1. Continue O&M & sampling as stated in report. 2. Submit next quarterly

report by July 15, 2025.

April 15, 2025

New Mexico Oil Conservation Division

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

Re: First Quarter 2025 – SVE System Update

Scott 4M

San Juan County, New Mexico Hilcorp Energy Company NMOCD Incident Number: NCE2003650476

To Whom it May Concern:

Ensolum, LLC (Ensolum), on behalf of Hilcorp Energy Company (Hilcorp), presents this *First Quarter 2025 –SVE System Update* report summarizing the soil vapor extraction (SVE) system performance at the Scott 4M natural gas production well (Site), located in Section 17, Township 31 North, and Range 10 West in San Juan County (Figure 1). The SVE system has operated since January 2021 to remediate subsurface soil impacts resulting from approximately 42 barrels (bbls) of natural gas condensate released from an aboveground storage tank. This report summarizes Site activities performed in January, February, and March of 2025.

SVE SYSTEM SPECIFICATIONS

An upgraded SVE system was installed at the Site at the end of September 2022 and consists of 3-phase, 3.4 horsepower Republic Model KVHRC500 blower capable of producing a flow of 221 cubic feet per minute (cfm) and a vacuum of 76 inches of water column (IWC). The system is powered by a permanent power drop and is intended to run 24 hours per day. Seven SVE wells are currently present at the Site (SVE01 through SVE07, shown on Figure 2). SVE wells SVE01 through SVE03 are screened at depth intervals ranging from 25 feet to 45 feet below ground surface (bgs) in order to remediate deep soil impacts located at the Site. SVE wells SVE04 and SVE05 are screened at depth intervals ranging from 5 feet to 25 feet bgs in order to remediate shallow soil impacts at the Site. SVE wells SVE06 and SVE07 were installed at the Site in order to complete the pilot test conducted in 2021; however, these wells are not located in impacted areas and are not connected to the permanent SVE system.

FIRST QUARTER 2025 ACTIVITIES

During the first quarter of 2025, Ensolum and Hilcorp personnel performed bi-weekly operation and maintenance (O&M) visits to ensure the system was operating as designed and to perform any required maintenance. Throughout the first quarter of 2025, extraction was focused on SVE01, the well with the highest photoionization detector (PID) readings. Between December 18, 2024 and March 31, 2025, the SVE system operated for 2,468.6 hours for a runtime efficiency of 97 percent (%). Photographs of the runtime meter for calculating the fourth

Page 2

quarter runtime efficiency are presented as Appendix B. The SVE system operational hours and calculated percent runtime are presented in Table 1.

A first quarter 2025 vapor sample was collected on February 10, 2025, from a sample port located between the SVE piping manifold and the SVE blower, using a high vacuum air sampler. Prior to collection, the vapor sample was field screened with a PID for organic vapor monitoring (OVM). The vapor sample was collected directly into two 1-Liter Tedlar® bags and submitted to Eurofins Environment Testing in Albuquerque, New Mexico for analysis of total volatile petroleum hydrocarbons [TVPH – also known as total petroleum hydrocarbons – gasoline range organics (TPH-GRO)] following United States Environmental Protection Agency (EPA) Method 8015D, volatile organic compounds (VOCs) following EPA Method 8260B, and fixed gas analysis of oxygen and carbon dioxide following Gas Processors Association (GPA) Method 2261. A summary of analytical data collected during this sampling event and historical sampling events is provided in Table 2, with the full laboratory analytical report included as Appendix C.

Vapor sample data and measured flow rates are used to estimate total mass recovered and total emissions generated by the SVE system (Table 3). Based on these estimates, 8,768 pounds (4.4 tons) of TVPH have been removed by the system to date.

SOIL PERFORMANCE SAMPLING AND RESULTS

Based on SVE system vapor sample data collected at the Site, soil performance sampling was conducted on March 24, 2025 to assess soil conditions and potential residual hydrocarbon concentrations remaining at the Site. Soil sampling was conducted in accordance with the NMOCD approved *Update Report and Updated Remediation Workplan* prepared by WSP USA, Inc. and dated October 6, 2021. Per the approved workplan, two soil borings were advanced at the Site in the locations indicated on Figure 3. Soil samples were collected from each boring, BH09 and BH10, at depths of 25, 40, and 45 feet bgs. One additional sample was collected from BH09 at a depth of 15 feet bgs where field screening results indicated the highest potential impacts. Soil sample results indicate that TPH concentrations exceeding the applicable NMOCD closure criteria are present at depths of approximately 15, 40, and 45 feet bgs in boring BH09. Analytical results from BH10 indicate that TPH and benzene, toluene, ethylbenzene, and total xylenes (BTEX) concentrations are below the applicable closure criteria. The soil sample analytical results are summarized in Table 4, with complete laboratory analytical report attached as Appendix D.

RECOMMENDATIONS

A decrease in overall system PID readings and associated mass removal rates has been observed since system startup, as is anticipated. As discussed in the *Fourth Quarter 2024 – SVE System Update*, adjustments were made to attempt to focus vacuum extraction on extraction well SVE01, the location with the highest PID reading; however, following adjustments, TVPH in the vapor sample only increased slightly and the overall mass removal rate decreased as a result of the drop in total system flow rate. Due to the low mass removal rate observed following system optimization attempts, confirmation soil sampling was conducted in March 2025 as described above. Based on those results, system operation will continue, and adjustments will be made to target the remaining impacted depth intervals at soil boring location BH09.

Bi-weekly O&M visits will continue to be performed by Ensolum and/or Hilcorp personnel to ensure the SVE system is operating within normal working ranges (i.e., temperature, pressure, and vacuum) until it is determined that SVE is no longer effective, at which point additional soil samples will be collected in accordance with the NMOCD approved workplan. Deviations from regular SVE system operations will be noted on field logs and included in the following quarterly report.



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

Sincerely,

Ensolum, LLC

Stuart Hyde, PG (licensed in TX, WA, & WY)

Senior Managing Geologist (970) 903-1607

shyde@ensolum.com

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

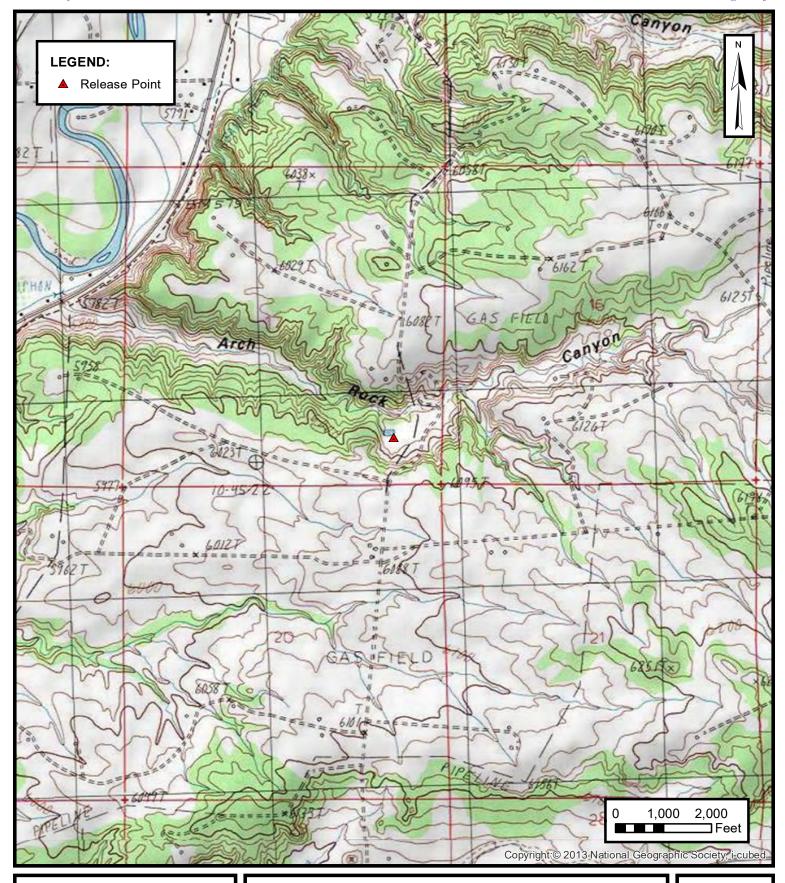
Attachments:

Figure 1	Site Location
Figure 2	SVE System Configuration
Figure 3	Performance Soil Sample Locations
Table 1	Soil Vapor Extraction System Runtime Calculations
Table 2	Soil Vapor Extraction System Air Analytical Results
Table 3	Soil Vapor Extraction System Mass Removal and Emissions
Table 4	Performance Soil Sample Analytical Results
Appendix A Appendix B Appendix C Appendix D	Field Notes Project Photographs Vapor Sample Laboratory Analytical Report Performance Soil Sample Laboratory Analytical Report





Figures





SITE LOCATION

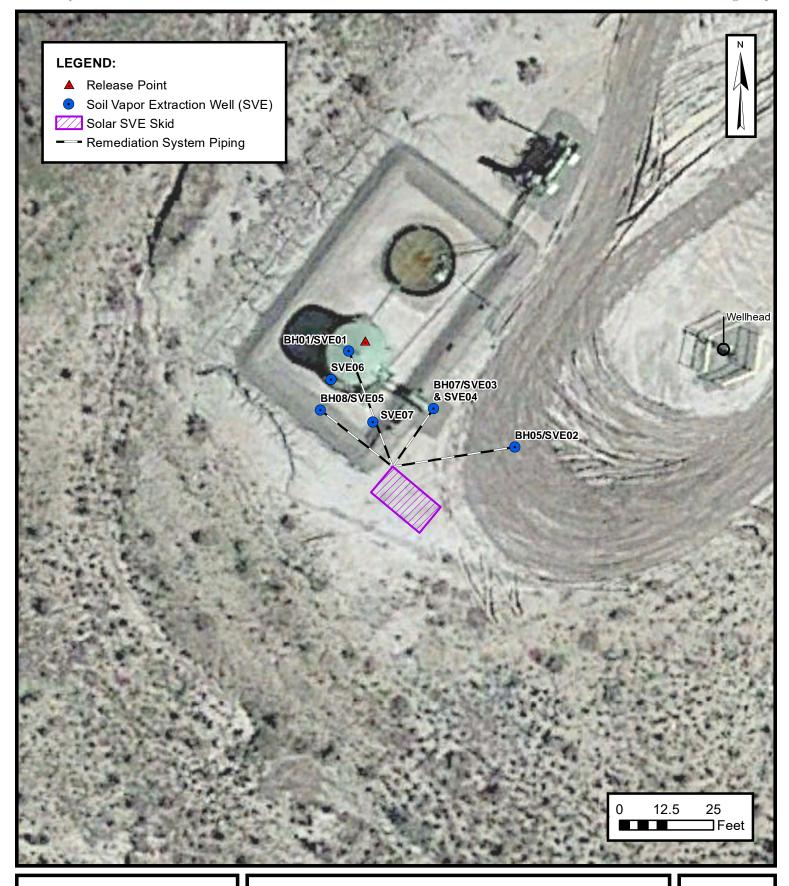
HILCORP ENERGY COMPANY SCOTT 4M

SESE SEC 17 T31N R10W, San Juan County, New Mexico 36.893345° N, 107.899185° W

PROJECT NUMBER: 07A1988016

FIGURE

1





SVE SYSTEM CONFIGURATION

HILCORP ENERGY COMPANY
SCOTT 4M
FC 17 T31N R10W San Juan County New M

SESE SEC 17 T31N R1OW, San Juan County, New Mexico 36.893345° N, 107.899185° W

PROJECT NUMBER: 07A1988016

FIGURE

2





Performance Soil Sample Locations

Scott 4M Hilcorp Energy Company 36.893345° N, 107.899185° W San Juan County, New Mexico FIGURE 3



