



1. Continue with recommendations presented within this report. 2. Submit next quarterly report by January 15, 2026.

October 13, 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: Third 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 *Third 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, New Mexico (Figure 1). The SVE system has been operating 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 July, August, and September of 2025.

**SVE SYSTEM SPECIFICATIONS**

The previous SVE system was installed at the Site at the end of September 2022 and consisted of a 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). Between August 13 and September 2, 2025, a larger SVE system was mobilized to the site to increase the radius of influence (ROI) at extraction wells SVE01, SVE03, and SVE04, in order to accelerate soil remediation at BH09. The upgraded SVE system at the Site consists of a 3-phase, 6 horsepower Atlantic Blower AB-802 regenerative blower capable of producing 399 cfm flow and 125 IWC vacuum. 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.

### THIRD QUARTER 2025 ACTIVITIES

During the third quarter of 2025, Ensolum and Hilcorp personnel performed bi-weekly operation and maintenance (O&M) visits to verify the system was operating as designed and to perform any required maintenance. During the third quarter of 2025, extraction was focused on wells SVE01, SVE03, and SVE04. Between June 30 and August 13, 2025, the SVE system operated for 1,056.2 hours for a runtime efficiency of 100 percent (%) prior to being shut down for upgrades. Between September 2 and September 26, 2025, following system upgrades and restart, the SVE system operated for 579.5 hours for a runtime efficiency of 100%. Photographs of the runtime meters for calculating the third quarter runtime efficiency are presented as Appendix B. The SVE system operational hours and calculated percent runtime are presented in Table 1.

A third quarter 2025 vapor sample was collected on August 13, 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 calibrated photoionization detector (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, 8,896 pounds (4.4 tons) of TVPH have been removed by the system to date.

### RECOMMENDATIONS

Bi-weekly O&M visits will continue to be performed by Ensolum and/or Hilcorp personnel to confirm 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.

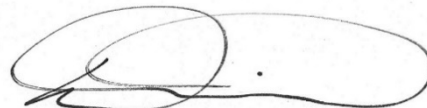
We appreciate the opportunity to provide this report to the NMOCD. If you should have any questions or comments regarding this report, please contact the undersigned.

Sincerely,

**Ensolum, LLC**



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



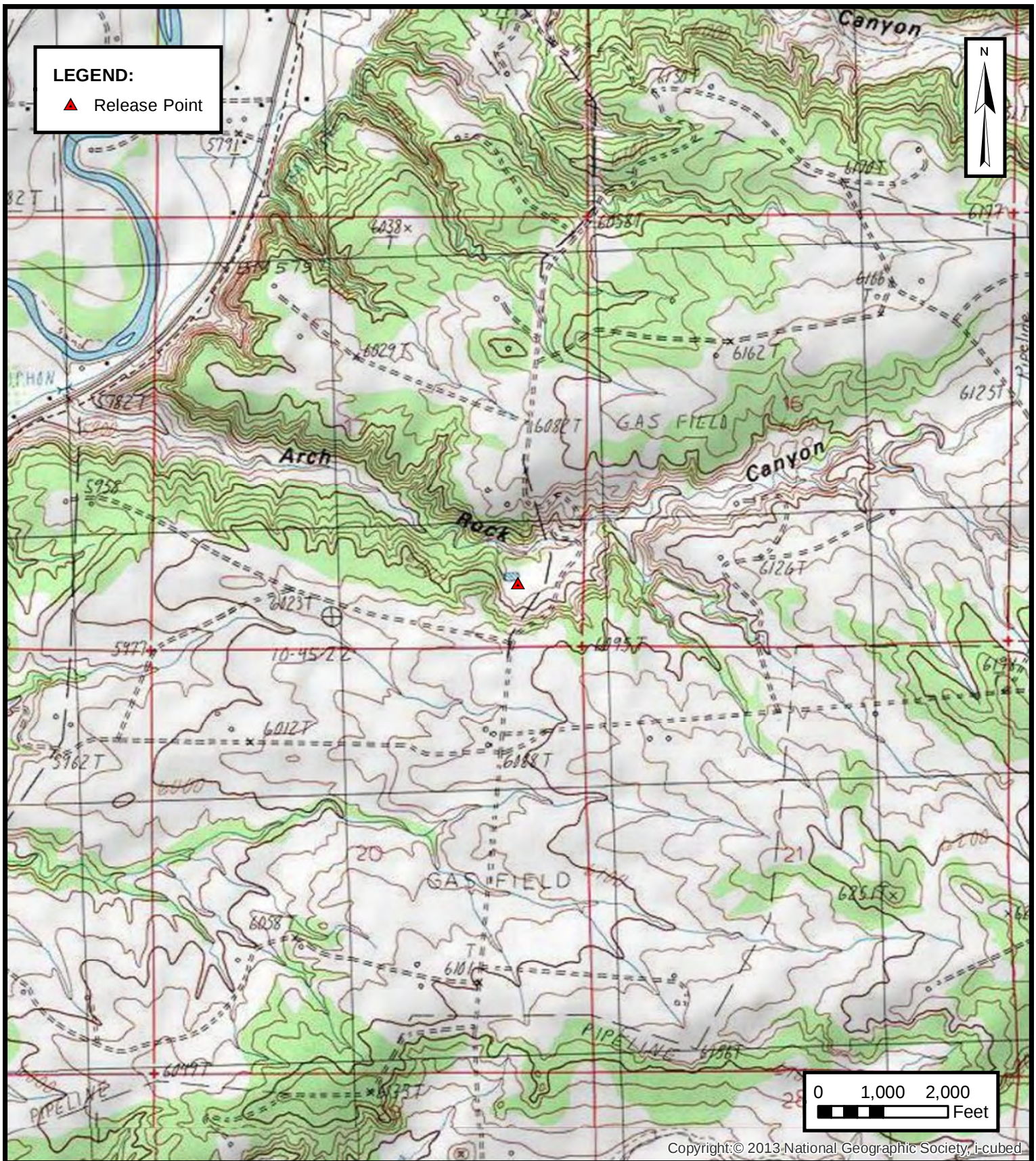
Daniel R. Moir, PG (licensed in WY & TX)  
Senior Managing Geologist  
(303) 887-2946  
dmoir@ensolum.com

