ACCURACY 5 m DATUM WGS84
	-			K Tomas
Direction:				
N/A			THE RESERVE TO SERVE THE PERSON NAMED IN COLUMN TWO IN COL	Land a garage
Comments: View of hour meter on 07/29/24.		GAS TACK	Tach H & HOURMETER	2024-07-29 3:36:27-06:00
Photo No.:		DIRECTION 147 deg(T)	36.74984°N	ACCURACY 5 m DATUM WGS84
Direction: N/A		The same		ll l
Comments: View of hour meter on 08/14/24.		GAS TACH &	Tach C	2024-08-14 5:49:01-06:00

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PHOTOGRAPHIC LOG

Project No.:	HEC-190009		Client:	Hilcorp Energy Company
Project No.: Project Name:	Fifield 5 No. 1		Site Location:	San Juan County, New Mexico
Task Description:		- 3 rd Quarter 2024	Date:	July – September, 2024
	Status Roport			
Photo No.: 5		DIRECTION 180 deg(T)	36.74980°N 108.01960°W	ACCURACY 5 m DATUM WGS84
		100 deg(1)		E 1
Direction:		A STATE OF THE REAL PROPERTY.		
N/A				466
Comments: View of hour meter on 08/27/2024.		SELEC GAS TACK	Tach H & HOURMETER	2024-08-27 2:17:57-06:00
Photo No.:		DIRECTION 146 deg(T)		ACCURACY 4 m DATUM WGS84
Direction: N/A			24	
Comments: View of hour meter on 09/10/24.		C	ACH & HOURMETER	2024-09-10 5:05:14-06:00

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PHOTOGRAPHIC LOG

Project No.:	HEC-190009	Client:	Hilcorp Energy Company
Project Name:	Fifield 5 No. 1	Site Location:	San Juan County, New Mexico
Task Description:	Status Report – 3 rd Quarter 2024	Date:	July – September, 2024
Photo No.:	DIRECTION	36.74984°N	ACCURACY 5 m
7	DIRECTION 169 deg(T)	108.01961°W	DATUM WGS84
Direction: N/A		EVA A	
Comments: View of hour meter on 09/24/24.	GAS TAC	Tach CH & HOURMETER	2024-09-24 5:04:41-06:00
Photo No.:			
Direction: N/A			
Comments:			
L			

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Laboratory Report and Chain-of-Custody Documents



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mitch Killough
Hilcorp Energy
PO BOX 4700
Farmington, New Mexico 87499

Generated 10/4/2024 12:38:00 PM

JOB DESCRIPTION

Fifield 5 #1

JOB NUMBER

885-11589-1

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 10/4/2024 12:38:00 PM

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

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12

Laboratory Job ID: 885-11589-1

Client: Hilcorp Energy Project/Site: Fifield 5 #1

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Definitions/Glossary

Job ID: 885-11589-1 Client: Hilcorp Energy

Project/Site: Fifield 5 #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)

Dilution Factor Dil Fac

DL Detection Limit (DoD/DOE)

Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample DL, RA, RE, IN

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) MI MPN Most Probable Number Method Quantitation Limit MQL

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 **Quality Control** QC

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

Job ID: 885-11589-1

Project: Fifield 5 #1

Job ID: 885-11589-1 Eurofins Albuquerque

Job Narrative 885-11589-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
 situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
 specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 9/11/2024 7:30 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 20.5°C.

Subcontract Work

Method Fixed Gases: This method was subcontracted to Energy Laboratories, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report. The subcontract report is appended in its entirety.

Gasoline Range Organics

Method 8015D_GRO_MS: Surrogate 4-BFB for GRO [C6-C10] recovery for the following sample was outside control limits: (CCV 885-12872/2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC/MS VOA

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

Client Sample Results

Client: Hilcorp Energy

Project/Site: Fifield 5 #1

Client Sample ID: SVE-1 Lab Sample ID: 885-11589-1 Date Collected: 09/10/24 15:00

Matrix: Air

Job ID: 885-11589-1

Date Received: 09/11/24 07:30 Sample Container: Tedlar Bag 1L

Released to Imaging: 10/28/2024 10:06:58 AM

Method: SW846 8015M/D -	Nonhalogenated Organics using	GC/MS -Modified	(Gasoline Rang	ge Organics))

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	790		10	ug/L	_		09/23/24 18:18	2

C10]

Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		52 - 172	09/23/24 18:18	2

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND ND	2.0	ug/L			09/24/24 12:20	2
1,1,1-Trichloroethane	ND	2.0	ug/L			09/24/24 12:20	2
1,1,2,2-Tetrachloroethane	ND	4.0	ug/L			09/24/24 12:20	2
1,1,2-Trichloroethane	ND	2.0	ug/L			09/24/24 12:20	2
1,1-Dichloroethane	ND	2.0	ug/L			09/24/24 12:20	2
1,1-Dichloroethene	ND	2.0	ug/L			09/24/24 12:20	2
1,1-Dichloropropene	ND	2.0	ug/L			09/24/24 12:20	2
1,2,3-Trichlorobenzene	ND	2.0	ug/L			09/24/24 12:20	2
1,2,3-Trichloropropane	ND	4.0	ug/L			09/24/24 12:20	2
1,2,4-Trichlorobenzene	ND	2.0	ug/L			09/24/24 12:20	2
1,2,4-Trimethylbenzene	14	2.0	ug/L			09/24/24 12:20	2
1,2-Dibromo-3-Chloropropane	ND	4.0	ug/L			09/24/24 12:20	2
1,2-Dibromoethane (EDB)	ND	2.0	ug/L			09/24/24 12:20	2
1,2-Dichlorobenzene	ND	2.0	ug/L			09/24/24 12:20	2
1,2-Dichloroethane (EDC)	ND	2.0	ug/L			09/24/24 12:20	2
1,2-Dichloropropane	ND	2.0	ug/L			09/24/24 12:20	2
1,3,5-Trimethylbenzene	14	2.0	ug/L			09/24/24 12:20	2
1,3-Dichlorobenzene	ND	2.0	ug/L			09/24/24 12:20	2
1,3-Dichloropropane	ND	2.0	ug/L			09/24/24 12:20	2
1,4-Dichlorobenzene	ND	2.0	ug/L			09/24/24 12:20	2
1-Methylnaphthalene	ND	8.0	ug/L			09/24/24 12:20	2
2,2-Dichloropropane	ND	4.0	ug/L			09/24/24 12:20	2
2-Butanone	ND	20	ug/L			09/24/24 12:20	2
2-Chlorotoluene	ND	2.0	ug/L			09/24/24 12:20	2
2-Hexanone	ND	20	ug/L			09/24/24 12:20	2
2-Methylnaphthalene	ND	8.0	ug/L			09/24/24 12:20	2
4-Chlorotoluene	ND	2.0	ug/L			09/24/24 12:20	2
4-Isopropyltoluene	ND	2.0	ug/L			09/24/24 12:20	2
4-Methyl-2-pentanone	ND	20	ug/L			09/24/24 12:20	2
Acetone	ND	20	ug/L			09/24/24 12:20	2
Benzene	24	2.0	ug/L			09/24/24 12:20	2
Bromobenzene	ND	2.0	ug/L			09/24/24 12:20	2
Bromodichloromethane	ND	2.0	ug/L			09/24/24 12:20	2
Dibromochloromethane	ND	2.0	ug/L			09/24/24 12:20	2
Bromoform	ND	2.0	ug/L			09/24/24 12:20	2
Bromomethane	ND	6.0	ug/L			09/24/24 12:20	2
Carbon disulfide	ND	20	ug/L			09/24/24 12:20	2
Carbon tetrachloride	ND	2.0	ug/L			09/24/24 12:20	2
Chlorobenzene	ND	2.0	ug/L			09/24/24 12:20	2
Chloroethane	ND	4.0	ug/L			09/24/24 12:20	2
Chloroform	ND	2.0	ug/L			09/24/24 12:20	2

Job ID: 885-11589-1

Client: Hilcorp Energy Project/Site: Fifield 5 #1

Client Sample ID: SVE-1

Lab Sample ID: 885-11589-1 Date Collected: 09/10/24 15:00

Matrix: Air

Date Received: 09/11/24 07:30 Sample Container: Tedlar Bag 1L

Analyte	Result Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
Chloromethane	ND ND	6.0	ug/L		09/24/24 12:20	2
cis-1,2-Dichloroethene	ND	2.0	ug/L		09/24/24 12:20	2
cis-1,3-Dichloropropene	ND	2.0	ug/L		09/24/24 12:20	2
Dibromomethane	ND	2.0	ug/L		09/24/24 12:20	2
Dichlorodifluoromethane	ND	2.0	ug/L		09/24/24 12:20	2
Ethylbenzene	13	2.0	ug/L		09/24/24 12:20	2
Hexachlorobutadiene	ND	2.0	ug/L		09/24/24 12:20	2
Isopropylbenzene	2.6	2.0	ug/L		09/24/24 12:20	2
Methyl-tert-butyl Ether (MTBE)	ND	2.0	ug/L		09/24/24 12:20	2
Methylene Chloride	ND	6.0	ug/L		09/24/24 12:20	2
n-Butylbenzene	ND	6.0	ug/L		09/24/24 12:20	2
N-Propylbenzene	3.0	2.0	ug/L		09/24/24 12:20	2
Naphthalene	ND	4.0	ug/L		09/24/24 12:20	2
sec-Butylbenzene	ND	2.0	ug/L		09/24/24 12:20	2
Styrene	ND	2.0	ug/L		09/24/24 12:20	2
tert-Butylbenzene	ND	2.0	ug/L		09/24/24 12:20	2
Tetrachloroethene (PCE)	ND	2.0	ug/L		09/24/24 12:20	2
Toluene	170	2.0	ug/L		09/24/24 12:20	2
trans-1,2-Dichloroethene	ND	2.0	ug/L		09/24/24 12:20	2
trans-1,3-Dichloropropene	ND	2.0	ug/L		09/24/24 12:20	2
Trichloroethene (TCE)	ND	2.0	ug/L		09/24/24 12:20	2
Trichlorofluoromethane	ND	2.0	ug/L		09/24/24 12:20	2
Vinyl chloride	ND	2.0	ug/L		09/24/24 12:20	2
Xylenes, Total	190	3.0	ug/L		09/24/24 12:20	2

Surrogate	%Recovery Qual	lifier Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	84	70 - 130		09/24/24 12:20	2
Toluene-d8 (Surr)	130	70 - 130		09/24/24 12:20	2
4-Bromofluorobenzene (Surr)	110	70 - 130		09/24/24 12:20	2
Dibromofluoromethane (Surr)	93	70 - 130		09/24/24 12:20	2

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Method: 8015M/D - Nonhalogenated Organics using GC/MS -Modified (Gasoline Range Organics)

Lab Sample ID: MB 885-12872/4 Client Sample ID: Method Blank Matrix: Air Prep Type: Total/NA

Analysis Batch: 12872

Analyte	Result	Qualifier	RL	Uni	t D	Prepa	red Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	ND		5.0	ug/l	-		09/23/24 14:03	1

MB MB

MR MR

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 52 - 172 09/23/24 14:03 4-Bromofluorobenzene (Surr) 85

Lab Sample ID: LCS 885-12872/3 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Air

Analysis Batch: 12872

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics [C6 -	4250	4340		ug/L		102	70 - 130	

C10]