Tables



TABLE 1 SOIL VAPOR EXTRACTION SYSTEM RUNTIME CALCULATIONS

Scott 4M
Hilcorp Energy Company
San Juan County, New Mexico

Date	Total Operational Hours	Delta Hours	Days	Percent Runtime
12/15/2024	25,798	1	1	
3/31/2025	28,267	2,468.6	106.0	97%

Ensolum

Received by OCD: 4/15/2025 1:52:19 PM



TABLE 2 SOIL VAPOR EXTRACTION SYSTEM EMISSIONS ANALYTICAL RESULTS

Scott 4M

Hilcorp Energy Company San Juan County, New Mexico

Date	PID (ppm)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	TVPH/GRO (µg/L)	Oxygen (%)	Carbon Dioxide (%)
2/1/2021	118	85	240	10	64	18,000		
9/7/2021	53	40	280	24	240	15,000		
9/29/2021	316	210	1,800	240	2,200	85,000		
12/2/2021	232	48	320	32	310	50,000	16.60%	1.03%
3/15/2022	402	38	430	63	660	18,000	20.80%	0.473%
6/16/2022	89	1.3	13	1.6	17	750	21.57%	0.15%
9/28/2022	476	9.6	120	19	220	5,900	20.73%	0.90%
12/12/2022	198	2.5	26	4.9	59	2,100	21.65%	0.27%
3/9/2023	274	1.0	19	4.0	50	1,500	21.64%	0.19%
6/22/2023	247	1.2	16	2.4	34	940	21.42%	0.29%
8/23/2023	186	1.0	12	2.0	29	930	21.49%	0.32%
11/27/2023	129	0.86	11	1.5	22	860	21.40%	0.22%
3/5/2024	57.5	< 0.50	5.6	0.76	12	260	22.25%	0.10%
6/13/2024	88.7	0.67	8.0	1.1	18	490	21.78%	0.15%
9/18/2024	66.0	10	62	<5.0	69	270	22.10%	0.06%
11/26/2024	4.1	< 0.10	0.11	< 0.10	0.38	9.9	21.45%	0.05%
2/10/2025	42.5	<0.50	2.4	<0.50	3.8	120	20.59%	0.18%

Notes:

GRO: gasoline range organics

μg/L: microgram per liter

PID: photoionization detector

ppm: parts per million

TVPH: total volatile petroleum hydrocarbons

%: percent

--: not sampled

Grey: Below laboratory reporting limit

Ensolum 1 of 1



TABLE 3

SOIL VAPOR EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS

Scott 4M Hilcorp Energy Company San Juan County, New Mexico

			aboratory Analysi	3		
Date	PID (ppm)	Benzene (μg/L)	Toluene (μg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)	TVPH (μg/L)
2/1/2021	118	85	240	10	64	18,000
9/7/2021	53	40	280	24	240	15,000
9/29/2021	316	210	1,800	240	2,200	85,000
12/2/2021	232	48	320	32	310	50,000
3/15/2022	402	38	430	63	660	18,000
6/16/2022	89	1.3	13	1.6	17	750
9/28/2022 (1)	476	9.6	120	19	220	5,900
12/12/2022 (2)	198	2.5	26	4.9	59	2,100
3/9/2023	274	1.0	19	4.0	50	1,500
6/22/2023	247	1.2	16	2.4	34	940
8/23/2023	186	1.0	12	2.0	29	930
11/27/2023	129	0.86	11	1.5	22	860
3/5/2024	57.5	0.50	5.6	0.76	12	260
6/13/2024	88.7	0.67	8.0	1.10	18	490
9/18/2024	66.0	10	62	5.0	69	270
11/26/2024	4.1	0.10	0.11	0.10	0.38	9.9
2/10/2025	42.5	0.50	2.4	0.50	3.8	120
Average	175	26	198	24	236	11,772

Vapor Extraction Summary

Date	Flow Rate (cfm)	Total System Flow (cf)	Delta Flow (cf)	Benzene (lb/hr)	Toluene (lb/hr)	Ethylbenzene (lb/hr)	Total Xylenes (lb/hr)	TVPH (lb/hr)
2/1/2021	22	1,980	1,980	0.0070	0.020	0.00082	0.0053	1.5
9/7/2021	22	2,841,168	2,839,188	0.0051	0.021	0.0014	0.013	1.4
9/29/2021	10	2,979,528	138,360	0.0047	0.039	0.0049	0.046	1.9
12/2/2021	3.5	3,106,158	126,630	0.00169	0.0139	0.00178	0.0164	0.88
3/15/2022	8.0	3,519,486	413,328	0.00129	0.0112	0.00142	0.0145	1.02
6/16/2022	14	4,412,322	892,836	0.00103	0.0116	0.00169	0.0177	0.49
9/9/2022 (1)	12	5,218,146	805,824	0.00024	0.0030	0.00046	0.0053	0.15
12/10/2022 (2)	46	10,939,074	5,720,928	0.00104	0.0126	0.00206	0.0240	0.69
3/9/2023	31	14,846,376	3,907,302	0.00020	0.0026	0.00052	0.0063	0.21
6/22/2023 (3)	36	20,301,024	5,454,648	0.00015	0.0024	0.00043	0.0057	0.16
8/23/2023 (4)	38	23,648,084	3,347,060	0.00015	0.0020	0.00031	0.0044	0.13
11/27/2023	50	30,561,884	6,913,800	0.00017	0.0022	0.00033	0.0048	0.17
3/5/2024	35	35,557,364	4,995,480	0.00009	0.0011	0.00015	0.0022	0.07
6/13/2024	38	41,019,788	5,462,424	0.00008	0.0010	0.00013	0.0021	0.05
9/18/2024	40	46,603,628	5,583,840	0.00080	0.0052	0.00046	0.0065	0.06
11/26/2024	20	48,586,988	1,983,360	0.00038	0.0023	0.00019	0.0026	0.01
2/10/2025	10	49,653,068	1,066,080	0.00001	0.0000	0.00001	0.0001	0.00
· ·			Average	0.0014	0.009	0.0010	0.010	0.52

				Mass Recovery				
Date	Total SVE System Hours	Delta Hours	Benzene (pounds)	Toluene (pounds)	Ethylbenzene (pounds)	Total Xylenes (pounds)	TVPH (pounds)	TVPH (tons)
2/1/2021	1.5	1.5	0.010	0.030	0.0012	0.0079	2.2	0.0011
9/7/2021	2,152	2,151	11	46	3.0	27	2,920	1.5
9/29/2021	2,383	231	1.1	9.0	1.1	11	431	0.22
12/2/2021	2,986	603	1.0	8.4	1.1	9.9	533	0.27
3/15/2022	3,847	861	1.1	9.7	1.2	12	876	0.44
6/16/2022	4,910	1,063	1.1	12.3	1.8	19	522	0.26
9/9/2022 (1)	6,029	1,119	0.3	3.3	0.5	6.0	167	0.08
12/10/2022 (2)	8,102	2,073	2.2	26	4.3	50	1,426	0.71
3/9/2023	10,203	2,101	0.43	5.5	1.1	13	438	0.22
6/22/2023	12,728	2,525	0.37	6.0	1.1	14	415	0.21
8/23/2023	14,209	1,481	0.23	2.9	0.46	6.6	195	0.10
11/27/2023	16,514	2,305	0.40	5.0	0.75	11	386	0.19
3/5/2024	18,892	2,379	0.21	2.6	0.35	5.3	174	0.087
6/13/2024	21,288	2,396	0.20	2.3	0.32	5.1	128	0.064
9/18/2024	23,615	2,327	1.9	12	1.1	15	132	0.066
11/26/2024	25,268	1,653	0.6	3.8	0.3	4.3	17	0.009
2/10/2025	27,044	1,777	0.0	0.1	0.0	0.1	4	0.002
	Total Mass	s Recovery to Date	22	155	18	209	8,768	4.4

- (1): SVE system hours and flow rates were collected during operation and maintenance visit on 9/9/2022
- (2): PID measurement, SVE system hours, and flow rates were collected during operation and maintenance visit on 12/10/2022
- (3): SVE system rotameter was malfunctioning during site visit on 6/22/2023. Flow rate was estimated based on the average flow recorded during site visits between 4/13/2023 and 6/7/2023.
- (4): SVE system rotameter was oscillating during third quarter 2023 site visits. Flow rate was estimated based on average historical flow for the current system
- cf: cubic feet
- cfm: cubic feet per minute μg/L: micrograms per liter
- lb/hr: pounds per hour --: not sampled
- PID: photoionization detector
- ppm: parts per million
- TVPH: total volatile petroleum hydrocarbons
- gray: laboratory reporting limit used for calculating emissions



<45

<47

<47

12

40.5

58

12

34

44

TABLE 4 PERFORMANCE SOIL SAMPLE ANALYTICAL RESULTS Scott 4M Hilcorp Energy Company

San Juan County, New Mexico **Total BTEX** Sample Depth PID Benzene Toluene Ethylbenzene **Xylenes TPH GRO TPH DRO TPH MRO Total TPH** Date Identification (feet bgs) (ppm) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) (mg/kg) NMOCD Closure Criteria for Soils Impacted by a NE 10 NE NE NE 50 NE NE NE 100 Release BH09@15' 3/24/2025 15 601.1 < 0.025 0.53 1.0 12 13.53 210 F2 360 <46 570 BH09@25' 3/24/2025 25 203.3 < 0.025 < 0.050 0.058 0.12 0.178 22 <46 23 45 BH09@40' 3/24/2025 40 384.7 < 0.024 <0.048 0.21 1.0 1.21 66 160 <46 226 BH09@45' 3/24/2025 45 321.5 < 0.023 0.14 0.40 3.6 4.14 90 100 78 268

< 0.048

< 0.047

Notes:

BH10@25'

BH10@40'