**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 |
| Appendix A | Field Notes                                             |
| Appendix B | Project Photographs                                     |
| Appendix C | Vapor Sample Laboratory Analytical Report               |



Figures



**ENSOLUM**  
Environmental & Hydrogeologic Consultants

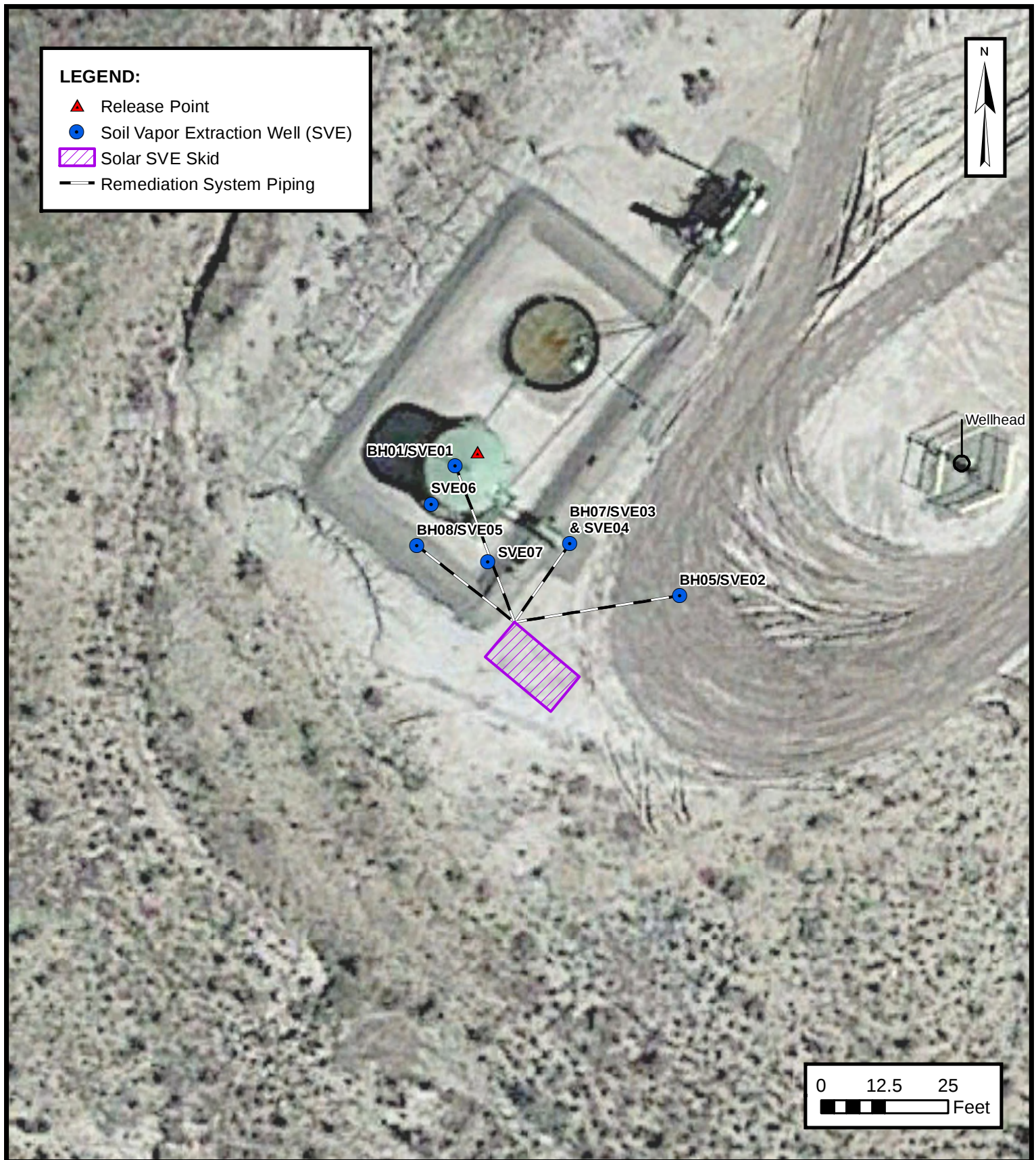
#### SITE LOCATION

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

PROJECT NUMBER: 07A1988016

FIGURE

2



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 |
|-----------|-------------------------|-----------------|------|-----------------|
| 6/30/2025 | 30,446                  | --              | --   | --              |
| 8/13/2025 | 31,502                  | 1,056.2         | 44.0 | 100%            |
| 9/2/2025  | 18,519                  | System Upgraded |      |                 |
| 9/26/2025 | 19,099                  | 579.5           | 24.0 | 101%            |



**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%              |
| 5/27/2025  | 70.8      | 0.58           | 5.8            | 1.2                 | 14                   | 690             | 21.94%     | 0.21%              |
| 8/13/2025  | 72.5      | 0.62           | 6.6            | 1.4                 | 16                   | 590             | 22.01%     | 0.54%              |

**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



**TABLE 3**  
**SOIL VAPOR EXTRACTION SYSTEM MASS REMOVAL AND EMISSIONS**

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

**Laboratory Analysis**

| 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         |
| 5/27/2025      | 70.8      | 0.58           | 5.8            | 1.2                 | 14                   | 690         |
| 8/13/2025      | 72.5      | 0.62           | 6.6            | 1.4                 | 16                   | 590         |
| <b>Average</b> | 164       | 24             | 178            | 22                  | 213                  | 10,601      |

**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              | 2,979,628              | 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         |
| 5/27/2025      | 10              | 51,205,688             | 1,552,620       | 0.00002         | 0.0002          | 0.00003              | 0.0003                | 0.02         |
| 8/13/2025      | 20              | 53,449,568             | 2,243,880       | 0.00004         | 0.0005          | 0.00010              | 0.0011                | 0.05         |
| <b>Average</b> |                 |                        |                 | 0.0013          | 0.008           | 0.0009               | 0.009                 | 0.47         |