LCS LCS Surrogate %Recovery Qualifier Limits 52 - 172 4-Bromofluorobenzene (Surr) 94

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 885-12855/1005 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Air

Analysis Batch: 12855	•••							
Analyte		MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	- ND		1.0	ug/L		Порагоа	09/24/24 11:55	1
1,1,1-Trichloroethane	ND		1.0	ug/L			09/24/24 11:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			09/24/24 11:55	1
1,1,2-Trichloroethane	ND		1.0	ug/L			09/24/24 11:55	
1,1-Dichloroethane	ND		1.0	ug/L			09/24/24 11:55	1
1,1-Dichloroethene	ND		1.0	ug/L			09/24/24 11:55	1
1,1-Dichloropropene	ND		1.0	ug/L			09/24/24 11:55	1
1,2,3-Trichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	1
1,2,3-Trichloropropane	ND		2.0	ug/L			09/24/24 11:55	1
1,2,4-Trichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	1
1,2,4-Trimethylbenzene	ND		1.0	ug/L			09/24/24 11:55	1
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			09/24/24 11:55	1
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			09/24/24 11:55	1
1,2-Dichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	1
1,2-Dichloroethane (EDC)	ND		1.0	ug/L			09/24/24 11:55	1
1,2-Dichloropropane	ND		1.0	ug/L			09/24/24 11:55	1
1,3,5-Trimethylbenzene	ND		1.0	ug/L			09/24/24 11:55	1
1,3-Dichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	1
1,3-Dichloropropane	ND		1.0	ug/L			09/24/24 11:55	1
1,4-Dichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	1
1-Methylnaphthalene	ND		4.0	ug/L			09/24/24 11:55	1
2,2-Dichloropropane	ND		2.0	ug/L			09/24/24 11:55	1
2-Butanone	ND		10	ug/L			09/24/24 11:55	1
2-Chlorotoluene	ND		1.0	ug/L			09/24/24 11:55	1
2-Hexanone	ND		10	ug/L			09/24/24 11:55	1

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-12855/1005 Matrix: Air

Analysis Batch: 12855

Client Sample ID: Method Blank

Prep Type: Total/NA

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	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		4.0	ug/L			09/24/24 11:55	1
4-Chlorotoluene	ND		1.0	ug/L			09/24/24 11:55	1
4-Isopropyltoluene	ND		1.0	ug/L			09/24/24 11:55	1
4-Methyl-2-pentanone	ND		10	ug/L			09/24/24 11:55	1
Acetone	ND		10	ug/L			09/24/24 11:55	1
Benzene	ND		1.0	ug/L			09/24/24 11:55	1
Bromobenzene	ND		1.0	ug/L			09/24/24 11:55	1
Bromodichloromethane	ND		1.0	ug/L			09/24/24 11:55	1
Dibromochloromethane	ND		1.0	ug/L			09/24/24 11:55	1
Bromoform	ND		1.0	ug/L			09/24/24 11:55	1
Bromomethane	ND		3.0	ug/L			09/24/24 11:55	1
Carbon disulfide	ND		10	ug/L			09/24/24 11:55	1
Carbon tetrachloride	ND		1.0	ug/L			09/24/24 11:55	1
Chlorobenzene	ND		1.0	ug/L			09/24/24 11:55	1
Chloroethane	ND		2.0	ug/L			09/24/24 11:55	1
Chloroform	ND		1.0	ug/L			09/24/24 11:55	1
Chloromethane	ND		3.0	ug/L			09/24/24 11:55	1
cis-1,2-Dichloroethene	ND		1.0	ug/L			09/24/24 11:55	1
cis-1,3-Dichloropropene	ND		1.0	ug/L			09/24/24 11:55	1
Dibromomethane	ND		1.0	ug/L			09/24/24 11:55	1
Dichlorodifluoromethane	ND		1.0	ug/L			09/24/24 11:55	1
Ethylbenzene	ND		1.0	ug/L			09/24/24 11:55	1
Hexachlorobutadiene	ND		1.0	ug/L			09/24/24 11:55	1
Isopropylbenzene	ND		1.0	ug/L			09/24/24 11:55	1
Methyl-tert-butyl Ether (MTBE)	ND		1.0	ug/L			09/24/24 11:55	1
Methylene Chloride	ND		3.0	ug/L			09/24/24 11:55	1
n-Butylbenzene	ND		3.0	ug/L			09/24/24 11:55	1
N-Propylbenzene	ND		1.0	ug/L			09/24/24 11:55	1
Naphthalene	ND		2.0	ug/L			09/24/24 11:55	1
sec-Butylbenzene	ND		1.0	ug/L			09/24/24 11:55	1
Styrene	ND		1.0	ug/L			09/24/24 11:55	1
tert-Butylbenzene	ND		1.0	ug/L			09/24/24 11:55	1
Tetrachloroethene (PCE)	ND		1.0	ug/L			09/24/24 11:55	1
Toluene	ND		1.0	ug/L			09/24/24 11:55	1
trans-1,2-Dichloroethene	ND		1.0	ug/L			09/24/24 11:55	1
trans-1,3-Dichloropropene	ND		1.0	ug/L			09/24/24 11:55	1
Trichloroethene (TCE)	ND		1.0	ug/L			09/24/24 11:55	1
Trichlorofluoromethane	ND		1.0	ug/L			09/24/24 11:55	1
Vinyl chloride	ND		1.0	ug/L			09/24/24 11:55	· · · · · · 1
Xylenes, Total	ND		1.5	ug/L			09/24/24 11:55	1
	МВ	МВ						
0	0/ 8	O	1 5			D	A l	D# 5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		70 - 130		09/24/24 11:55	1
Toluene-d8 (Surr)	98		70 - 130		09/24/24 11:55	1
4-Bromofluorobenzene (Surr)	91		70 - 130		09/24/24 11:55	1
Dibromofluoromethane (Surr)	102		70 - 130		09/24/24 11:55	1