BH10@45'

bgs: Below ground surface

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

3/24/2025

3/24/2025

3/24/2025

25

40

45

5.7

39.6

284.1

< 0.024

< 0.024

F2: MS/MSD RPD exceeds control limit

mg/kg: Milligrams per kilogram NE: Not Established

NMOCD: New Mexico Oil Conservation Division

PID: Photoionization detector ppm: Parts per million

GRO: Gasoline Range Organics DRO: Diesel Range Organics

MRO: Motor Oil/Lube Oil Range Organics

TPH: Total Petroleum Hydrocarbon

': Feet

< 0.048

< 0.047

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

0.099

0.21

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

0.099

0.21

6.5

14



APPENDIX A

Field Notes



		SYSTEM - MONTHLY O&M		
SVE ALARMS:		KO TANK HIGH LEVEL		
OVIE CVCTEM	READING	TIME		
SVE SYSTEM Blower Hours (take photo)	26349.2	1145		
Pre K/O Vacuum (IWC)	-72			
Inlet Rotameter Flow (cfm)	317			
Inlet PID Exhaust PID	44.			
K/O Tank Drum Level				
K/O Liquid Drained (gallons)	8			
Timer Setting	SVE SYS VPH (8015), VOCs (8260), Fixed	STEM - QUARTERLY SAMPLIN SAMPLE TIME: d Gas (CO/CO2/O2)	G	
SAMPLE ID: Analytes: TOPERATING WELLS		SAMPLE TIME:	G	
SAMPLE ID: Analytes: T	VPH (8015), VOCs (8260), Fixed	d Gas (CO/CO2/O2)	FLOW (CFM)	ADJUSTMENTS
SAMPLE ID: Analytes: T OPERATING WELLS Change in Well Operation:	VPH (8015), VOCs (8260), Fixed	SAMPLE TIME:		ADJUSTMENTS
SAMPLE ID: Analytes: T OPERATING WELLS Change in Well Operation: LOCATION SVE01	VPH (8015), VOCs (8260), Fixed	SAMPLE TIME: d Gas (CO/CO2/O2) PID HEADSPACE (PPM)		ADJUSTMENTS
SAMPLE ID: Analytes: T OPERATING WELLS Change in Well Operation:	VPH (8015), VOCs (8260), Fixed	SAMPLE TIME: d Gas (CO/CO2/O2) PID HEADSPACE (PPM)		ADJUSTMENTS
SAMPLE ID: Analytes: T OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	VPH (8015), VOCs (8260), Fixed	SAMPLE TIME: d Gas (CO/CO2/O2) PID HEADSPACE (PPM)		ADJUSTMENTS
SAMPLE ID: Analytes: T OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03	VPH (8015), VOCs (8260), Fixed	SAMPLE TIME: d Gas (CO/CO2/O2) PID HEADSPACE (PPM)		ADJUSTMENTS

SCOTT 4M SVE SYSTEM

DATE: TIME ONSITE:	1-27	O&M PERSONNEL: _ TIME OFFSITE: _	B Sinclai	
SVE ALARMS:	SVE	KO TANK HIGH LEVEL		
SVE SYSTEM	READING	TIME		
Blower Hours (take photo) Pre K/O Vacuum (IWC) Inlet Rotameter Flow (cfm)	26758.4	1301		
Inlet PID Exhaust PID K/O Tank Drum Level	37.2			
K/O Liquid Drained (gallons) Timer Setting				
SAMPLE ID: Analytes: TOPERATING WELLS	SVE SY CVPH (8015), VOCs (8260), Fixe	STEM - QUARTERLY SAMPLIN SAMPLE TIME: ed Gas (CO/CO2/O2)	NG	
Change in Well Operation:				
SVE01 SVE02 SVE03 SVE04 SVE05	VACUUM (IWC) 59.2	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
SVE06 (OBSERVATION WELL) SVE07 (OBSERVATION WELL)				
COMMENTS/OTHER MAINTENA	NCE:			

	SV	E SYSTEM - MONTHLY O&M		
SVE ALARMS:		KO TANK HIGH LEVEL		
SVE SYSTEM	READING	TIME		
Blower Hours (take photo) Fre K/O Vacuum (IWC) Inlet Rotameter Flow (cfm) Inlet PID	27094,4	TIME 1309		
Exhaust PID K/O Tank Drum Level K/O Liquid Drained (gallons) Timer Setting	10.0			
SAMPLE ID:	SVE-1	SAMPLE TIME: /	300	
Analytes: TV OPERATING WELLS	JVE-1 VPH (8015), VOCs (8260), Fix	SAMPLE TIME: / ed Gas (CO/CO2/O2)	300	
Analytes: TV OPERATING WELLS	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01	VPH (8015), VOCs (8260), Fix	ed Gas (CO/CO2/O2)		ADJUSTMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 -SVE02	VACUUM (IWC)	PID HEADSPACE (PPM)		ADJUSTMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 -8VE02 -SVE03	VACUUM (IWC)	PID HEADSPACE (PPM)		ADJUSTMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 -8VE02 -SVE03 SVE04	VACUUM (IWC)	PID HEADSPACE (PPM)		ADJUSTMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04 SVE05 CE06 (ORSERVATION WELL)	VACUUM (IWC)	PID HEADSPACE (PPM)		ADJUSTMENTS
Analytes: TV OPERATING WELLS Change in Well Operation: LOCATION SVE01 SVE02 SVE03 SVE04	VACUUM (IWC)	PID HEADSPACE (PPM)		ADJUSTMENTS

SVE ALARMS:		KO TANK HIGH LEVEL		
		IKO TAIVK HIGH EEVEE		
SVE SYSTEM	READING	TIME		
Blower Hours (take photo)	27479.4	1401		
Pre K/O Vacuum (TWC)	-77			
Inlet Rotameter Flow (cfm)	5			
Inlet PID	58.9			
Exhaust PID	27.7			
K/O Tank Drum Level				
K/O Liquid Drained (gallons)				
Timer Setting				
	CVIE CV	VOTEM OHADTEDI V CAMPI IN	C	
SAMPLE ID:	SVES	YSTEM - QUARTERLY SAMPLIN SAMPLE TIME:		
	PH (8015), VOCs (8260), Fix			
OPERATING WELLS	111 (8015), VOCS (8200), 11A	ted das (CO/CO2/O2)		
OTERATING WEELS				
Change in Well Operation:				
Change in Wen Operation.				
Change in Wen Operation.				
	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
LOCATION SVE01	VACUUM (IWC)		FLOW (CFM)	ADJUSTMENTS
LOCATION SVE01 SVE02			FLOW (CFM)	ADJUSTMENTS
LOCATION SVE01 SVE02 SVE03			FLOW (CFM)	ADJUSTMENTS
LOCATION SVE01 SVE02 SVE03 SVE04			FLOW (CFM)	ADJUSTMENTS
LOCATION SVE01 SVE02 SVE03			FLOW (CFM)	ADJUSTMENTS

DATE: TIME ONSITE:	3-12	O&M PERSONNEL: TIME OFFSITE:	B Sinclair	
	SV	VE SYSTEM - MONTHLY O&M		
SVE ALARMS:		KO TANK HIGH LEVEL		
SVE SYSTEM	READING	TIME		
Blower Hours (take photo)	27815.0	TIME 1936		
Inlet Rotameter Flow (cfm)	774			
Inlet PID	37.3			
Exhaust PID	15.4			
K/O Tank Drum Level K/O Liquid Drained (gallons)				
Timer Setting				
	SVES	YSTEM - QUARTERLY SAMPLII	NG.	
SAMPLE ID:		SAMPLE TIME:	NG	
OPERATING WELLS	VPH (8015), VOCs (8260), Fix	ked Gas (CO/CO2/O2)		
OT LICITING WELLS				
Change in Well Operation:				
LOCATION	VACUUM (IWC)	PID HEADSPACE (PPM)	FLOW (CFM)	ADJUSTMENTS
SVE01 SVE02	45.1	55.2		ADJUSTNIENTS
SVE02 SVE03				AND STATE OF THE S
SVE04	4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
SVE05				
SVE06 (OBSERVATION WELL) SVE07 (OBSERVATION WELL)				
COMMENTS/OTHER MAINTENAN	CE:			

Received by OCD: 4/15/2025 1:52:19 PM

Released to Imaging: 4/24/2025 9:13:15 AM

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	3/31/25	O&M PERSONNEL: TIME OFFSITE:		
TIME ONSITE:				
	SV	E SYSTEM - MONTHLY O	OC.MI	
SVE ALARMS:		KO TANK HIGH LEVEL		
SVE SYSTEM	READING	TIME	TIMER SE	
Blower Hours (take photo)	28767.0		Month	Times
Voltage In	347.0		January	
Amperage In	5.72		February	
Voltage Out	231		March	
Amperage Out			April	
KiloWatts			May	
KiloWatt-Hours			June	
Solar Controller Status	THE PROPERTY OF STREET		July	
Pre K/O Vacuum (IWC)	57.5		August	
Inlet Rotameter Flow (cfm)	>10		September	
Inlet PID (ppm)	4.0		October	*
Exhaust PID (ppm)	7.5		November	
Solar Panel Angle			December	
K/O Tank Drum Level	enoty	The state of the s		
K/O Liquid Drained (gallons)				
Timer Setting	TABLE TELL ALTON			
	THE RESIDENCE OF THE PARTY OF T			
	SVE SY	YSTEM - QUARTERLY SA	MPLING	TO PETER COLLEGE
SAMPLE ID:		SAMPLE TIME:		
	PH (8015), VOCs (8260), Fixe			
OPERATING WELLS	111 (0010), 1000 (0200), 100			
OI DIGITATO VI BIBLO				
Change in Well Operation:				
LOCATION	VACUUM (IWC)	VELOCITY (fpm)	PID HEADSPACE (PPM)	ADJUS
SVE01	55.6	>10	15.8	
SVE02	255			
SVE02	A 68			
SVE03	OPC			
	O 9 C			
SVE05	031			
SVE06 (OBSERVATION WELL)				
SVE07 (OBSERVATION WELL)				
COMMENTS/OTHER MAINTENANC	E:			
Replaced somple 11900				
Replaced sample lives Fluined sveor line				



APPENDIX B

Project Photographs

PROJECT PHOTOGRAPHS

Scott 4M San Juan County, New Mexico Hilcorp Energy Company

Photograph 1

Runtime meter taken on December 18, 2024 at 12:55 PM Hours = 25,798.4



Photograph 2

Runtime meter taken on March 31, 2025 at 2:21 PM Hours = 28,267.0





APPENDIX C

Vapor Sample Laboratory Analytical Reports

Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/28/2025 3:48:17 PM

JOB DESCRIPTION

Scott 4M

JOB NUMBER

885-19666-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109

Released to Imaging: 4/24/2025 9:13:15 AM

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 2/28/2025 3:48:17 PM

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

Page 2 of 24 2/28/2025 Client: Hilcorp Energy
Laboratory Job ID: 885-19666-1
Project/Site: Scott 4M

Table of Contents

Cover Page	1
Table of Contents	3
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Case Narrative	5
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QC Sample Results	8
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Subcontract Data	16
Chain of Custody	23
Receipt Checklists	24

Definitions/Glossary

Client: Hilcorp Energy Job ID: 885-19666-1 Project/Site: Scott 4M

Glossarv

DL, RA, RE, IN

Ciossary	
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)

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) Most Probable Number MPN 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

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Case Narrative

Client: Hilcorp Energy Job ID: 885-19666-1 Project: Scott 4M

Job ID: 885-19666-1 Eurofins Albuquerque

Job Narrative 885-19666-1

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 2/11/2025 7:20 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 10.4°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

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.