**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       |
| 5/27/2025                          | 29,632                 | 2,588       | 0.1              | 0.4              | 0.1                   | 0.9                    | 39            | 0.020       |
| 8/13/2025                          | 31,502                 | 1,870       | 0.1              | 0.9              | 0.2                   | 2.1                    | 90            | 0.045       |
| <b>Total Mass Recovery to Date</b> |                        |             | 22               | 156              | 19                    | 212                    | 8,896         | 4.4         |

**Notes:**

- (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



# APPENDIX A

## Field Notes

---

SCOTT 4M SVE SYSTEM  
BIWEEKLY O&M FORM

DATE: 7-21  
TIME ONSITE: \_\_\_\_\_

O&M PERSONNEL: B Sinclair  
TIME OFFSITE: \_\_\_\_\_

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: 

|  |                    |
|--|--------------------|
|  | KO TANK HIGH LEVEL |
|--|--------------------|

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    | 30951.4 | 1236 |
| Pre K/O Vacuum (IWC)         | -83     |      |
| Inlet Rotameter Flow (cfm)   | 16      |      |
| Inlet PID                    | 67.8    |      |
| Exhaust PID                  | 54.1    |      |
| K/O Tank Drum Level          |         |      |
| K/O Liquid Drained (gallons) |         |      |
| Timer Setting                |         |      |

SVE SYSTEM - QUARTERLY SAMPLING

|                 |                                                 |
|-----------------|-------------------------------------------------|
| SAMPLE ID:      | SAMPLE TIME:                                    |
| Analytes:       | TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2) |
| OPERATING WELLS |                                                 |

Change in Well Operation:

| LOCATION                 | VACUUM (IWC) | PID HEADSPACE (PPM) | FLOW (CFM) | ADJUSTMENTS |
|--------------------------|--------------|---------------------|------------|-------------|
| SVE01                    | 49.5         | 131.8               |            |             |
| SVE02                    |              |                     |            |             |
| SVE03                    | 50.7         | 42.3                |            |             |
| SVE04                    | 50.2         | 33.1                |            |             |
| SVE05                    |              |                     |            |             |
| SVE06 (OBSERVATION WELL) |              |                     |            |             |
| SVE07 (OBSERVATION WELL) |              |                     |            |             |

COMMENTS/OTHER MAINTENANCE:

SCOTT 4M SVE SYSTEM  
BIWEEKLY O&M FORM

DATE: 7-28

TIME ONSITE:

O&M PERSONNEL: B Sinclair

TIME OFFSITE:

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: KO TANK HIGH LEVEL

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    | 31118.8 | 1201 |
| Pre K/O Vacuum (IWC)         | -83     |      |
| Inlet Rotameter Flow (cfm)   | 19      |      |
| Inlet PID                    | 59.6    |      |
| Exhaust PID                  | 46.6    |      |
| K/O Tank Drum Level          |         |      |
| K/O Liquid Drained (gallons) |         |      |
| Timer Setting                |         |      |

SVE SYSTEM - QUARTERLY SAMPLING

|                                                           |              |
|-----------------------------------------------------------|--------------|
| SAMPLE ID:                                                | SAMPLE TIME: |
| Analytes: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2) |              |
| OPERATING WELLS                                           |              |

Change in Well Operation:

| LOCATION                 | VACUUM (IWC) | PID HEADSPACE (PPM) | FLOW (CFM) | ADJUSTMENTS |
|--------------------------|--------------|---------------------|------------|-------------|
| SVE01                    | 49.9         | 122.3               |            |             |
| SVE02                    |              |                     |            |             |
| SVE03                    | 50.8         | 33.8                |            |             |
| SVE04                    | 51.0         | 31.1                |            |             |
| SVE05                    |              |                     |            |             |
| SVE06 (OBSERVATION WELL) |              |                     |            |             |
| SVE07 (OBSERVATION WELL) |              |                     |            |             |

COMMENTS/OTHER MAINTENANCE:

SCOTT 4M SVE SYSTEM  
BIWEEKLY O&M FORM

DATE: 8-13  
TIME ONSITE: \_\_\_\_\_

O&M PERSONNEL: B Sinclair  
TIME OFFSITE: \_\_\_\_\_

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: \_\_\_\_\_ KO TANK HIGH LEVEL

| SVE SYSTEM                               | READING | TIME |
|------------------------------------------|---------|------|
| Blower Hours (take photo)                | 31502.0 | 1109 |
| <del>Pre</del> Post Pre K/O Vacuum (IWC) | -83     |      |
| Inlet Rotameter Flow (cfm)               | 20      |      |
| Inlet PID                                | 72.5    |      |
| Exhaust PID                              | 97.1    |      |
| K/O Tank Drum Level                      |         |      |
| K/O Liquid Drained (gallons)             |         |      |
| Timer Setting                            |         |      |

SVE SYSTEM - QUARTERLY SAMPLING

|                 |                                                 |
|-----------------|-------------------------------------------------|
| SAMPLE ID:      | SAMPLE TIME:                                    |
| Analytes:       | TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2) |
| OPERATING WELLS |                                                 |

Change in Well Operation:

| LOCATION                 | VACUUM (IWC) | PID HEADSPACE (PPM) | FLOW (CFM) | ADJUSTMENTS |
|--------------------------|--------------|---------------------|------------|-------------|
| SVE01                    | 43.9         |                     | 105.0      |             |
| SVE02                    |              |                     |            |             |
| SVE03                    | 48.3         |                     | 45.0       |             |
| SVE04                    | 47.1         |                     | 30.8       |             |
| SVE05                    |              |                     |            |             |
| SVE06 (OBSERVATION WELL) |              |                     |            |             |
| SVE07 (OBSERVATION WELL) |              |                     |            |             |

COMMENTS/OTHER MAINTENANCE:

SCOTT 4M SVE SYSTEM  
BIWEEKLY O&M FORM

DATE: 8-24 O&M PERSONNEL: \_\_\_\_\_  
TIME ONSITE: \_\_\_\_\_ TIME OFFSITE: \_\_\_\_\_

|                          |                               |
|--------------------------|-------------------------------|
| SVE SYSTEM - MONTHLY O&M |                               |
| SVE ALARMS:              | <div>KO TANK HIGH LEVEL</div> |

| SVE SYSTEM                   | READING | TIME |
|------------------------------|---------|------|
| Blower Hours (take photo)    |         |      |
| Pre K/O Vacuum (IWC)         |         |      |
| Inlet Rotameter Flow (cfm)   |         |      |
| Inlet PID                    |         |      |
| Exhaust PID                  |         |      |
| K/O Tank Drum Level          |         |      |
| K/O Liquid Drained (gallons) |         |      |
| Timer Setting                |         |      |

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| SVE SYSTEM - QUARTERLY SAMPLING |                                                 |
| SAMPLE ID:                      | SAMPLE TIME:                                    |
| Analytes:                       | TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2) |
| OPERATING WELLS                 |                                                 |

| Change in Well Operation: |              |                     |            |             |
|---------------------------|--------------|---------------------|------------|-------------|
| LOCATION                  | VACUUM (IWC) | PID HEADSPACE (PPM) | FLOW (CFM) | ADJUSTMENTS |
| SVE01                     |              |                     |            |             |
| SVE02                     |              |                     |            |             |
| SVE03                     |              |                     |            |             |
| SVE04                     |              |                     |            |             |
| SVE05                     |              |                     |            |             |
| SVE06 (OBSERVATION WELL)  |              |                     |            |             |
| SVE07 (OBSERVATION WELL)  |              |                     |            |             |

COMMENTS/OTHER MAINTENANCE:

system down due to electical issues with connection of new skid from Hare 14M

Location SCOTT 4MDate 9/2/25Project / Client HFC

EC TRUCK

Sunny 70's

EC on site to replace inlet  
filter element on SUE system

Turn on system @ 11:37

Hours 18519.1

Air leak at inlet roboneter

Turn off system to fix leak

Hours 18519.4 @ 11:55

Flow 46 SCFM

KO TANK empty

Run for 15 minutes

check flow and any other leaks

leak repaired

Flow 50 SCFM

Dilution valve closed @ 90

- no filter

Vac 8.5 in Hg

SCOTT 4M SVE SYSTEM  
BIWEEKLY O&M FORM

DATE: 9-4  
TIME ONSITE: \_\_\_\_\_

O&M PERSONNEL: B Sinclair  
TIME OFFSITE: \_\_\_\_\_

SVE SYSTEM - MONTHLY O&M

SVE ALARMS: \_\_\_\_\_ KO TANK HIGH LEVEL

| SVE SYSTEM                      | READING  | TIME |
|---------------------------------|----------|------|
| Blower Hours (take photo)       | 18568.9* |      |
| <del>Pre K/O Vacuum (IWC)</del> |          |      |
| Inlet Rotameter Flow (cfm)      | 4.5      |      |
| Inlet PID                       | 62.9     |      |
| Exhaust PID                     | 123.3    |      |
| K/O Tank Drum Level             |          |      |
| K/O Liquid Drained (gallons)    |          |      |
| Timer Setting                   |          |      |

SVE SYSTEM - QUARTERLY SAMPLING

|                 |                                                 |
|-----------------|-------------------------------------------------|
| SAMPLE ID:      | SAMPLE TIME:                                    |
| Analytes:       | TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2) |
| OPERATING WELLS |                                                 |

Change in Well Operation:

| LOCATION                 | VACUUM (IWC) | PID HEADSPACE (PPM) | FLOW (CFM) | ADJUSTMENTS |
|--------------------------|--------------|---------------------|------------|-------------|
| SVE01                    | 89.6         | 131.1               |            |             |
| <del>SVE02</del>         |              |                     |            |             |
| SVE03                    | 104.9        | 25.8                |            |             |
| SVE04                    | 96.8         | 16.8                |            |             |
| <del>SVE05</del>         |              |                     |            |             |
| SVE06 (OBSERVATION WELL) |              |                     |            |             |
| SVE07 (OBSERVATION WELL) |              |                     |            |             |

COMMENTS/OTHER MAINTENANCE:

\*Hours not reset (former Hare 14m skid)

SCOTT 4M SVE SYSTEM  
BIWEEKLY O&M FORMDATE: 9-26  
TIME ONSITE: \_\_\_\_\_O&M PERSONNEL: B Sinclair  
TIME OFFSITE: \_\_\_\_\_

## SVE SYSTEM - MONTHLY O&amp;M

SVE ALARMS: \_\_\_\_\_ KO TANK HIGH LEVEL

| SVE SYSTEM                      | READING | TIME |
|---------------------------------|---------|------|
| Blower Hours (take photo)       | 19098.9 | 1935 |
| <del>Pre K/O Vacuum (IWC)</del> |         |      |
| Inlet Rotameter Flow (cfm)      | 56      |      |
| Inlet PID                       | 78.3    |      |
| Exhaust PID                     | 115.7   |      |
| K/O Tank Drum Level             |         |      |
| K/O Liquid Drained (gallons)    |         |      |
| Timer Setting                   |         |      |

## SVE SYSTEM - QUARTERLY SAMPLING

SAMPLE ID: \_\_\_\_\_ SAMPLE TIME: \_\_\_\_\_  
Analytes: TVPH (8015), VOCs (8260), Fixed Gas (CO/CO2/O2)

OPERATING WELLS

Change in Well Operation:

| LOCATION                 | VACUUM (IWC) | PID HEADSPACE (PPM) | FLOW (CFM) | ADJUSTMENTS |
|--------------------------|--------------|---------------------|------------|-------------|
| SVE01                    | 77.8         | 140.9               |            |             |
| SVE02                    |              |                     |            |             |
| SVE03                    | 94.5         | 60.2                |            |             |
| SVE04                    | 81.3         | 21.7                |            |             |
| SVE05                    |              |                     |            |             |
| SVE06 (OBSERVATION WELL) |              |                     |            |             |
| SVE07 (OBSERVATION WELL) |              |                     |            |             |