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 885-12855/5

Matrix: Air

Analysis Batch: 12855

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

Dil Fac

6

7

9

10

12

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
1,1,1,2-Tetrachloroethane	ND		1.0	ug/L			09/24/24 11:55	
1,1,1-Trichloroethane	ND		1.0	ug/L			09/24/24 11:55	
1,1,2,2-Tetrachloroethane	ND		2.0	ug/L			09/24/24 11:55	
1,1,2-Trichloroethane	ND		1.0	ug/L			09/24/24 11:55	
1,1-Dichloroethane	ND		1.0	ug/L			09/24/24 11:55	
1,1-Dichloroethene	ND		1.0	ug/L			09/24/24 11:55	
1,1-Dichloropropene	ND		1.0	ug/L			09/24/24 11:55	
1,2,3-Trichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	
1,2,3-Trichloropropane	ND		2.0	ug/L			09/24/24 11:55	
1,2,4-Trichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	
1,2,4-Trimethylbenzene	ND		1.0	ug/L			09/24/24 11:55	
1,2-Dibromo-3-Chloropropane	ND		2.0	ug/L			09/24/24 11:55	
1,2-Dibromoethane (EDB)	ND		1.0	ug/L			09/24/24 11:55	
1,2-Dichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	
1,2-Dichloroethane (EDC)	ND		1.0	ug/L			09/24/24 11:55	
1,2-Dichloropropane	ND		1.0	ug/L			09/24/24 11:55	
1,3,5-Trimethylbenzene	ND		1.0	ug/L			09/24/24 11:55	
1,3-Dichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	
1,3-Dichloropropane	ND		1.0	ug/L			09/24/24 11:55	
1,4-Dichlorobenzene	ND		1.0	ug/L			09/24/24 11:55	
1-Methylnaphthalene	ND		4.0	ug/L			09/24/24 11:55	
2,2-Dichloropropane	ND		2.0	ug/L			09/24/24 11:55	
2-Butanone	ND		10	ug/L			09/24/24 11:55	
2-Chlorotoluene	ND		1.0	ug/L			09/24/24 11:55	
2-Hexanone	ND		10	ug/L			09/24/24 11:55	
2-Methylnaphthalene	ND		4.0	ug/L			09/24/24 11:55	
4-Chlorotoluene	ND		1.0	ug/L			09/24/24 11:55	
4-Isopropyltoluene	ND		1.0	ug/L			09/24/24 11:55	
4-Methyl-2-pentanone	ND		10	ug/L			09/24/24 11:55	
Acetone	ND		10	ug/L			09/24/24 11:55	
Benzene	ND		1.0	ug/L			09/24/24 11:55	
Bromobenzene	ND		1.0	ug/L			09/24/24 11:55	
Bromodichloromethane	ND		1.0	ug/L			09/24/24 11:55	
Dibromochloromethane	ND		1.0	ug/L ug/L			09/24/24 11:55	
Bromoform	ND		1.0	ug/L			09/24/24 11:55	
Bromomethane	ND		3.0	ug/L			09/24/24 11:55	
Carbon disulfide	ND		10	.			09/24/24 11:55	
Carbon tetrachloride	ND		1.0	ug/L			09/24/24 11:55	
Calbon tetrachionide	ND ND		1.0	ug/L			09/24/24 11:55	
Chloroethane				ug/L				
	ND		2.0	ug/L			09/24/24 11:55	
Chloroform	ND		1.0	ug/L			09/24/24 11:55	
Chloromethane	ND ND		3.0	ug/L			09/24/24 11:55	
cis-1,2-Dichloroethene	ND		1.0	ug/L			09/24/24 11:55	
cis-1,3-Dichloropropene	ND		1.0	ug/L			09/24/24 11:55	
Dibromomethane	ND		1.0	ug/L			09/24/24 11:55	
Dichlorodifluoromethane	ND		1.0	ug/L			09/24/24 11:55	
Ethylbenzene	ND		1.0	ug/L			09/24/24 11:55	
Hexachlorobutadiene	ND		1.0	ug/L			09/24/24 11:55	

Job ID: 885-11589-1 Client: Hilcorp Energy

Project/Site: Fifield 5 #1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

мв мв

Lab Sample ID: MB 885-12855/5 Matrix: Air

Analysis Batch: 12855

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte Result Qualifier RL Unit D Analyzed Dil Fac Prepared ND 1.0 09/24/24 11:55 Isopropylbenzene ug/L ug/L Methyl-tert-butyl Ether (MTBE) ND 1.0 09/24/24 11:55 Methylene Chloride ND ug/L 09/24/24 11:55 3.0 n-Butylbenzene ND 3.0 ug/L 09/24/24 11:55 ND N-Propylbenzene 1.0 ug/L 09/24/24 11:55 Naphthalene ND 2.0 ug/L 09/24/24 11:55 sec-Butylbenzene ND 1.0 ug/L 09/24/24 11:55 Styrene ND 1.0 ug/L 09/24/24 11:55 tert-Butylbenzene ND 1.0 ug/L 09/24/24 11:55 Tetrachloroethene (PCE) ND 1.0 ug/L 09/24/24 11:55 Toluene ND 1.0 ug/L 09/24/24 11:55 ND 09/24/24 11:55 trans-1,2-Dichloroethene 1.0 ug/L ND trans-1,3-Dichloropropene 1.0 ug/L 09/24/24 11:55 Trichloroethene (TCE) ND 1.0 ug/L 09/24/24 11:55

MB MB

ND

ND

ND

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	97		70 - 130	_		09/24/24 11:55	1	
Toluene-d8 (Surr)	98		70 - 130			09/24/24 11:55	1	
4-Bromofluorobenzene (Surr)	91		70 - 130			09/24/24 11:55	1	
Dibromofluoromethane (Surr)	102		70 - 130			09/24/24 11:55	1	