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Job ID: 885-19666-1

Client: Hilcorp Energy Project/Site: Scott 4M

Client Sample ID: SVE-1

Lab Sample ID: 885-19666-1

Matrix: Air

Date Collected: 02/10/25 13:00 Date Received: 02/11/25 07:20 Sample Container: Tedlar Bag 1L

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

Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics IC6 -	120	25	ua/l			02/20/25 17:34	5

C10]

Surrogate	%Recovery Qualifier	Limits	Prepared Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103	52 - 172	02/20/25 17:34	5

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	0.50	ug/L			02/20/25 17:34	- 5
1,1,1-Trichloroethane	ND	0.50	ug/L			02/20/25 17:34	5
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L			02/20/25 17:34	5
1,1,2-Trichloroethane	ND	0.50	ug/L			02/20/25 17:34	5
1,1-Dichloroethane	ND	0.50	ug/L			02/20/25 17:34	5
1,1-Dichloroethene	ND	0.50	ug/L			02/20/25 17:34	5
1,1-Dichloropropene	ND	0.50	ug/L			02/20/25 17:34	5
1,2,3-Trichlorobenzene	ND	0.50	ug/L			02/20/25 17:34	5
1,2,3-Trichloropropane	ND	1.0	ug/L			02/20/25 17:34	5
1,2,4-Trichlorobenzene	ND	0.50	ug/L			02/20/25 17:34	5
1,2,4-Trimethylbenzene	ND	0.50	ug/L			02/20/25 17:34	5
1,2-Dibromo-3-Chloropropane	ND	1.0	ug/L			02/20/25 17:34	5
1,2-Dibromoethane (EDB)	ND	0.50	ug/L			02/20/25 17:34	5
1,2-Dichlorobenzene	ND	0.50	ug/L			02/20/25 17:34	5
1,2-Dichloroethane (EDC)	ND	0.50	ug/L			02/20/25 17:34	5
1,2-Dichloropropane	ND	0.50	ug/L			02/20/25 17:34	5
1,3,5-Trimethylbenzene	ND	0.50	ug/L			02/20/25 17:34	5
1,3-Dichlorobenzene	ND	0.50	ug/L			02/20/25 17:34	5
1,3-Dichloropropane	ND	0.50	ug/L			02/20/25 17:34	5
1,4-Dichlorobenzene	ND	0.50	ug/L			02/20/25 17:34	5
1-Methylnaphthalene	ND	2.0	ug/L			02/20/25 17:34	5
2,2-Dichloropropane	ND	1.0	ug/L			02/20/25 17:34	
2-Butanone	ND	5.0	ug/L			02/20/25 17:34	5
2-Chlorotoluene	ND	0.50	ug/L			02/20/25 17:34	5
2-Hexanone	ND	5.0	ug/L			02/20/25 17:34	5
2-Methylnaphthalene	ND	2.0	ug/L			02/20/25 17:34	5
4-Chlorotoluene	ND	0.50	ug/L			02/20/25 17:34	5
4-Isopropyltoluene	ND	0.50	ug/L			02/20/25 17:34	5
4-Methyl-2-pentanone	ND	5.0	ug/L			02/20/25 17:34	5
Acetone	ND	5.0	ug/L			02/20/25 17:34	5
Benzene	ND	0.50	ug/L			02/20/25 17:34	5
Bromobenzene	ND	0.50	ug/L			02/20/25 17:34	5
Bromodichloromethane	ND	0.50	ug/L			02/20/25 17:34	5
Dibromochloromethane	ND	0.50	ug/L			02/20/25 17:34	
Bromoform	ND	0.50	ug/L			02/20/25 17:34	5
Bromomethane	ND	1.5	ug/L			02/20/25 17:34	5
Carbon disulfide	ND	5.0	ug/L			02/20/25 17:34	5
Carbon tetrachloride	ND	0.50	ug/L			02/20/25 17:34	5
Chlorobenzene	ND	0.50	ug/L			02/20/25 17:34	5
Chloroethane	ND	1.0	ug/L			02/20/25 17:34	
Chloroform	ND	0.50	ug/L			02/20/25 17:34	5

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Released to Imaging: 4/24/2025 9:13:15 AM

Job ID: 885-19666-1

Client: Hilcorp Energy Project/Site: Scott 4M

Toluene-d8 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Client Sample ID: SVE-1

Date Collected: 02/10/25 13:00 Date Received: 02/11/25 07:20

Sample Container: Tedlar Bag 1L

Lab Sample ID: 885-19666-1

Matrix: Air

Air

5

7

9

11

12

5

5

5

Method: SW846 8260B - Vo Analyte	_	Qualifier	` RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.5	ug/L		· ·	02/20/25 17:34	5
cis-1,2-Dichloroethene	ND		0.50	ug/L			02/20/25 17:34	5
cis-1,3-Dichloropropene	ND		0.50	ug/L			02/20/25 17:34	5
Dibromomethane	ND		0.50	ug/L			02/20/25 17:34	5
Dichlorodifluoromethane	ND		0.50	ug/L			02/20/25 17:34	5
Ethylbenzene	ND		0.50	ug/L			02/20/25 17:34	5
Hexachlorobutadiene	ND		0.50	ug/L			02/20/25 17:34	5
Isopropylbenzene	ND		0.50	ug/L			02/20/25 17:34	5
Methyl-tert-butyl Ether (MTBE)	ND		0.50	ug/L			02/20/25 17:34	5
Methylene Chloride	ND		1.5	ug/L			02/20/25 17:34	5
n-Butylbenzene	ND		1.5	ug/L			02/20/25 17:34	5
N-Propylbenzene	ND		0.50	ug/L			02/20/25 17:34	5
Naphthalene	ND		1.0	ug/L			02/20/25 17:34	5
sec-Butylbenzene	ND		0.50	ug/L			02/20/25 17:34	5
Styrene	ND		0.50	ug/L			02/20/25 17:34	5
tert-Butylbenzene	ND		0.50	ug/L			02/20/25 17:34	5
Tetrachloroethene (PCE)	ND		0.50	ug/L			02/20/25 17:34	5
Toluene	2.4		0.50	ug/L			02/20/25 17:34	5
trans-1,2-Dichloroethene	ND		0.50	ug/L			02/20/25 17:34	5
trans-1,3-Dichloropropene	ND		0.50	ug/L			02/20/25 17:34	5
Trichloroethene (TCE)	ND		0.50	ug/L			02/20/25 17:34	5
Trichlorofluoromethane	ND		0.50	ug/L			02/20/25 17:34	5
Vinyl chloride	ND		0.50	ug/L			02/20/25 17:34	5
Xylenes, Total	3.8		0.75	ug/L			02/20/25 17:34	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		70 - 130		•		02/20/25 17:34	5
								_

70 - 130

70 - 130

70 - 130

100

101

102

02/20/25 17:34

02/20/25 17:34

02/20/25 17:34

Client: Hilcorp Energy Job ID: 885-19666-1 Project/Site: Scott 4M

Prep Type: Total/NA

Client Sample ID: Method Blank

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

Lab Sample ID: MB 885-21167/5

Matrix: Air

Analysis Batch: 21167

MB MB

Result Qualifier RL Unit D Analyzed Dil Fac Analyte **Prepared** 5.0 02/20/25 13:52 Gasoline Range Organics [C6 - C10] ND ug/L

MB MB

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 52 - 172 02/20/25 13:52 98

Lab Sample ID: LCS 885-21167/4 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

542

Matrix: Air

Analysis Batch: 21167

LCS LCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits

500

Gasoline Range Organics [C6 -C10]

LCS LCS

Limits Surrogate %Recovery Qualifier 4-Bromofluorobenzene (Surr) 103 52 - 172

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

Lab Sample ID: MB 885-21168/4

Matrix: Air

Analysis Batch: 21168

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

ug/L

108

70 - 130

мв мв

	IVID	IVID						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.10	ug/L			02/20/25 13:52	1
1,1,1-Trichloroethane	ND		0.10	ug/L			02/20/25 13:52	1
1,1,2,2-Tetrachloroethane	ND		0.20	ug/L			02/20/25 13:52	1
1,1,2-Trichloroethane	ND		0.10	ug/L			02/20/25 13:52	1
1,1-Dichloroethane	ND		0.10	ug/L			02/20/25 13:52	1
1,1-Dichloroethene	ND		0.10	ug/L			02/20/25 13:52	1
1,1-Dichloropropene	ND		0.10	ug/L			02/20/25 13:52	1
1,2,3-Trichlorobenzene	ND		0.10	ug/L			02/20/25 13:52	1
1,2,3-Trichloropropane	ND		0.20	ug/L			02/20/25 13:52	1
1,2,4-Trichlorobenzene	ND		0.10	ug/L			02/20/25 13:52	1
1,2,4-Trimethylbenzene	ND		0.10	ug/L			02/20/25 13:52	1
1,2-Dibromo-3-Chloropropane	ND		0.20	ug/L			02/20/25 13:52	1
1,2-Dibromoethane (EDB)	ND		0.10	ug/L			02/20/25 13:52	1
1,2-Dichlorobenzene	ND		0.10	ug/L			02/20/25 13:52	1
1,2-Dichloroethane (EDC)	ND		0.10	ug/L			02/20/25 13:52	1
1,2-Dichloropropane	ND		0.10	ug/L			02/20/25 13:52	1
1,3,5-Trimethylbenzene	ND		0.10	ug/L			02/20/25 13:52	1
1,3-Dichlorobenzene	ND		0.10	ug/L			02/20/25 13:52	1
1,3-Dichloropropane	ND		0.10	ug/L			02/20/25 13:52	1
1,4-Dichlorobenzene	ND		0.10	ug/L			02/20/25 13:52	1
1-Methylnaphthalene	ND		0.40	ug/L			02/20/25 13:52	1
2,2-Dichloropropane	ND		0.20	ug/L			02/20/25 13:52	1
2-Butanone	ND		1.0	ug/L			02/20/25 13:52	1
2-Chlorotoluene	ND		0.10	ug/L			02/20/25 13:52	1
2-Hexanone	ND		1.0	ug/L			02/20/25 13:52	1

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QC Sample Results

Client: Hilcorp Energy Job ID: 885-19666-1 Project/Site: Scott 4M

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

MB MB

Lab Sample ID: MB 885-21168/4

Matrix: Air

Analysis Batch: 21168

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	Result	Qualifier	RL	Unit	D Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.40	ug/L	<u> </u>	02/20/25 13:52	1
4-Chlorotoluene	ND		0.10	ug/L		02/20/25 13:52	1
4-Isopropyltoluene	ND		0.10	ug/L		02/20/25 13:52	1
4-Methyl-2-pentanone	ND		1.0	ug/L		02/20/25 13:52	1
Acetone	ND		1.0	ug/L		02/20/25 13:52	1
Benzene	ND		0.10	ug/L		02/20/25 13:52	1
Bromobenzene	ND		0.10	ug/L		02/20/25 13:52	1
Bromodichloromethane	ND		0.10	ug/L		02/20/25 13:52	1
Dibromochloromethane	ND		0.10	ug/L		02/20/25 13:52	1
Bromoform	ND		0.10	ug/L		02/20/25 13:52	1
Bromomethane	ND		0.30	ug/L		02/20/25 13:52	1
Carbon disulfide	ND		1.0	ug/L		02/20/25 13:52	1
Carbon tetrachloride	ND		0.10	ug/L		02/20/25 13:52	1
Chlorobenzene	ND		0.10	ug/L		02/20/25 13:52	1
Chloroethane	ND		0.20	ug/L		02/20/25 13:52	1
Chloroform	ND		0.10	ug/L		02/20/25 13:52	1
Chloromethane	ND		0.30	ug/L		02/20/25 13:52	1
cis-1,2-Dichloroethene	ND		0.10	ug/L		02/20/25 13:52	1
cis-1,3-Dichloropropene	ND		0.10	ug/L		02/20/25 13:52	1
Dibromomethane	ND		0.10	ug/L		02/20/25 13:52	1
Dichlorodifluoromethane	ND		0.10	ug/L		02/20/25 13:52	1
Ethylbenzene	ND		0.10	ug/L		02/20/25 13:52	1
Hexachlorobutadiene	ND		0.10	ug/L		02/20/25 13:52	1
Isopropylbenzene	ND		0.10	ug/L		02/20/25 13:52	1
Methyl-tert-butyl Ether (MTBE)	ND		0.10	ug/L		02/20/25 13:52	1
Methylene Chloride	ND		0.30	ug/L		02/20/25 13:52	1
n-Butylbenzene	ND		0.30	ug/L		02/20/25 13:52	1
N-Propylbenzene	ND		0.10	ug/L		02/20/25 13:52	1
Naphthalene	ND		0.20	ug/L		02/20/25 13:52	1
sec-Butylbenzene	ND		0.10	ug/L		02/20/25 13:52	1
Styrene	ND		0.10	ug/L		02/20/25 13:52	1
tert-Butylbenzene	ND		0.10	ug/L		02/20/25 13:52	1
Tetrachloroethene (PCE)	ND		0.10	ug/L		02/20/25 13:52	1
Toluene	ND		0.10	ug/L		02/20/25 13:52	1
trans-1,2-Dichloroethene	ND		0.10	ug/L		02/20/25 13:52	1
trans-1,3-Dichloropropene	ND		0.10	ug/L		02/20/25 13:52	1
Trichloroethene (TCE)	ND		0.10	ug/L		02/20/25 13:52	1
Trichlorofluoromethane	ND		0.10	ug/L		02/20/25 13:52	1
Vinyl chloride	ND		0.10	ug/L		02/20/25 13:52	1
Xylenes, Total	ND		0.15	ug/L		02/20/25 13:52	1