COMMENTS/OTHER MAINTENANCE:



## APPENDIX B

### Project Photographs

---

PROJECT PHOTOGRAPHS

Scott 4M

San Juan County, New Mexico

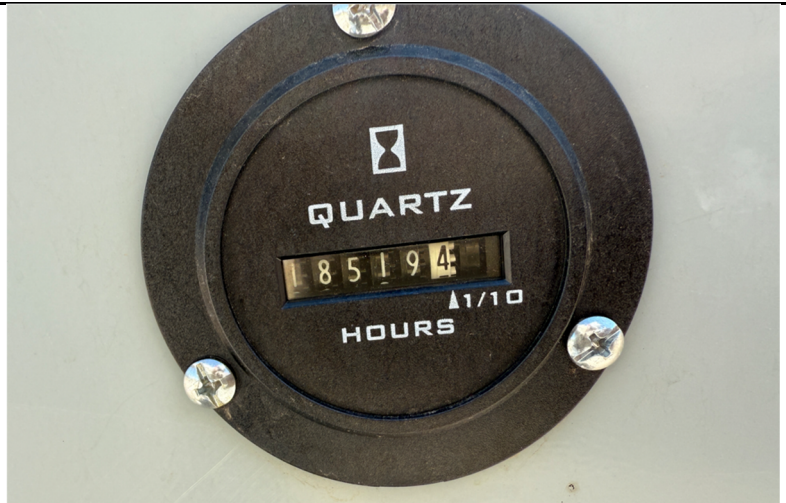
Hilcorp Energy Company

|                                                                                                            |                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>Photograph 1</div> <div>Runtime meter taken on June 30, 2025 at 11:03 AM<br/>Hours = 30,445.8</div>   | <div><div><div>DIRECTION<br/>192 deg(T)</div><div>36.89329°N<br/>107.89941°W</div><div>ACCURACY 5 m<br/>DATUM WGS84</div></div><div></div><div><div>2025-06-30<br/>11:03:33-06:00</div></div></div>  |
| <div>Photograph 2</div> <div>Runtime meter taken on August 13, 2025 at 11:09 AM<br/>Hours = 31,502.0</div> | <div><div><div>DIRECTION<br/>190 deg(T)</div><div>36.89328°N<br/>107.89946°W</div><div>ACCURACY 4 m<br/>DATUM WGS84</div></div><div></div><div><div>2025-08-13<br/>11:09:07-06:00</div></div></div> |

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

**Photograph 3**

Runtime meter taken on September 2,  
2025 at 11:37 AM  
Hours = 18,519.4

**Photograph 4**

Runtime meter taken on September  
26, 2025 at 2:35 PM  
Hours = 19,098.9





## APPENDIX C

# Vapor Sample Laboratory Analytical Reports

---



Environment Testing

1

2

3

4

5

6

7

8

9

10

11

12

# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 8/25/2025 2:28:02 PM

## JOB DESCRIPTION

Scott 4M

## JOB NUMBER

885-31119-1

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  
8/25/2025 2:28:02 PM

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

Client: Hilcorp Energy  
Project/Site: Scott 4M

Laboratory Job ID: 885-31119-1

# Table of Contents

|                                  |    |
|----------------------------------|----|
| Cover Page . . . . .             | 1  |
| Table of Contents . . . . .      | 3  |
| Definitions/Glossary . . . . .   | 4  |
| Case Narrative . . . . .         | 5  |
| Client Sample Results . . . . .  | 6  |
| QC Sample Results . . . . .      | 8  |
| QC Association Summary . . . . . | 11 |
| Lab Chronicle . . . . .          | 12 |
| Certification Summary . . . . .  | 13 |
| Subcontract Data . . . . .       | 16 |
| Chain of Custody . . . . .       | 23 |
| Receipt Checklists . . . . .     | 24 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12

Definitions/Glossary

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

Qualifiers

GC VOA

| Qualifier | Qualifier Description                                   |
|-----------|---------------------------------------------------------|
| S1+       | Surrogate recovery exceeds control limits, high biased. |

Glossary

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

## Case Narrative

Client: Hilcorp Energy  
Project: Scott 4M

Job ID: 885-31119-1

**Job ID: 885-31119-1**

**Eurofins Albuquerque**

### Job Narrative 885-31119-1

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

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

### Receipt

The sample was received on 8/15/2025 7:15 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

### 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.

### GC/MS VOA

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

### Gasoline Range Organics

Method 8015D\_GRO: Surrogate recovery for the following sample was outside control limits: SVE-1 (885-31119-1). 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.