1.0

1.0

1.5

ug/L

ug/L

ug/L

Lab Sample ID: LCS 885-12855/4

Matrix: Air

Analysis Batch: 12855

Trichlorofluoromethane

Vinyl chloride

Xylenes, Total

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

09/24/24 11:55

09/24/24 11:55

09/24/24 11:55

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.1	21.7		ug/L		108	70 - 130	
Benzene	20.1	23.2		ug/L		115	70 - 130	
Chlorobenzene	20.1	20.5		ug/L		102	70 - 130	
Toluene	20.2	20.8		ug/L		103	70 - 130	
Trichloroethene (TCE)	20.2	21.5		ug/L		107	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	92		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130

Lab Sample ID: 885-11589-1 DU

Matrix: Air

Analysis Batch: 12855									
	Sample	Sample	DU	DU					RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D		RPD	Limit
1,1,1,2-Tetrachloroethane	ND		ND		ug/L		 	NC	20
1,1,1-Trichloroethane	ND		ND		ug/L			NC	20

Eurofins Albuquerque

Client Sample ID: SVE-1

Prep Type: Total/NA

6

Job ID: 885-11589-1 Client: Hilcorp Energy

Project/Site: Fifield 5 #1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

ND

ND

ND

Matrix: Air

1,3-Dichlorobenzene

Analysis Batch: 12855

Lab Sample ID: 885-11589-1 DU

Client Sample ID: SVE-1

Prep Type: Total/NA

	RPD	5
RPD	Limit	

20

20

20

20

20

20

20

20

20

20

20

20

20

NC

	Sample	Sample	DU	DU					RPD	
Analyte	Result	Qualifier	Result	Qualifier	Unit	D		RPD	Limit	
1,1,2,2-Tetrachloroethane	ND		MD		ug/L			NC	20	
1,1,2-Trichloroethane	ND		ND		ug/L			NC	20	
1,1-Dichloroethane	ND		ND		ug/L			NC	20	
1,1-Dichloroethene	ND		ND		ug/L			NC	20	

ND ND NC 1,1-Dichloropropene ug/L 1,2,3-Trichlorobenzene ND ND ug/L NC ND ND 1,2,3-Trichloropropane ug/L NC 1,2,4-Trichlorobenzene ND ND ug/L NC 1,2,4-Trimethylbenzene 14 13.2 ug/L 3

1,2-Dibromo-3-Chloropropane ND ND ug/L NC ug/L 1,2-Dibromoethane (EDB) ND ND NC 1,2-Dichlorobenzene ND ND ug/L NC 1,2-Dichloroethane (EDC) ND ND ug/L NC ND ND ug/L NC 1,2-Dichloropropane 1,3,5-Trimethylbenzene 14 13.6 ug/L

ND ND 1,3-Dichloropropane ug/L NC 20 ND ND NC 20 1.4-Dichlorobenzene ug/L 1-Methylnaphthalene ND ND ug/L NC 2,2-Dichloropropane ND ND ug/L NC 20 2-Butanone ND ND ug/L NC 20 2-Chlorotoluene ND ND ug/L NC 20 2-Hexanone ND ND ug/L NC 20 2-Methylnaphthalene ND ND ug/L NC 20 4-Chlorotoluene ND ND ug/L NC 20 ND 4-Isopropyltoluene ND ug/L NC 20 4-Methyl-2-pentanone ND ND ug/L NC 20

ND

ug/L

Acetone ND ND ug/L NC 20 Benzene ug/L 24 23.3 2 20 Bromobenzene ND ND ug/L NC 20 ND ND Bromodichloromethane ug/L NC 20 Dibromochloromethane ND ND ug/L NC 20 Bromoform ND ND ug/L NC 20 Bromomethane ND ND ug/L NC 20 ug/L Carbon disulfide ND ND NC 20 Carbon tetrachloride ND ND ug/L NC 20 Chlorobenzene ND ND ug/L NC 20 ND ND NC 20

Chloroethane ug/L Chloroform ND ND ug/L NC 20 Chloromethane ND ND NC ug/L 20 cis-1,2-Dichloroethene ND ND NC 20 ug/L cis-1,3-Dichloropropene ND ND ug/L NC 20 Dibromomethane ND ND NC 20 ug/L Dichlorodifluoromethane NΠ NΠ ug/L NC 20 Ethylbenzene 13 13.1 ug/L 0.6 20 ug/L Hexachlorobutadiene ND ND NC 20 Isopropylbenzene 2.6 2.54 ug/L 4 20

> NC Eurofins Albuquerque

NC

ND

ND

ug/L

ug/L

20

20

Methyl-tert-butyl Ether (MTBE)

Methylene Chloride

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 885-11589-1 DU

Matrix: Air

Analysis Batch: 12855

Client Sample ID: SVE-1

Prep Type: Total/NA

	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	RPD	Limit
n-Butylbenzene	ND		ND		ug/L		NC NC	20
N-Propylbenzene	3.0		2.95		ug/L		2	20
Naphthalene	ND		ND		ug/L		NC	20
sec-Butylbenzene	ND		ND		ug/L		NC	20
Styrene	ND		ND		ug/L		NC	20
tert-Butylbenzene	ND		ND		ug/L		NC	20
Tetrachloroethene (PCE)	ND		ND		ug/L		NC	20
Toluene	170		167		ug/L		3	20
trans-1,2-Dichloroethene	ND		ND		ug/L		NC	20
trans-1,3-Dichloropropene	ND		ND		ug/L		NC	20
Trichloroethene (TCE)	ND		ND		ug/L		NC	20
Trichlorofluoromethane	ND		ND		ug/L		NC	20
Vinyl chloride	ND		ND		ug/L		NC	20
Xylenes, Total	190		184		ug/L		3	20