MB MB

Surrogate	%Recovery Q	Qualifier Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111	70 - 130		02/20/25 13:52	1
Toluene-d8 (Surr)	96	70 - 130		02/20/25 13:52	1
4-Bromofluorobenzene (Surr)	96	70 - 130		02/20/25 13:52	1
Dibromofluoromethane (Surr)	103	70 - 130		02/20/25 13:52	1

Eurofins Albuquerque

Released to Imaging: 4/24/2025 9:13:15 AM

QC Sample Results

Client: Hilcorp Energy Job ID: 885-19666-1 Project/Site: Scott 4M

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

Lab Sample ID: LCS 885-21168/3

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Matrix: Air Analysis Batch: 21168

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1-Dichloroethene	20.1	18.0		ug/L		90	70 - 130	
Benzene	20.1	19.7		ug/L		98	70 - 130	
Chlorobenzene	20.1	18.8		ug/L		94	70 - 130	
Toluene	20.2	18.4		ug/L		91	70 - 130	
Trichloroethene (TCE)	20.2	18.9		ug/L		94	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
Toluene-d8 (Surr)	95		70 - 130
4-Bromofluorobenzene (Surr)	97		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130

QC Association Summary

Client: Hilcorp Energy

Job ID: 885-19666-1

Project/Site: Scott 4M

GC/MS VOA

Analysis Batch: 21167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-19666-1	SVE-1	Total/NA	Air	8015M/D	
MB 885-21167/5	Method Blank	Total/NA	Air	8015M/D	
LCS 885-21167/4	Lab Control Sample	Total/NA	Air	8015M/D	

Analysis Batch: 21168

Lab Sample ID 885-19666-1	Client Sample ID SVE-1	Prep Type Total/NA	Matrix Air	Method 8260B	Prep Batch
MB 885-21168/4	Method Blank	Total/NA	Air	8260B	
LCS 885-21168/3	Lab Control Sample	Total/NA	Air	8260B	

Eurofins Albuquerque

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Lab Chronicle

Client: Hilcorp Energy Job ID: 885-19666-1

Project/Site: Scott 4M

Client Sample ID: SVE-1 Lab Sample ID: 885-19666-1 Date Collected: 02/10/25 13:00

Matrix: Air

Date Received: 02/11/25 07:20

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	8015M/D		5	21167	СМ	EET ALB	02/20/25 17:34
Total/NA	Analysis	8260B		5	21168	CM	EET ALB	02/20/25 17:34

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

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-19666-1 Project/Site: Scott 4M

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, NM0901	02-26-25

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
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: 885-19666-1

Project/Site: Scott 4M

Laboratory: Eurofins Albuquerque (Continued)

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

ıthority	Program		Identification Number Expiration Date
The following analytes	are included in this report,	but the laboratory is r	not certified by the governing authority. This list may include analyte
for which the agency of	loes 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 (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
egon	NELAP		NM100001 02-25-25

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: 885-19666-1 Project/Site: Scott 4M

Laboratory: Eurofins Albuquerque (Continued)

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

ority	Progra	am	Identification Number Expiration Date
• •	The following analytes are included in this report, but the laboratory is not certif for which the agency does not offer certification.		not certified by the governing authority. This list may include analy
Analysis Method	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			Carbon tetrachloride
		Air	Chlorobenzene
8260B		Air	
8260B		Air	Chloreform
8260B		Air	Chloroform
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

ANALYTICAL SUMMARY REPORT

February 13, 2025

Eurofins TestAmerica - Albuquerque 4901 Hawkins St NE Ste D Albuquerque, NM 87109-4372

Work Order: B25020580 Quote ID: B15626

Project Name: Scott 4M - 88501698

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 2/12/2025 for analysis.

Lab ID	Client Sample ID	Collect Date Receive Date	Matri x	Test
B25020580-001	SVE-1 (885-19666-1)	02/10/25 13:00 02/12/25	Air	Air Correction Calculations Appearance and Comments Calculated Properties GPM @ std cond,/1000 cu. ft., moist Free Natural Gas Analysis Specific Gravity @ 60/60

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.

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Report Date: 02/13/25

LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

Client: Eurofins TestAmerica - Albuquerque

Project: Scott 4M - 88501698 Lab ID: B25020580-001 Client Sample ID: SVE-1 (885-19666-1)

Collection Date: 02/10/25 13:00 DateReceived: 02/12/25 Matrix: Air

					MCL/		
Analyses	Result	Units	Qualifiers	RL	QCL	Method	Analysis Date / By
0.4.0 011001447000401111 45141 1/010 00							
GAS CHROMATOGRAPHY ANALYSIS RE	_						
Oxygen		Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Nitrogen		Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Carbon Dioxide		Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Hydrogen Sulfide		Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Methane		Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Ethane	0.09	Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Propane	0.03	Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Isobutane	0.01	Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
n-Butane	0.01	Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Isopentane	<0.01	Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
n-Pentane	<0.01	Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Hexanes plus	<0.01	Mol %		0.01		GPA 2261-13	02/13/25 10:54 / jrj
Propane	0.008	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
Isobutane	0.003	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
n-Butane	0.003	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
Isopentane	< 0.001	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
n-Pentane	< 0.001	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
Hexanes plus	< 0.001	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
GPM Total	0.015	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
GPM Pentanes plus	< 0.001	gpm		0.001		GPA 2261-13	02/13/25 10:54 / jrj
CALCULATED PROPERTIES							
Gross BTU per cu ft @ Std Cond. (HHV)	21			1		GPA 2261-13	02/13/25 10:54 / jrj
Net BTU per cu ft @ std cond. (LHV)	19			1		GPA 2261-13	02/13/25 10:54 / jrj
Pseudo-critical Pressure, psia	546			1		GPA 2261-13	02/13/25 10:54 / jrj
Pseudo-critical Temperature, deg R	241			1		GPA 2261-13	02/13/25 10:54 / jrj
Specific Gravity @ 60/60F	0.990			0.001		D3588-81	02/13/25 10:54 / jrj
Air, % - The analysis was not corrected for air.	94.09			0.01		GPA 2261-13	02/13/25 10:54 / jrj

COMMENTS

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

RL - Analyte Reporting Limit MCL - Maximum Contaminant Level Report

Definitions: QCL - Quality Control Limit ND - Not detected at the Reporting Limit (RL)

02/13/25 10:54 / jrj

⁻ 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.

QA/QC Summary Report Prepared by Billings, MT Branch

Work Order: B25020580	Report Date: 02/13/25
TOTA GIGGI BECCECCCC	110 po: 1 Dato: 02, 10, 20

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Analyte		Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method:	GPA 2261-13									Batch:	R436824
Lab ID:	B25020581-001ADUP	12 Sar	mple Duplic	ate			Run: GC789	90_250213A		02/13/	/25 12:46
Oxygen			21.3	Mol %	0.01				0.7	20	
Nitrogen			78.5	Mol %	0.01				0.2	20	
Carbon D	ioxide		0.18	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	е		<0.01	Mol %	0.01					20	
n-Pentane	e		<0.01	Mol %	0.01					20	
Hexanes _l	plus		<0.01	Mol %	0.01					20	
Lab ID:	LCS021325	11 Lab	oratory Co	ntrol Sample			Run: GC789	90_250213A		02/13/	/25 14:25
Oxygen			0.64	Mol %	0.01	128	70	130			
Nitrogen			6.22	Mol %	0.01	104	70	130			
Carbon D	ioxide		0.99	Mol %	0.01	100	70	130			
Methane			74.5	Mol %	0.01	100	70	130			
Ethane			6.06	Mol %	0.01	101	70	130			
Propane			5.04	Mol %	0.01	102	70	130			
Isobutane			1.76	Mol %	0.01	88	70	130			
n-Butane			2.00	Mol %	0.01	100	70	130			
Isopentan	е		0.99	Mol %	0.01	99	70	130			
n-Pentane	e		1.00	Mol %	0.01	100	70	130			
Hexanes _l	plus		0.79	Mol %	0.01	99	70	130			

Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)

Work Order Receipt Checklist

Eurofins TestAmerica - Albuquerque B25020580

Login completed by: Kyelie L. Pflock	Date Received: 2/12/2025								
Reviewed by: gmccartney		Rece	eived by: LEL						
Reviewed Date: 2/13/2025		Carri	er name: FedEx NDA						
Shipping container/cooler in good condition?	Yes 🗸	No 🗌	Not Present						
Custody seals intact on all shipping container(s)/cooler(s)?	Yes √	No 🗌	Not Present						
Custody seals intact on all sample bottles?	Yes	No 🗌	Not Present ✓						
Chain of custody present?	Yes ✓	No 🗌							
Chain of custody signed when relinquished and received?	Yes ✓	No 🗌							
Chain of custody agrees with 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 holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes ✓	No 🗌							
Temp Blank received in all shipping container(s)/cooler(s)?	Yes	No 🗹	Not Applicable						
Container/Temp Blank temperature:	3.6°C No Ice								
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	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



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Laboratory Certifications and Accreditations

Current certificates are available at www.energylab.com website:

	Agency	Number					
	Alaska	17-023					
	California	3087					
	Colorado	MT00005					
	Department of Defense (DoD)/ISO17025	ADE-2588					
Billings, MT	Florida (Primary NELAP)	E87668					
	Idaho	MT00005					
d	Louisiana	05079					
ANAB	Montana	CERT0044					
ARSI National Accimination Where ACCREDITED	Nebraska	NE-OS-13-04					
TESTING LARGRATORY	Nevada	NV-C24-00250					
ALCON.	North Dakota	R-007					
	National Radon Proficiency	109383-RMP					
700	Oregon	4184					
ADDRATOR.	South Dakota	ARSD 74:04:07					
	Texas	TX-C24-00302					
	US EPA Region VIII	Reciprocal					
	USDA Soil Permit	P330-20-00170					
	Washington	C1039					
	Alaska	20-006					
	California	3021					
	Colorado	WY00002					
	Florida (Primary NELAP)	E87641					
	Idaho	WY00002					
	Louisiana	05083					
Casper, WY	Montana	CERT0002					
No acceso	Nebraska	NE-OS-08-04					
	Nevada	NV-C24-00245					
Sacrator S	North Dakota	R-125					
	Oregon	WY200001					
	South Dakota	WY00002					
	Texas	T104704181-23-21					
	US EPA Region VIII	WY00002					
	USNRC License	49-26846-01					
	Washington	C1012					
Gillette, WY	US EPA Region VIII	WY00006					
	Colorado	MT00945					
lelena, MT	Montana	CERT0079					
CONTROL CONTROL	Nevada	NV-C24-00119					
	US EPA Region VIII	Reciprocal					
	USDA Soil Permit	P330-20-00090					