Eurofins Albuquerque

## Client Sample Results

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

Client Sample ID: SVE-1

Lab Sample ID: 885-31119-1

Date Collected: 08/13/25 11:20

Matrix: Air

Date Received: 08/15/25 07:15

Sample Container: Tedlar Bag 1L

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

| Analyte                     | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,1,1-Trichloroethane       | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,1,2,2-Tetrachloroethane   | ND     |           | 1.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,1,2-Trichloroethane       | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,1-Dichloroethane          | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,1-Dichloroethene          | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,1-Dichloropropene         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2,3-Trichlorobenzene      | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2,3-Trichloropropane      | ND     |           | 1.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2,4-Trichlorobenzene      | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2,4-Trimethylbenzene      | 3.3    |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2-Dibromo-3-Chloropropane | ND     |           | 1.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2-Dibromoethane (EDB)     | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2-Dichlorobenzene         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2-Dichloroethane (EDC)    | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,2-Dichloropropane         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,3,5-Trimethylbenzene      | 3.1    |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,3-Dichlorobenzene         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,3-Dichloropropane         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1,4-Dichlorobenzene         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 1-Methylnaphthalene         | ND     |           | 2.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 2,2-Dichloropropane         | ND     |           | 1.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 2-Butanone                  | ND     |           | 5.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 2-Chlorotoluene             | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 2-Hexanone                  | ND     |           | 5.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 2-Methylnaphthalene         | ND     |           | 2.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| 4-Chlorotoluene             | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 4-Isopropyltoluene          | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| 4-Methyl-2-pentanone        | ND     |           | 5.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| Acetone                     | ND     |           | 5.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| Benzene                     | 0.62   |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Bromobenzene                | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Bromodichloromethane        | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Dibromochloromethane        | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Bromoform                   | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Bromomethane                | ND     |           | 1.5  | ug/L |   |          | 08/20/25 17:00 | 5       |
| Carbon disulfide            | ND     |           | 5.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| Carbon tetrachloride        | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Chlorobenzene               | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Chloroethane                | ND     |           | 1.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| Chloroform                  | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Chloromethane               | ND     |           | 1.5  | ug/L |   |          | 08/20/25 17:00 | 5       |
| cis-1,2-Dichloroethene      | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| cis-1,3-Dichloropropene     | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Dibromomethane              | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Dichlorodifluoromethane     | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Ethylbenzene                | 1.4    |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Hexachlorobutadiene         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |

Eurofins Albuquerque

## Client Sample Results

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

Client Sample ID: SVE-1

Lab Sample ID: 885-31119-1

Date Collected: 08/13/25 11:20

Matrix: Air

Date Received: 08/15/25 07:15

Sample Container: Tedlar Bag 1L

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

| Analyte                        | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
| Isopropylbenzene               | 0.53   |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Methyl-tert-butyl Ether (MTBE) | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Methylene Chloride             | ND     |           | 1.5  | ug/L |   |          | 08/20/25 17:00 | 5       |
| n-Butylbenzene                 | ND     |           | 1.5  | ug/L |   |          | 08/20/25 17:00 | 5       |
| N-Propylbenzene                | 0.64   |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Naphthalene                    | ND     |           | 1.0  | ug/L |   |          | 08/20/25 17:00 | 5       |
| sec-Butylbenzene               | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Styrene                        | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| tert-Butylbenzene              | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Tetrachloroethene (PCE)        | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Toluene                        | 6.6    |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| trans-1,2-Dichloroethene       | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| trans-1,3-Dichloropropene      | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Trichloroethene (TCE)          | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Trichlorofluoromethane         | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Vinyl chloride                 | ND     |           | 0.50 | ug/L |   |          | 08/20/25 17:00 | 5       |
| Xylenes, Total                 | 16     |           | 0.75 | ug/L |   |          | 08/20/25 17:00 | 5       |

| Surrogate                    | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 87        |           | 70 - 130 |          | 08/20/25 17:00 | 5       |
| Toluene-d8 (Surr)            | 97        |           | 70 - 130 |          | 08/20/25 17:00 | 5       |
| 4-Bromofluorobenzene (Surr)  | 103       |           | 70 - 130 |          | 08/20/25 17:00 | 5       |
| Dibromofluoromethane (Surr)  | 82        |           | 70 - 130 |          | 08/20/25 17:00 | 5       |

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

| Analyte                            | Result | Qualifier | RL  | Unit | D | Prepared | Analyzed       | Dil Fac |
|------------------------------------|--------|-----------|-----|------|---|----------|----------------|---------|
| Gasoline Range Organics [C6 - C10] | 590    |           | 5.0 | ug/L |   |          | 08/21/25 13:29 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 469       | S1+       | 15 - 150 |          | 08/21/25 13:29 | 1       |

Eurofins Albuquerque

## QC Sample Results

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

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

Lab Sample ID: MB 885-32817/6

Matrix: Air

Analysis Batch: 32817

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                     | MB<br>Result | MB<br>Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|-----------------------------|--------------|-----------------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane   | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,1,1-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,1,2,2-Tetrachloroethane   | ND           |                 | 0.20 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,1,2-Trichloroethane       | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,1-Dichloroethane          | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,1-Dichloroethene          | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,1-Dichloropropene         | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2,3-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2,3-Trichloropropane      | ND           |                 | 0.20 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2,4-Trichlorobenzene      | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2,4-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2-Dibromo-3-Chloropropane | ND           |                 | 0.20 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2-Dibromoethane (EDB)     | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2-Dichloroethane (EDC)    | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,2-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,3,5-Trimethylbenzene      | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,3-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,3-Dichloropropane         | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1,4-Dichlorobenzene         | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 1-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 2,2-Dichloropropane         | ND           |                 | 0.20 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 2-Butanone                  | ND           |                 | 1.0  | ug/L |   |          | 08/20/25 15:20 | 1       |
| 2-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 2-Hexanone                  | ND           |                 | 1.0  | ug/L |   |          | 08/20/25 15:20 | 1       |
| 2-Methylnaphthalene         | ND           |                 | 0.40 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 4-Chlorotoluene             | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 4-Isopropyltoluene          | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| 4-Methyl-2-pentanone        | ND           |                 | 1.0  | ug/L |   |          | 08/20/25 15:20 | 1       |
| Acetone                     | ND           |                 | 1.0  | ug/L |   |          | 08/20/25 15:20 | 1       |
| Benzene                     | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Bromobenzene                | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Bromodichloromethane        | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Dibromochloromethane        | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Bromoform                   | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Bromomethane                | ND           |                 | 0.30 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Carbon disulfide            | ND           |                 | 1.0  | ug/L |   |          | 08/20/25 15:20 | 1       |
| Carbon tetrachloride        | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Chlorobenzene               | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Chloroethane                | ND           |                 | 0.20 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Chloroform                  | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Chloromethane               | ND           |                 | 0.30 | ug/L |   |          | 08/20/25 15:20 | 1       |
| cis-1,2-Dichloroethene      | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| cis-1,3-Dichloropropene     | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Dibromomethane              | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Dichlorodifluoromethane     | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Ethylbenzene                | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Hexachlorobutadiene         | ND           |                 | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |

Eurofins Albuquerque

## QC Sample Results

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

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

Lab Sample ID: MB 885-32817/6

Matrix: Air

Analysis Batch: 32817

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte                        | MB     | MB        | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|--------------------------------|--------|-----------|------|------|---|----------|----------------|---------|
|                                | Result | Qualifier |      |      |   |          |                |         |
| Isopropylbenzene               | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Methyl-tert-butyl Ether (MTBE) | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Methylene Chloride             | ND     |           | 0.30 | ug/L |   |          | 08/20/25 15:20 | 1       |
| n-Butylbenzene                 | ND     |           | 0.30 | ug/L |   |          | 08/20/25 15:20 | 1       |
| N-Propylbenzene                | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Naphthalene                    | ND     |           | 0.20 | ug/L |   |          | 08/20/25 15:20 | 1       |
| sec-Butylbenzene               | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Styrene                        | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| tert-Butylbenzene              | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Tetrachloroethene (PCE)        | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Toluene                        | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| trans-1,2-Dichloroethene       | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| trans-1,3-Dichloropropene      | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Trichloroethene (TCE)          | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Trichlorofluoromethane         | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Vinyl chloride                 | ND     |           | 0.10 | ug/L |   |          | 08/20/25 15:20 | 1       |
| Xylenes, Total                 | ND     |           | 0.15 | ug/L |   |          | 08/20/25 15:20 | 1       |

| Surrogate                    | MB        | MB        | Limits   | Prepared | Analyzed       | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
|                              | %Recovery | Qualifier |          |          |                |         |
| 1,2-Dichloroethane-d4 (Surr) | 96        |           | 70 - 130 |          | 08/20/25 15:20 | 1       |
| Toluene-d8 (Surr)            | 86        |           | 70 - 130 |          | 08/20/25 15:20 | 1       |
| 4-Bromofluorobenzene (Surr)  | 85        |           | 70 - 130 |          | 08/20/25 15:20 | 1       |
| Dibromofluoromethane (Surr)  | 87        |           | 70 - 130 |          | 08/20/25 15:20 | 1       |

Lab Sample ID: LCS 885-32817/5

Matrix: Air

Analysis Batch: 32817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte               | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|-----------------------|-------------|------------|---------------|------|---|------|-------------|
|                       |             |            |               |      |   |      |             |
| 1,1-Dichloroethene    | 20.0        | 18.7       |               | ug/L |   | 93   | 70 - 130    |
| Benzene               | 20.0        | 21.1       |               | ug/L |   | 106  | 70 - 130    |
| Chlorobenzene         | 20.0        | 21.9       |               | ug/L |   | 109  | 70 - 130    |
| Toluene               | 20.0        | 21.8       |               | ug/L |   | 109  | 70 - 130    |
| Trichloroethene (TCE) | 20.0        | 19.8       |               | ug/L |   | 99   | 70 - 130    |

| Surrogate                    | LCS       | LCS       | Limits   |
|------------------------------|-----------|-----------|----------|
|                              | %Recovery | Qualifier |          |
| 1,2-Dichloroethane-d4 (Surr) | 90        |           | 70 - 130 |
| Toluene-d8 (Surr)            | 86        |           | 70 - 130 |
| 4-Bromofluorobenzene (Surr)  | 88        |           | 70 - 130 |
| Dibromofluoromethane (Surr)  | 81        |           | 70 - 130 |

Eurofins Albuquerque

QC Sample Results

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

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

|                                    |              |              |          |      |                                |          |                |         |  |
|------------------------------------|--------------|--------------|----------|------|--------------------------------|----------|----------------|---------|--|
| Lab Sample ID: MB 885-32918/5      |              |              |          |      | Client Sample ID: Method Blank |          |                |         |  |
| Matrix: Air                        |              |              |          |      | Prep Type: Total/NA            |          |                |         |  |
| Analysis Batch: 32918              |              |              |          |      |                                |          |                |         |  |
| Analyte                            | MB Result    | MB Qualifier | RL       | Unit | D                              | Prepared | Analyzed       | Dil Fac |  |
| Gasoline Range Organics [C6 - C10] | ND           |              | 5.0      | ug/L |                                |          | 08/21/25 11:56 | 1       |  |
| Surrogate                          | MB %Recovery | MB Qualifier | Limits   |      |                                | Prepared | Analyzed       | Dil Fac |  |
| 4-Bromofluorobenzene (Surr)        | 99           |              | 15 - 150 |      |                                |          | 08/21/25 11:56 | 1       |  |

|                                    |               |               |             |            |                                      |      |   |      |             |
|------------------------------------|---------------|---------------|-------------|------------|--------------------------------------|------|---|------|-------------|
| Lab Sample ID: LCS 885-32918/3     |               |               |             |            | Client Sample ID: Lab Control Sample |      |   |      |             |
| Matrix: Air                        |               |               |             |            | Prep Type: Total/NA                  |      |   |      |             |
| Analysis Batch: 32918              |               |               |             |            |                                      |      |   |      |             |
| Analyte                            |               |               | Spike Added | LCS Result | LCS Qualifier                        | Unit | D | %Rec | %Rec Limits |
| Gasoline Range Organics [C6 - C10] |               |               | 50.0        | 46.0       |                                      | ug/L |   | 92   | 70 - 130    |
| Surrogate                          | LCS %Recovery | LCS Qualifier | Limits      |            |                                      |      |   |      |             |
| 4-Bromofluorobenzene (Surr)        | 201           |               | 15 - 150    |            |                                      |      |   |      |             |

QC Association Summary

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

GC/MS VOA

Analysis Batch: 32817

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-31119-1     | SVE-1              | Total/NA  | Air    | 8260B  |            |
| MB 885-32817/6  | Method Blank       | Total/NA  | Air    | 8260B  |            |
| LCS 885-32817/5 | Lab Control Sample | Total/NA  | Air    | 8260B  |            |

GC VOA

Analysis Batch: 32918

| Lab Sample ID   | Client Sample ID   | Prep Type | Matrix | Method | Prep Batch |
|-----------------|--------------------|-----------|--------|--------|------------|
| 885-31119-1     | SVE-1              | Total/NA  | Air    | 8015D  |            |
| MB 885-32918/5  | Method Blank       | Total/NA  | Air    | 8015D  |            |
| LCS 885-32918/3 | Lab Control Sample | Total/NA  | Air    | 8015D  |            |