DU DU

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		70 - 130
Toluene-d8 (Surr)	128		70 - 130
4-Bromofluorobenzene (Surr)	110		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

QC Association Summary

Client: Hilcorp Energy

Job ID: 885-11589-1

Project/Site: Fifield 5 #1

GC/MS VOA

Analysis Batch: 12855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11589-1	SVE-1	Total/NA	Air	8260B	
MB 885-12855/1005	Method Blank	Total/NA	Air	8260B	
MB 885-12855/5	Method Blank	Total/NA	Air	8260B	
LCS 885-12855/4	Lab Control Sample	Total/NA	Air	8260B	
885-11589-1 DU	SVE-1	Total/NA	Air	8260B	

Analysis Batch: 12872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-11589-1	SVE-1	Total/NA	Air	8015M/D	
MB 885-12872/4	Method Blank	Total/NA	Air	8015M/D	
LCS 885-12872/3	Lab Control Sample	Total/NA	Air	8015M/D	

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Lab Chronicle

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Client Sample ID: SVE-1 Lab Sample ID: 885-11589-1

Date Collected: 09/10/24 15:00 Matrix: Air

Date Received: 09/11/24 07:30

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015M/D		2	12872	CM	EET ALB	09/23/24 18:18
Total/NA	Analysis	8260B		2	12855	CM	EET ALB	09/24/24 12:20

Laboratory References:

= , 1120 South 27th Street, Billings, MT 59101, TEL (406)252-6325

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

Eurofins Albuquerque

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Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Laboratory: Eurofins Albuquerque

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

ority Program		am	Identification Number Expiration			
/ Mexico	State		NM9425, NM0901	02-26-25		
The following analytes	are included in this report. bu	ut the laboratory is not certif	ied by the governing authority. This lis	t mav include analyte		
	pes not offer certification.	,		,, .		
Analysis Method	Prep Method	Matrix	Analyte			
8015M/D		Air	Gasoline Range Organics	[C6 - C10]		
8260B		Air	1,1,1,2-Tetrachloroethane			
8260B		Air	1,1,1-Trichloroethane			
8260B		Air	1,1,2,2-Tetrachloroethane			
8260B		Air	1,1,2-Trichloroethane			
8260B		Air	1,1-Dichloroethane			
8260B		Air	1,1-Dichloroethene			
8260B		Air	1,1-Dichloropropene			
8260B		Air	1,2,3-Trichlorobenzene			
8260B		Air	1,2,3-Trichloropropane			
8260B		Air	1,2,4-Trichlorobenzene			
8260B		Air	1,2,4-Trimethylbenzene			
8260B		Air	1,2-Dibromo-3-Chloroprop	ane		
8260B		Air	1,2-Dibromoethane (EDB)			
8260B		Air	1,2-Dichlorobenzene			
8260B		Air	1,2-Dichloroethane (EDC)			
8260B		Air	1,2-Dichloropropane			
8260B		Air	1,3,5-Trimethylbenzene			
8260B		Air	1,3-Dichlorobenzene			
8260B		Air	1,3-Dichloropropane			
8260B		Air	1,4-Dichlorobenzene			
8260B		Air	1-Methylnaphthalene			
8260B		Air	2,2-Dichloropropane			
8260B		Air	2-Butanone			
8260B		Air	2-Chlorotoluene			
8260B		Air	2-Hexanone			
8260B		Air	2-Methylnaphthalene			
8260B			• •			
		Air	4-Chlorotoluene			
8260B		Air	4-Isopropyltoluene			
8260B		Air	4-Methyl-2-pentanone			
8260B		Air	Acetone			
8260B		Air	Benzene			
8260B		Air	Bromobenzene			
8260B		Air	Bromodichloromethane			
8260B		Air	Bromoform			
8260B		Air	Bromomethane			
8260B		Air	Carbon disulfide			
8260B		Air	Carbon tetrachloride			
8260B		Air	Chlorobenzene			
8260B		Air	Chloroethane			
8260B		Air	Chloroform			
8260B		Air	Chloromethane			
8260B		Air	cis-1,2-Dichloroethene			
8260B		Air	cis-1,3-Dichloropropene			
8260B		Air	Dibromochloromethane			

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Laboratory: Eurofins Albuquerque (Continued)

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

thority	Progra	am	Identification Number	Expiration Date
• •	•	t the laboratory is not certif	ied by the governing authority. This lis	st may include analyte
	oes not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte	
8260B		Air	Dibromomethane	
8260B		Air	Dichlorodifluoromethane	
8260B		Air	Ethylbenzene	
8260B		Air	Hexachlorobutadiene	
8260B		Air	Isopropylbenzene	
8260B		Air	Methylene Chloride	
8260B		Air	Methyl-tert-butyl Ether (M	TBE)
8260B		Air	Naphthalene	
8260B		Air	n-Butylbenzene	
8260B		Air	N-Propylbenzene	
8260B		Air	sec-Butylbenzene	
8260B		Air	Styrene	
8260B		Air	tert-Butylbenzene	
8260B		Air	Tetrachloroethene (PCE)	
8260B		Air	Toluene	
8260B		Air	trans-1,2-Dichloroethene	
8260B		Air	trans-1,3-Dichloropropene	•
8260B		Air	Trichloroethene (TCE)	
8260B		Air	Trichlorofluoromethane	
8260B		Air	Vinyl chloride	
8260B		Air	Xylenes, Total	
egon	NELAI	>	NM100001	02-26-25