Eurofins Albuquerque

4901 Hawkins NE

Albuquerque, NM 87109

Chain of Custody Record

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nvironment Testing

Phone: 505-345-3975 Fax: 505-345-4107												5.	9.7	5						Livitorii	nem resum
Client Information (Sub Contract Lab)	Sampler: N/A			G	ab PM: Sarcia,		helle						arrier Ti	racking	g No(s):	į.			COC No: 885-3857.1		
Client Contact: Shipping/Receiving Company:	Phone: N/A							get.eur				State of Origin: New Mexico							Page: Page 1 of 1		
nergy Laboratories, Inc.								Require regon;			Mexi	со							Job #: 885-19666-1		
Address: 1120 South 27th Street,	Due Date Request 2/18/2025	ted:			Analysis Requeste														Preservation Co	odes:	
City: Billings	TAT Requested (d								T	laiya	10 1	tegu	ester								
State, Zip: MT, 59101		N/A	X																		
Phone: 406-252-6325(Tel)	PO #: N/A				(6																
Email: N/A	WO #: N/A				or No	0	se														
Project Name: Scott 4M	Project #: 88501698				e (Yes	SD (Yes or No)	Gases)/ Fixed Gases											tainers			
Site: N/A	SSOW#: N/A				Samp	SD (Y	s)/Fix											3335a (1988)	Other:		
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	(W=water,	old Filte	NS.	SUB (Fixed Gase											Total Number o	N/A Special II	nstructions/	/Note:
		> <	Preserv	ation Code:	X	X												X		isu dediction.	Note.
SVE-1 (885-19666-1)	2/10/25	13:00 Mountain	G	Air			х		1									1	See Attached Ins	tryctions 502059	30
					+	H			+		_	+			\vdash	_					
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					+		-		+		1	+	+	-		-					
					+						-	+	+		\vdash	\dashv		+			
Note: Since laboratory accreditations are subject to change, Eurofins Envi laboratory does not currently maintain accreditation in the State of Origin I accreditation status should be brought to Eurofins Environment Testing So																					
Possible Hazard Identification						Sam	nple L	Dispos	sal (A	fee ma	ay be	e asse	essed	if sai	mples				d longer than 1		
Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify)	Primary Delivera	able Rank: 2	2		\dashv			nstructi			uiren	Dispo	osal B	ly Lat	ь		Arc	chive	e For	Months	
Empty Kit Relinquished by:		Date:			Tim			No Water or			Jin C.	10,110	-	and of	Shipme	nt.	_				
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1 Tedlar Bag 1L

 Subcontract Method Instructions

 Sample IDs
 Method
 Method Description

 1
 SUBCONTRACT
 SUBCONTRACT
 SUBCONTRACT

Method Comments Fixed Gases

Preservative None

Page 7 of 7 2/28/2025

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		, samples sut	omitted to Hall Environmental may be sub-	contracted to other a	ccredited laboratorio	es This serves as notice of this	s possi	ibility	Any sı	ıb-con	tracted	data w	ill be o	learly	notate	ed on t	the anal	ytical re	port		-





Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-19666-1

Login Number: 19666 List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

oroator: modulotori, otovori		
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 tampered 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	
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	

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APPENDIX D

Performance Soil Sample Laboratory Analytical Reports **Environment Testing**

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/3/2025 9:03:49 AM

JOB DESCRIPTION

Scott 4M

JOB NUMBER

885-22076-1

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 4/3/2025 9:03:49 AM

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

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Client: Hilcorp Energy
Laboratory Job ID: 885-22076-1
Project/Site: Scott 4M

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Client Sample Results	
QC Sample Results	13
QC Association Summary	16
Lab Chronicle	18
Certification Summary	20
Chain of Custody	21
Receipt Checklists	22

Definitions/Glossary

Job ID: 885-22076-1 Client: Hilcorp Energy

Qualifiers

Project/Site: Scott 4M

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Qualifier **Qualifier Description** MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

F2 MS/MSD RPD exceeds control limits

S1+ Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualitier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not
	applicable.

Glossary

C.000 a.,	
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) EPA recommended "Maximum Contaminant Level" MCL

Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

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

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

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) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Eurofins Albuquerque

Case Narrative

Client: Hilcorp Energy Job ID: 885-22076-1 Project: Scott 4M

Job ID: 885-22076-1 **Eurofins Albuquerque**

> Job Narrative 885-22076-1

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 samples were received on 3/26/2025 7:00 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 5.3°C.

Gasoline Range Organics

Method 8015D GRO: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-23217 and analytical batch 885-23544 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015D GRO: Surrogate recovery for the following samples were outside control limits: BH09@15' (885-22076-1), BH09@25' (885-22076-2), BH09@40' (885-22076-3) and BH09@45' (885-22076-4). 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 VOA

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

Diesel Range Organics

Method 8015D_DRO: Surrogate recovery for the following sample is outside the upper control limit: (CCV 885-23268/87). Due to the high bias found in these CCV, associated samples with passing surrogate will be reported and any samples with hits for target analytes with high surrogate will be reran.

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

Eurofins Albuquerque

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Surrogate

4-Bromofluorobenzene (Surr)

Client Sample ID: BH09@15' Lab Sample ID: 885-22076-1 Date Collected: 03/24/25 12:46

%Recovery Qualifier

159 S1+

Matrix: Solid

Analyzed

04/01/25 21:57

Prepared

03/27/25 13:09

Date Received: 03/26/25 07:00

Method: SW846 8015M/D - Gaso	oline Range Org	anics (GRC)) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	210	F2	5.0	mg/Kg		03/27/25 13:09	04/01/25 21:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	262	S1+	35 - 166			03/27/25 13:09	04/01/25 21:57	1
_ Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025			00/07/05 40:00	04/04/05 04:57	
	שאו		0.023	mg/Kg		03/27/25 13:09	04/01/25 21:57	1
Ethylbenzene	1.0		0.050	mg/Kg mg/Kg		03/27/25 13:09	04/01/25 21:57	1 1
Ethylbenzene Toluene				5 5				1 1 1

Mothod: SW946 9045M/D. Dioco	I Banga Organ	ica (DBO) (CC)					
Method: SW846 8015M/D - Diesel Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	360		9.3	mg/Kg		03/28/25 11:29	03/28/25 19:47	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		03/28/25 11:29	03/28/25 19:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			03/28/25 11:29	03/28/25 19:47	1

Limits

48 - 145

Dil Fac

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Surrogate

Di-n-octyl phthalate (Surr)

Client Sample ID: BH09@25' Lab Sample ID: 885-22076-2 Date Collected: 03/24/25 13:01

Matrix: Solid

Prepared

03/28/25 11:29

Analyzed

03/28/25 20:22

Dil Fac

Date Received: 03/26/25 07:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	22		5.0	mg/Kg		03/27/25 13:09	04/01/25 23:02	1
C10]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	201	S1+	35 - 166			03/27/25 13:09	04/01/25 23:02	1
Method: SW846 8021B - Volatile (Organic Comp	ounds (GC)						
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		03/27/25 13:09	04/01/25 23:02	1
Ethylbenzene	0.058		0.050	mg/Kg		03/27/25 13:09	04/01/25 23:02	1
Toluene	ND		0.050	mg/Kg		03/27/25 13:09	04/01/25 23:02	1
Xylenes, Total	0.12		0.10	mg/Kg		03/27/25 13:09	04/01/25 23:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		48 - 145			03/27/25 13:09	04/01/25 23:02	1
Method: SW846 8015M/D - Diesel	Range Organ	ics (DRO) (GC)					
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	23		9.1	mg/Kg		03/28/25 11:29	03/28/25 20:22	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		03/28/25 11:29	03/28/25 20:22	

Limits

62 - 134

%Recovery Qualifier

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Di-n-octyl phthalate (Surr)

Released to Imaging: 4/24/2025 9:13:15 AM

Client Sample ID: BH09@40' Lab Sample ID: 885-22076-3

112

Date Collected: 03/24/25 13:50 Matrix: Solid

Date Received: 03/26/25 07:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	66		4.8	mg/Kg		03/27/25 13:09	04/02/25 00:07	1
C10]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	35 - 166			03/27/25 13:09	04/02/25 00:07	1
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	mg/Kg		03/27/25 13:09	04/02/25 00:07	1
Ethylbenzene	0.21		0.048	mg/Kg		03/27/25 13:09	04/02/25 00:07	1
Toluene	ND		0.048	mg/Kg		03/27/25 13:09	04/02/25 00:07	1
Xylenes, Total	1.0		0.096	mg/Kg		03/27/25 13:09	04/02/25 00:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		48 - 145			03/27/25 13:09	04/02/25 00:07	1
Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	160		9.3	mg/Kg		03/28/25 11:29	03/28/25 20:34	1
Motor Oil Range Organics [C28-C40]	ND		46	mg/Kg		03/28/25 11:29	03/28/25 20:34	1
_						_		
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac

62 - 134

03/28/25 11:29 03/28/25 20:34

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Surrogate

Di-n-octyl phthalate (Surr)

Client Sample ID: BH09@45' Lab Sample ID: 885-22076-4 Date Collected: 03/24/25 14:10

Matrix: Solid

Prepared

03/28/25 11:29

Analyzed

03/28/25 20:45

Dil Fac

Date Received: 03/26/25 07:00

Method: SW846 8015M/D - Gasol Analyte		Qualifier)) (GC) RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	Result	Qualifier	4.6	mg/Kg		03/27/25 13:09	04/02/25 00:29	Dii Pac
C10]	90		4.0	mg/kg		03/21/23 13.09	04/02/23 00.29	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	214	S1+	35 - 166			03/27/25 13:09	04/02/25 00:29	
Method: SW846 8021B - Volatile	Organic Comp	ounds (GC))					
Analyte	•	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	ND		0.023	mg/Kg		03/27/25 13:09	04/02/25 00:29	
Ethylbenzene	0.40		0.046	mg/Kg		03/27/25 13:09	04/02/25 00:29	
Toluene	0.14		0.046	mg/Kg		03/27/25 13:09	04/02/25 00:29	,
Xylenes, Total	3.6		0.093	mg/Kg		03/27/25 13:09	04/02/25 00:29	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	138		48 - 145			03/27/25 13:09	04/02/25 00:29	
Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte		Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Diesel Range Organics [C10-C28]	100		9.3	mg/Kg		03/28/25 11:29	03/28/25 20:45	
Motor Oil Range Organics	78		46	mg/Kg		03/28/25 11:29	03/28/25 20:45	

Limits

62 - 134

%Recovery Qualifier

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Di-n-octyl phthalate (Surr)

Client Sample ID: BH10@25' Lab Sample ID: 885-22076-5 Date Collected: 03/24/25 15:40

Matrix: Solid

03/28/25 11:29 03/28/25 20:57

Date Received: 03/26/25 07:00

Gasoline Range Organics [C6 - C10]	ND			Unit	D	Prepared	Analyzed	Dil Fac
	ND		5.0	mg/Kg		03/27/25 13:09	04/02/25 00:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		35 - 166			03/27/25 13:09	04/02/25 00:51	1
Method: SW846 8021B - Volatile O	rganic Comp	ounds (GC))					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		03/27/25 13:09	04/02/25 00:51	1
Ethylbenzene	ND		0.050	mg/Kg		03/27/25 13:09	04/02/25 00:51	1
Toluene	ND		0.050	mg/Kg		03/27/25 13:09	04/02/25 00:51	1
Xylenes, Total	ND		0.10	mg/Kg		03/27/25 13:09	04/02/25 00:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		48 - 145			03/27/25 13:09	04/02/25 00:51	1
Method: SW846 8015M/D - Diesel F	Range Organ	ics (DRO) ((GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	12		9.1	mg/Kg		03/28/25 11:29	03/28/25 20:57	1
Motor Oil Range Organics [C28-C40]	ND		45	mg/Kg		03/28/25 11:29	03/28/25 20:57	1

62 - 134

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Surrogate

4-Bromofluorobenzene (Surr)

Client Sample ID: BH10@40' Lab Sample ID: 885-22076-6 Date Collected: 03/24/25 16:26

Matrix: Solid

Prepared

03/27/25 13:09

Analyzed

04/02/25 01:12

Date Received: 03/26/25 07:00

Method: SW846 8015M/D - Gase	oline Range Org	anics (GRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 - C10]	6.5		4.8	mg/Kg		03/27/25 13:09	04/02/25 01:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		35 - 166			03/27/25 13:09	04/02/25 01:12	1
_ Method: SW846 8021B - Volatile	Organic Comp	ounds (GC)						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Analyte Benzene	Result ND	Qualifier		Unit mg/Kg	<u>D</u>	Prepared 03/27/25 13:09	Analyzed 04/02/25 01:12	Dil Fac
		Qualifier	RL		<u>D</u>			Dil Fac
Benzene	ND	Qualifier	RL 0.024	mg/Kg	<u>D</u>	03/27/25 13:09	04/02/25 01:12	1 1 1

Method: SW846 8015M/D - Diese	l Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	34		9.4	mg/Kg		03/28/25 11:29	03/28/25 21:08	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/28/25 11:29	03/28/25 21:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	122		62 - 134			03/28/25 11:29	03/28/25 21:08	1

Limits

48 - 145

%Recovery Qualifier

104

Dil Fac

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Surrogate

4-Bromofluorobenzene (Surr)

Date Received: 03/26/25 07:00

Client Sample ID: BH10@45' Lab Sample ID: 885-22076-7 Date Collected: 03/24/25 16:40

Matrix: Solid

Prepared

03/27/25 13:09

Analyzed

04/02/25 01:34

Dil Fac

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics [C6 -	14		4.7	mg/Kg		03/27/25 13:09	04/02/25 01:34	1
C10]								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163		35 - 166			03/27/25 13:09	04/02/25 01:34	1
-		. (00)						
Method: SW846 8021B - Volatile	•	ounds (GC) Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Method: SW846 8021B - Volatile	•	• •		<mark>Unit</mark> mg/Kg	<u>D</u>	Prepared 03/27/25 13:09	Analyzed 04/02/25 01:34	Dil Fac
Method: SW846 8021B - Volatile Analyte	Result	• •	RL		<u>D</u>			Dil Fac 1
Method: SW846 8021B - Volatile Analyte Benzene	Result ND	• •	RL 0.024	mg/Kg	<u>D</u>	03/27/25 13:09	04/02/25 01:34	Dil Fac 1 1 1

Method: SW846 8015M/D - Diese	I Range Organ	ics (DRO) (GC)					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	44		9.3	mg/Kg		03/28/25 11:29	03/28/25 21:32	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		03/28/25 11:29	03/28/25 21:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)			62 - 134			03/28/25 11:29	03/28/25 21:32	1

Limits

48 - 145

%Recovery Qualifier

04/01/25 21:35

Client: Hilcorp Energy Project/Site: Scott 4M

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

Lab Sample ID: MB 885-23217/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 23544

Gasoline Range Organics [C6 - C10]

Prep Batch: 23217 MB MB Result Qualifier RLUnit D Prepared Analyzed Dil Fac

03/27/25 13:09

mg/Kg

MB MB

ND

Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 4-Bromofluorobenzene (Surr) 96 35 - 166 03/27/25 13:09 04/01/25 21:35

5.0

Lab Sample ID: LCS 885-23217/2-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 23544

Prep Batch: 23217 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits 25.0 25.6 102 70 - 130 mg/Kg Gasoline Range Organics [C6 -

C10]

Analyte

%Recovery Qualifier Limits Surrogate 211 35 - 166 4-Bromofluorobenzene (Surr)

Lab Sample ID: 885-22076-1 MS Client Sample ID: BH09@15' Prep Type: Total/NA

Matrix: Solid

Analysis Batch: 23544

Prep Batch: 23217 Sample Sample Spike MS MS Result Qualifier Added Result Qualifier Unit D %Rec Limits

Analyte F2 25.0 -196 Gasoline Range Organics [C6 -210 164 4 mg/Kg 70 - 130C10]

MS MS

LCS LCS

%Recovery Qualifier Limits Surrogate 391 35 - 166

4-Bromofluorobenzene (Surr)

Lab Sample ID: 885-22076-1 MSD **Matrix: Solid**

Analysis Batch: 23544

MSD MSD RPD Sample Sample Spike %Rec Result Qualifier Added Result Qualifier RPD Limit Analyte %Rec Limits Unit Gasoline Range Organics [C6 -210 F2 25.0 207 4 F2 mg/Kg -24 70 - 130 23 20

C10]

MSD MSD %Recovery Surrogate Qualifier Limits 35 - 166 4-Bromofluorobenzene (Surr) 399

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-23217/1-A

Released to Imaging: 4/24/2025 9:13:15 AM

Analysis Batch: 23543

Client Sample ID: Method Blank Matrix: Solid Prep Type: Total/NA Prep Batch: 23217

MB MB Analyzed Analyte Result Qualifier RL Unit Dil Fac D Prepared 0.025 Benzene ND mg/Kg 03/27/25 13:09 04/01/25 21:35 Ethylbenzene ND 0.050 mg/Kg 03/27/25 13:09 04/01/25 21:35 ND 0.050 04/01/25 21:35 Toluene 03/27/25 13:09 mg/Kg

Eurofins Albuquerque

Client Sample ID: BH09@15'

Prep Type: Total/NA Prep Batch: 23217

Client: Hilcorp Energy Project/Site: Scott 4M

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

Lab Sample ID: MB 885-23217/1-A **Matrix: Solid**

Analysis Batch: 23543

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23217

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		0.10	mg/Kg		03/27/25 13:09	04/01/25 21:35	1

MR MR

%Recovery Qualifier Limits Prepared Analyzed 4-Bromofluorobenzene (Surr) 96 48 - 145 03/27/25 13:09 04/01/25 21:35

Lab Sample ID: LCS 885-23217/3-A Client Sample ID: Lab Control Sample

Matrix: Solid

Analysis Batch: 23543

Prep Type: Total/NA Prep Batch: 23217

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	1.00	0.994		mg/Kg		99	70 - 130	
Ethylbenzene	1.00	0.972		mg/Kg		97	70 - 130	
m&p-Xylene	2.00	1.96		mg/Kg		98	70 - 130	
o-Xylene	1.00	0.980		mg/Kg		98	70 - 130	
Toluene	1.00	0.973		mg/Kg		97	70 - 130	
Xylenes, Total	3.00	2.94		mg/Kg		98	70 - 130	

LCS LCS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 98 48 - 145

Lab Sample ID: 885-22076-2 MS

Matrix: Solid

Analysis Batch: 23543

Client Sample ID: BH09@25' Prep Type: Total/NA

Prep Batch: 23217

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	ND		0.997	0.969		mg/Kg		97	70 - 130	
Ethylbenzene	0.058		0.997	0.994		mg/Kg		94	70 - 130	
m&p-Xylene	ND		1.99	2.01		mg/Kg		96	70 - 130	
o-Xylene	ND		0.997	0.983		mg/Kg		96	70 - 130	
Toluene	ND		0.997	0.966		mg/Kg		97	70 - 130	
Xylenes, Total	0.12		2.99	2.99		mg/Kg		96	70 - 130	

MS MS

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 109 48 - 145

Lab Sample ID: 885-22076-2 MSD

Matrix: Solid

Analysis Batch: 23543									Prep	Batch:	23217
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	ND		0.994	1.04		mg/Kg		105	70 - 130	7	20
Ethylbenzene	0.058		0.994	1.08		mg/Kg		103	70 - 130	8	20
m&p-Xylene	ND		1.99	2.17		mg/Kg		104	70 - 130	8	20
o-Xylene	ND		0.994	1.07		mg/Kg		105	70 - 130	9	20
Toluene	ND		0.994	1.05		mg/Kg		106	70 - 130	8	20
Xylenes, Total	0.12		2.98	3.24		mg/Kg		105	70 - 130	8	20

Eurofins Albuquerque

Client Sample ID: BH09@25'

Prep Type: Total/NA

Client: Hilcorp Energy Project/Site: Scott 4M

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

Lab Sample ID: 885-22076-2 MSD

Matrix: Solid

Analysis Batch: 23543

Client Sample ID: BH09@25'

Prep Type: Total/NA

Prep Batch: 23217

MSD MSD

Surrogate %Recovery Qualifier Limits 4-Bromofluorobenzene (Surr) 113 48 - 145

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

Lab Sample ID: MB 885-23280/1-A

Matrix: Solid

Analysis Batch: 23268

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 23280

MB MB Analyte Result Qualifier RLUnit D Prepared Dil Fac Analyzed Diesel Range Organics [C10-C28] 03/28/25 11:29 ND 10 mg/Kg 03/28/25 19:23 Motor Oil Range Organics [C28-C40] ND 50 03/28/25 11:29 03/28/25 19:23 mg/Kg MB MB %Recovery Limits Qualifier Dil Fac Surrogate Prepared Analyzed 03/28/25 11:29 Di-n-octyl phthalate (Surr) 105 62 - 134 03/28/25 19:23

Lab Sample ID: LCS 885-23280/2-A

Matrix: Solid

Analysis Batch: 23268

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 23280

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Diesel Range Organics 50.0 45.9 92 60 - 135 mg/Kg

[C10-C28]

LCS LCS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 96 62 - 134

Lab Sample ID: 885-22076-1 MS

Matrix: Solid

Analysis Batch: 23268

Client Sample ID: BH09@15'

Prep Type: Total/NA Prep Batch: 23280

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit D %Rec Limits Diesel Range Organics 360 47.8 388 mg/Kg 64 44 - 136

[C10-C28]

MS MS

Surrogate %Recovery Qualifier Limits Di-n-octyl phthalate (Surr) 90 62 - 134

Lab Sample ID: 885-22076-1 MSD

Matrix: Solid

Analysis Batch: 23268

Client Sample ID: BH09@15'

Prep Type: Total/NA Prep Batch: 23280

RPD

Sample Sample Spike MSD MSD %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit Diesel Range Organics 360 47.7 432 4 156 44 - 136 11 32 mg/Kg

[C10-C28]