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
8015M/D		Air	Gasoline Range Organics [C6 - C10]
8260B		Air	1,1,1,2-Tetrachloroethane
8260B		Air	1,1,1-Trichloroethane
8260B		Air	1,1,2,2-Tetrachloroethane
8260B		Air	1,1,2-Trichloroethane
8260B		Air	1,1-Dichloroethane
8260B		Air	1,1-Dichloroethene
8260B		Air	1,1-Dichloropropene
8260B		Air	1,2,3-Trichlorobenzene
8260B		Air	1,2,3-Trichloropropane
8260B		Air	1,2,4-Trichlorobenzene
8260B		Air	1,2,4-Trimethylbenzene
8260B		Air	1,2-Dibromo-3-Chloropropane
8260B		Air	1,2-Dibromoethane (EDB)
8260B		Air	1,2-Dichlorobenzene
8260B		Air	1,2-Dichloroethane (EDC)
8260B		Air	1,2-Dichloropropane
8260B		Air	1,3,5-Trimethylbenzene
8260B		Air	1,3-Dichlorobenzene
8260B		Air	1,3-Dichloropropane
8260B		Air	1,4-Dichlorobenzene

Eurofins Albuquerque

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-11589-1

Project/Site: Fifield 5 #1

Laboratory: Eurofins Albuquerque (Continued)

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

ority	Progr	am	Identification Number Expiration I	ate
The following analytes are incl		ut the laboratory is not certif	ied by the governing authority. This list may include an	alyt
	Prep Method	Matrix	Analyte	
8260B		Air	1-Methylnaphthalene	
8260B		Air	2,2-Dichloropropane	
8260B		Air	2-Butanone	
8260B		Air	2-Chlorotoluene	
8260B		Air	2-Hexanone	
8260B		Air	2-Methylnaphthalene	
8260B		Air	4-Chlorotoluene	
8260B		Air	4-Isopropyltoluene	
8260B		Air	4-Methyl-2-pentanone	
8260B		Air	Acetone	
8260B		Air	Benzene	
8260B		Air	Bromobenzene	
8260B		Air	Bromodichloromethane	
8260B		Air	Bromoform	
8260B		Air	Bromomethane	
8260B		Air	Carbon disulfide	
8260B		Air	Carbon tetrachloride	
8260B			Chlorobenzene	
8260B		Air	Chloroethane	
8260B		Air	Chloroform	
		Air		
8260B		Air	Chloromethane	
8260B		Air	cis-1,2-Dichloroethene	
8260B		Air	cis-1,3-Dichloropropene	
8260B		Air	Dibromochloromethane	
8260B		Air	Dibromomethane	
8260B		Air	Dichlorodifluoromethane	
8260B		Air	Ethylbenzene	
8260B		Air	Hexachlorobutadiene	
8260B		Air	Isopropylbenzene	
8260B		Air	Methylene Chloride	
8260B		Air	Methyl-tert-butyl Ether (MTBE)	
8260B		Air	Naphthalene	
8260B		Air	n-Butylbenzene	
8260B		Air	N-Propylbenzene	
8260B		Air	sec-Butylbenzene	
8260B		Air	Styrene	
8260B		Air	tert-Butylbenzene	
8260B		Air	Tetrachloroethene (PCE)	
8260B		Air	Toluene	
8260B		Air	trans-1,2-Dichloroethene	
8260B		Air	trans-1,3-Dichloropropene	
8260B		Air	Trichloroethene (TCE)	
8260B		Air	Trichlorofluoromethane	
8260B		Air	Vinyl chloride	
8260B		Air	Xylenes, Total	

Eurofins Albuquerque

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

September 18, 2024

Hall Environmental 4901 Hawkins St NE Ste D Albuquerque, NM 87109-4372

Quote ID: B15626 Work Order: B24091176

Project Name: Fifield 5 #1 88501698

Energy Laboratories Inc Billings MT received the following 1 sample for Hall Environmental on 9/12/2024 for analysis.

0,7	o	• •		· ·
Lab ID	Client Sample ID	Collect Date Receive Date	Matrix	Test
B24091176-001	SVE-1 (855-11589-1)	09/10/24 15:00 09/12/24	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist. Free Natural Gas Analysis Specific Gravity @ 60/60

ANALYTICAL SUMMARY REPORT

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 So. 27th Street, Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

Energy Laboratories, Inc. verifies the reported results for the analysis has been technically reviewed and approved for release.

If you have any questions regarding these test results, please contact your Project Manager.

Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Hall Environmental **Report Date:** 09/18/24 Project: Fifield 5 #1 88501698 Collection Date: 09/10/24 15:00 Lab ID: DateReceived: 09/12/24 B24091176-001 Client Sample ID: SVE-1 (855-11589-1) Matrix: Air

					MCL/		
Analyses	Result	Units	Qualifiers	RL	QCL	Method	Analysis Date / By
GAS CHROMATOGRAPHY ANALYSIS	REPORT						
Oxygen	21.36	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Nitrogen	78.50	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Carbon Dioxide	0.09	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Hydrogen Sulfide	<0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Methane	< 0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Ethane	< 0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Propane	<0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Isobutane	<0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
n-Butane	<0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Isopentane	<0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
n-Pentane	< 0.01	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Hexanes plus	0.05	Mol %		0.01		GPA 2261-95	09/16/24 12:41 / jrj
Propane	< 0.001	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
Isobutane	< 0.001	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
n-Butane	< 0.001	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
Hexanes plus	0.021	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
GPM Total	0.021	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
GPM Pentanes plus	0.021	gpm		0.001		GPA 2261-95	09/16/24 12:41 / jrj
CALCULATED PROPERTIES							
Gross BTU per cu ft @ Std Cond. (HHV)	2			1		GPA 2261-95	09/16/24 12:41 / jrj
Net BTU per cu ft @ std cond. (LHV)	2			1		GPA 2261-95	09/16/24 12:41 / jrj
Pseudo-critical Pressure, psia	544			1		GPA 2261-95	09/16/24 12:41 / jrj
Pseudo-critical Temperature, deg R	239			1		GPA 2261-95	09/16/24 12:41 / jrj
Specific Gravity @ 60/60F	0.998			0.001		D3588-81	09/16/24 12:41 / jrj
Air, % - The analysis was not corrected for air.	97.58			0.01		GPA 2261-95	09/16/24 12:41 / jrj
COMMENTS							

COMMENTS

- BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.

- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.

- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.

- Standard conditions: 60 F & 14.73 psi on a dry basis

RL - Analyte Reporting Limit Report **Definitions:**

QCL - Quality Control Limit

MCL - Maximum Contaminant Level

ND - Not detected at the Reporting Limit (RL)

09/16/24 12:41 / jrj

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ENERGY LABORATORIES

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QA/QC Summary Report

Prepared by Billings, MT Branch

Client: Hall Environmental Work Order: B24091176 Report Date: 09/18/24

Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261-95									Batch:	R428958
Lab ID:	B24091168-001ADUP	12 Sai	mple Duplic	ate			Run: GCNG	GA-B_240916A		09/16/	24 11:03
Oxygen			21.7	Mol %	0.01				0.2	20	
Nitrogen			78.0	Mol %	0.01				0.1	20	
Carbon D	ioxide		0.23	Mol %	0.01				0.0	20	
Hydrogen	Sulfide		< 0.01	Mol %	0.01					20	
Methane			< 0.01	Mol %	0.01					20	
Ethane			< 0.01	Mol %	0.01					20	
Propane			< 0.01	Mol %	0.01					20	
Isobutane	;		< 0.01	Mol %	0.01					20	
n-Butane			< 0.01	Mol %	0.01					20	
Isopentan	ie		< 0.01	Mol %	0.01					20	
n-Pentane	е		< 0.01	Mol %	0.01					20	
Hexanes	plus		0.06	Mol %	0.01				0.0	20	
Lab ID:	LCS091624	11 Lat	ooratory Co	ntrol Sample			Run: GCNG	SA-B_240916A		09/16/	24 02:25
Oxygen			0.63	Mol %	0.01	126	70	130			
Nitrogen			5.91	Mol %	0.01	98	70	130			
Carbon D	ioxide		0.99	Mol %	0.01	100	70	130			
Methane			75.1	Mol %	0.01	100	70	130			
Ethane			6.10	Mol %	0.01	102	70	130			
Propane			5.05	Mol %	0.01	102	70	130			
Isobutane	•		1.43	Mol %	0.01	71	70	130			
n-Butane			2.01	Mol %	0.01	100	70	130			
Isopentan	ne		1.01	Mol %	0.01	101	70	130			
n-Pentane	е		1.01	Mol %	0.01	101	70	130			
Hexanes	plus		0.79	Mol %	0.01	99	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



Billings, MT 406.252.6325 • Casper, WY 307.235.0515 Gillette, WY 307.686.7175 • Helena, MT 406.442.0711

Work Order Receipt Checklist

Hall Environmental B24091176

Login completed by:	Gina McCartney		Date	Received: 9/12/2024
Reviewed by:	eviewed by: ysmith			ceived by: DNH
Reviewed Date:	9/16/2024		Car	rier name: FedEx NDA
Shipping container/cooler in	good condition?	Yes ✓	No 🗌	Not Present
Custody seals intact on all sl	hipping container(s)/cooler(s)?	Yes 🗸	No 🗌	Not Present
Custody seals intact on all sa	ample bottles?	Yes	No 🗌	Not Present ✓
Chain of custody present?		Yes 🗸	No 🗌	
Chain of custody signed whe	en relinquished and received?	Yes 🗸	No 🗌	
Chain of custody agrees with	n sample labels?	Yes ✓	No 🗌	
Samples in proper container	/bottle?	Yes 🗹	No 🗌	
Sample containers intact?		Yes 🔽	No 🗌	
Sufficient sample volume for	indicated test?	Yes 🔽	No 🗌	
All samples received within h (Exclude analyses that are c such as pH, DO, Res Cl, Su	onsidered field parameters	Yes 🗸	No 🗌	
Temp Blank received in all s	hipping container(s)/cooler(s)?	Yes	No 🗹	Not Applicable
Container/Temp Blank tempe	erature:	18.1°C No Ice		
Containers requiring zero he bubble that is <6mm (1/4").	adspace have no headspace or	Yes	No 🗌	No VOA vials submitted ✓
Water - pH acceptable upon	receipt?	Yes	No 🗌	Not Applicable ✓

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

The reference date for Radon analysis is the sample collection date. The reference date for all other Radiochemical analyses is the analysis date. Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

For methods that require zero headspace or require preservation check at the time of analysis due to potential interference, the pH is verified at analysis. Nonconforming sample pH is documented as part of the analysis and included in the sample analysis comments.

Trip Blanks and/or Blind Duplicate samples are assigned the earliest collection time for the associated requested analysis in order to evaluate the holding time unless specifically indicated.

Contact and Corrective Action Comments:

None

Page 5 of 6 10/4/2024

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ICOC No: 885-1927

Subconfrac	Subcontract Method Instructions	tions	
			C
Sample IDe	Method	Method Description	Method Comments
Calling			i
*	CIRCONTRACT	SHBCONTRACT SHB (Fixed Gases)/ Fixed Gases	Fixed Gases
	000000000000000000000000000000000000000	7	

Container Type Tedlar Bag 1L

Containers Count

Preservative None

> Page 6 of 6 10/4/2024

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-11589-1

Login Number: 11589 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.</td <td>True</td> <td></td>	True	
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 ampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
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	
s 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	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 390986

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	390986
	Action Type:
	[UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created	Condition	Condition Date
Ву		
nvelez	1. Continue further actions as stated in report. 2. Submit next quarterly report by January 15, 2025.	10/28/2024