MSD MSD

%Recovery Qualifier Limits Surrogate Di-n-octyl phthalate (Surr) 106

62 - 134

Eurofins Albuquerque

QC Association Summary

Client: Hilcorp Energy

Job ID: 885-22076-1

Project/Site: Scott 4M

GC VOA

Prep Batch: 23217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22076-1	BH09@15'	Total/NA	Solid	5030C	
885-22076-2	BH09@25'	Total/NA	Solid	5030C	
885-22076-3	BH09@40'	Total/NA	Solid	5030C	
885-22076-4	BH09@45'	Total/NA	Solid	5030C	
885-22076-5	BH10@25'	Total/NA	Solid	5030C	
885-22076-6	BH10@40'	Total/NA	Solid	5030C	
885-22076-7	BH10@45'	Total/NA	Solid	5030C	
MB 885-23217/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-23217/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-23217/3-A	Lab Control Sample	Total/NA	Solid	5030C	
885-22076-1 MS	BH09@15'	Total/NA	Solid	5030C	
885-22076-1 MSD	BH09@15'	Total/NA	Solid	5030C	
885-22076-2 MS	BH09@25'	Total/NA	Solid	5030C	
885-22076-2 MSD	BH09@25'	Total/NA	Solid	5030C	

Analysis Batch: 23543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22076-1	BH09@15'	Total/NA	Solid	8021B	23217
885-22076-2	BH09@25'	Total/NA	Solid	8021B	23217
885-22076-3	BH09@40'	Total/NA	Solid	8021B	23217
885-22076-4	BH09@45'	Total/NA	Solid	8021B	23217
885-22076-5	BH10@25'	Total/NA	Solid	8021B	23217
885-22076-6	BH10@40'	Total/NA	Solid	8021B	23217
885-22076-7	BH10@45'	Total/NA	Solid	8021B	23217
MB 885-23217/1-A	Method Blank	Total/NA	Solid	8021B	23217
LCS 885-23217/3-A	Lab Control Sample	Total/NA	Solid	8021B	23217
885-22076-2 MS	BH09@25'	Total/NA	Solid	8021B	23217
885-22076-2 MSD	BH09@25'	Total/NA	Solid	8021B	23217

Analysis Batch: 23544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22076-1	BH09@15'	Total/NA	Solid	8015M/D	23217
885-22076-2	BH09@25'	Total/NA	Solid	8015M/D	23217
885-22076-3	BH09@40'	Total/NA	Solid	8015M/D	23217
885-22076-4	BH09@45'	Total/NA	Solid	8015M/D	23217
885-22076-5	BH10@25'	Total/NA	Solid	8015M/D	23217
885-22076-6	BH10@40'	Total/NA	Solid	8015M/D	23217
885-22076-7	BH10@45'	Total/NA	Solid	8015M/D	23217
MB 885-23217/1-A	Method Blank	Total/NA	Solid	8015M/D	23217
LCS 885-23217/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	23217
885-22076-1 MS	BH09@15'	Total/NA	Solid	8015M/D	23217
885-22076-1 MSD	BH09@15'	Total/NA	Solid	8015M/D	23217

GC Semi VOA

Analysis Batch: 23268

Lab Sample ID 885-22076-1	Client Sample ID BH09@15'	Prep Type Total/NA	Matrix Solid	Method 8015M/D	Prep Batch 23280
885-22076-2	BH09@25'	Total/NA	Solid	8015M/D	23280
885-22076-3	BH09@40'	Total/NA	Solid	8015M/D	23280
885-22076-4	BH09@45'	Total/NA	Solid	8015M/D	23280

Eurofins Albuquerque

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QC Association Summary

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

GC Semi VOA (Continued)

Analysis Batch: 23268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22076-5	BH10@25'	Total/NA	Solid	8015M/D	23280
885-22076-6	BH10@40'	Total/NA	Solid	8015M/D	23280
885-22076-7	BH10@45'	Total/NA	Solid	8015M/D	23280
MB 885-23280/1-A	Method Blank	Total/NA	Solid	8015M/D	23280
LCS 885-23280/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	23280
885-22076-1 MS	BH09@15'	Total/NA	Solid	8015M/D	23280
885-22076-1 MSD	BH09@15'	Total/NA	Solid	8015M/D	23280

Prep Batch: 23280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-22076-1	BH09@15'	Total/NA	Solid	SHAKE	
885-22076-2	BH09@25'	Total/NA	Solid	SHAKE	
885-22076-3	BH09@40'	Total/NA	Solid	SHAKE	
885-22076-4	BH09@45'	Total/NA	Solid	SHAKE	
885-22076-5	BH10@25'	Total/NA	Solid	SHAKE	
885-22076-6	BH10@40'	Total/NA	Solid	SHAKE	
885-22076-7	BH10@45'	Total/NA	Solid	SHAKE	
MB 885-23280/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-23280/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
885-22076-1 MS	BH09@15'	Total/NA	Solid	SHAKE	
885-22076-1 MSD	BH09@15'	Total/NA	Solid	SHAKE	

Eurofins Albuquerque

Client: Hilcorp Energy Project/Site: Scott 4M

Total/NA

Total/NA

Client Sample ID: BH09@15'

Date Collected: 03/24/25 12:46 Date Received: 03/26/25 07:00 Lab Sample ID: 885-22076-1

Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8015M/D		1	23544	AT	EET ALB	04/01/25 21:57
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8021B		1	23543	AT	EET ALB	04/01/25 21:57

Lab Sample ID: 885-22076-2

03/28/25 11:29

03/28/25 19:47

EET ALB

EET ALB

23280 EM

23268 MI

Matrix: Solid

Date Collected: 03/24/25 13:01 Date Received: 03/26/25 07:00

Client Sample ID: BH09@25'

Prep

Analysis

SHAKE

8015M/D

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8015M/D		1	23544	AT	EET ALB	04/01/25 23:02
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8021B		1	23543	AT	EET ALB	04/01/25 23:02
Total/NA	Prep	SHAKE			23280	EM	EET ALB	03/28/25 11:29
Total/NA	Analysis	8015M/D		1	23268	MI	EET ALB	03/28/25 20:22

Client Sample ID: BH09@40'

Date Collected: 03/24/25 13:50

Date Received: 03/26/25 07:00

Lab Sample ID: 885-22076-3

Matrix: Solid

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8015M/D		1	23544	AT	EET ALB	04/02/25 00:07
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8021B		1	23543	AT	EET ALB	04/02/25 00:07
Total/NA	Prep	SHAKE			23280	EM	EET ALB	03/28/25 11:29
Total/NA	Analysis	8015M/D		1	23268	MI	EET ALB	03/28/25 20:34

Client Sample ID: BH09@45'

Date Collected: 03/24/25 14:10

Date Received: 03/26/25 07:00

Lab Sample	ID:	885-22076-4
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Matrix: Solid

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8015M/D		1	23544	AT	EET ALB	04/02/25 00:29
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8021B		1	23543	AT	EET ALB	04/02/25 00:29
Total/NA	Prep	SHAKE			23280	EM	EET ALB	03/28/25 11:29
Total/NA	Analysis	8015M/D		1	23268	MI	EET ALB	03/28/25 20:45

Eurofins Albuquerque

2

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9

Client: Hilcorp Energy Project/Site: Scott 4M

Client Sample ID: BH10@25'

Lab Sample ID: 885-22076-5

Matrix: Solid

Date Collected: 03/24/25 15:40 Date Received: 03/26/25 07:00

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8015M/D		1	23544	AT	EET ALB	04/02/25 00:51
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8021B		1	23543	AT	EET ALB	04/02/25 00:51
Total/NA	Prep	SHAKE			23280	EM	EET ALB	03/28/25 11:29
Total/NA	Analysis	8015M/D		1	23268	MI	EET ALB	03/28/25 20:57

Lab Sample ID: 885-22076-6

Date Collected: 03/24/25 16:26

Client Sample ID: BH10@40'

Matrix: Solid

Date Received: 03/26/25 07:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8015M/D		1	23544	AT	EET ALB	04/02/25 01:12
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8021B		1	23543	AT	EET ALB	04/02/25 01:12
Total/NA	Prep	SHAKE			23280	EM	EET ALB	03/28/25 11:29
Total/NA	Analysis	8015M/D		1	23268	MI	EET ALB	03/28/25 21:08

Client Sample ID: BH10@45'

Lab Sample ID: 885-22076-7

Matrix: Solid

Date Collected: 03/24/25 16:40 Date Received: 03/26/25 07:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8015M/D		1	23544	AT	EET ALB	04/02/25 01:34
Total/NA	Prep	5030C			23217	AT	EET ALB	03/27/25 13:09
Total/NA	Analysis	8021B		1	23543	AT	EET ALB	04/02/25 01:34
Total/NA	Prep	SHAKE			23280	EM	EET ALB	03/28/25 11:29
Total/NA	Analysis	8015M/D		1	23268	MI	EET ALB	03/28/25 21:32

Laboratory References:

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

Accreditation/Certification Summary

Client: Hilcorp Energy Job ID: 885-22076-1

Project/Site: Scott 4M

Laboratory: Eurofins Albuquerque

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

thority	Progr	am	Identification Number	Expiration Date
w Mexico	State	State		02-27-26
0 ,	• •	it the laboratory is not certif	ied by the governing authority. This lis	t may include analytes
for which the agency d	oes not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte	
8015M/D	5030C	Solid	Gasoline Range Organics	[C6 - C10]
8015M/D	SHAKE	Solid	Diesel Range Organics [C	10-C28]
8015M/D	SHAKE	Solid	Motor Oil Range Organics	[C28-C40]
8021B	5030C	Solid	Benzene	
8021B	5030C	Solid	Ethylbenzene	
8021B	5030C	Solid	Toluene	
8021B	5030C	Solid	Xylenes, Total	
egon	NELA	D	NM100001	02-26-26

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Turn-Around Time: **Chain-of-Custody Record** 5day HALL ENVIRONMEN Client: Hilcorp ⊠ Standard 0 ☐ Rush **ANALYSIS LABORAT** Project Name: Mitch Kllough www.hallenvironmental.com Scott 4M Mailing Address: 4901 Hawkins NE - Albuquerque, NM 87109 Project #: Fax 505-345-4107 Tel. 505-345-3975 **Analysis Request** Phone #: email or Fax#: mk:llough @h.lcom com SO_4 Project Manager: Total Coliform (Present/Absent) MTBE / TMB's (8021) TPH:8015D(GRO / DRO / MRO 8081 Pesticides/8082 PCB's Stuart Hyde PAHs by 8310 or 8270SIMS QA/QC Package: NO₂, PO₄, Shyde @ ensolum.com ☐ Standard ☐ Level 4 (Full Validation) Sampler: O. Froelich Accreditation:

Az Compliance EDB (Method 504.1) 8270 (Semi-VOA) On Ice: Yes Yes □ No □ NELAC □ Other mor CI, F, Br, NO₃, RCRA 8 Metals ☐ EDD (Type) # of Coolers: 8260 (VOA) Cooler Temp(including cf): 5.4-0.1-5.3 (°C) BTEX HEAL No. Container Preservative Sample Name Date Time Matrix Type and # Type 03/24/25 1246 BH09@15' 4 02, 1 Soil (00) 21 of 22 1301 BH09@25' 1350 BH09@40' BH09@45' 1410 BH10@25' 1540 BH10@40' 1626 BH10@45' 1640 Time Remarks: Cc: Shyde @ ensolum com ofroelich @ ensolum com Relinguished by If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: Hilcorp Energy Job Number: 885-22076-1

Login Number: 22076 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 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	

Eurofins Albuquerque

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 452387

CONDITIONS

Operator:	OGRID:
HILCORP ENERGY COMPANY	372171
1111 Travis Street	Action Number:
Houston, TX 77002	452387
	Action Type:
	[REPORT] Alternative Remediation Report (C-141AR)

CONDITIONS

Crea By	ated	Condition	Condition Date
nve	elez	1. Continue O&M & sampling as stated in report. 2. Submit next quarterly report by July 15, 2025.	4/24/2025