Lab Chronicle

Client: Hilcorp Energy  
Project/Site: Scott 4M

Job ID: 885-31119-1

Client Sample ID: SVE-1

Date Collected: 08/13/25 11:20

Date Received: 08/15/25 07:15

Lab Sample ID: 885-31119-1

Matrix: Air

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab     | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|---------|----------------------|
| Total/NA  | Analysis   | 8260B        |     | 5               | 32817        | RA      | EET ALB | 08/20/25 17:00       |
| Total/NA  | Analysis   | 8015D        |     | 1               | 32918        | AT      | EET ALB | 08/21/25 13:29       |

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  
Project/Site: Scott 4M

Job ID: 885-31119-1

## Laboratory: Eurofins Albuquerque

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

| Authority  | Program | Identification Number | Expiration Date |
|------------|---------|-----------------------|-----------------|
| New Mexico | State   | NM9425, NM0901        | 02-27-26        |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte                            |
|-----------------|-------------|--------|------------------------------------|
| 8015D           |             | 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  
Project/Site: Scott 4M

Job ID: 885-31119-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 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                 |
| Oregon                                                                                                                                                                                                | NELAP       | NM100001              | 02-26-26                       |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

|                 |             |        |                                    |
|-----------------|-------------|--------|------------------------------------|
| Analysis Method | Prep Method | Matrix | Analyte                            |
| 8015D           |             | 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  
Project/Site: Scott 4M

Job ID: 885-31119-1

## Laboratory: Eurofins Albuquerque (Continued)

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

| Authority                                                                                                                                                                                             | Program     | Identification Number | Expiration Date                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|--------------------------------|
| 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                        |
| 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           |
| 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



Trust our People. Trust our Data.  
www.energylab.com

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

## ANALYTICAL SUMMARY REPORT

August 22, 2025

Eurofins TestAmerica - Albuquerque

4901 Hawkins St NE Ste D

Albuquerque, NM 87109-4372

Work Order: B25081759

Quote ID: B15626

Project Name: Scott 4M 88501698

Energy Laboratories Inc Billings MT received the following 1 sample for Eurofins TestAmerica - Albuquerque on 8/19/2025 for analysis.

| Lab ID        | Client Sample ID    | Collect Date   | Receive Date | Matrix | Test                                                                                                                                                                                |
|---------------|---------------------|----------------|--------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| B25081759-001 | SVE-1 (885-31119-1) | 08/13/25 11:20 | 08/19/25     | Air    | Air Correction Calculations<br>Appearance and Comments<br>Calculated Properties<br>GPM @ std cond./1000 cu. ft., moist.<br>Free<br>Natural Gas Analysis<br>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.



Trust our People. Trust our Data.  
www.energylab.com

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

## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** Eurofins TestAmerica - Albuquerque  
**Project:** Scott 4M 88501698  
**Lab ID:** B25081759-001  
**Client Sample ID:** SVE-1 (885-31119-1)

**Report Date:** 08/22/25  
**Collection Date:** 08/13/25 11:20  
**Date Received:** 08/19/25  
**Matrix:** Air

| Analyses                                  | Result  | Units | Qualifiers | RL    | MCL/<br>QCL | Method      | Analysis Date / By   |
|-------------------------------------------|---------|-------|------------|-------|-------------|-------------|----------------------|
| <b>GAS CHROMATOGRAPHY ANALYSIS REPORT</b> |         |       |            |       |             |             |                      |
| Oxygen                                    | 22.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Nitrogen                                  | 76.63   | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Carbon Dioxide                            | 0.54    | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Hydrogen Sulfide                          | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Methane                                   | 0.74    | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Ethane                                    | 0.05    | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Propane                                   | 0.02    | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Isobutane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| n-Butane                                  | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Isopentane                                | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| n-Pentane                                 | <0.01   | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Hexanes plus                              | 0.01    | Mol % |            | 0.01  |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Propane                                   | 0.006   | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Isobutane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| n-Butane                                  | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Isopentane                                | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| n-Pentane                                 | < 0.001 | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Hexanes plus                              | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| GPM Total                                 | 0.010   | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |
| GPM Pentanes plus                         | 0.004   | gpm   |            | 0.001 |             | GPA 2261-13 | 08/21/25 13:00 / jrj |

### CALCULATED PROPERTIES

|                                       |     |   |             |                      |
|---------------------------------------|-----|---|-------------|----------------------|
| Gross BTU per cu ft @ Std Cond. (HHV) | 9   | 1 | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Net BTU per cu ft @ std cond. (LHV)   | 8   | 1 | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Pseudo-critical Pressure, psia        | 550 | 1 | GPA 2261-13 | 08/21/25 13:00 / jrj |
| Pseudo-critical Temperature, deg R    | 242 | 1 | GPA 2261-13 | 08/21/25 13:00 / jrj |

|                           |        |       |             |                      |
|---------------------------|--------|-------|-------------|----------------------|
| Specific Gravity @ 60/60F | 0.998  | 0.001 | D3588-17    | 08/21/25 13:00 / jrj |
| Air, %                    | 100.57 | 0.01  | GPA 2261-13 | 08/21/25 13:00 / jrj |

- The analysis was not corrected for air.

### COMMENTS

|                                                                                                                                                                                                                                                                                                                                                             |   |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----------------------|
| -                                                                                                                                                                                                                                                                                                                                                           | - | 08/21/25 13:00 / jrj |
| - BTU, GPM, and specific gravity are corrected for deviation from ideal gas behavior.<br>- GPM = gallons of liquid at standard conditions per 1000 cu. ft. of moisture free gas @ standard conditions.<br>- To convert BTU to a water-saturated basis @ standard conditions, multiply by 0.9825.<br>- Standard conditions: 60 F & 14.73 psi on a dry basis. |   |                      |

**Report Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.  
www.energylab.com

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

## QA/QC Summary Report

Prepared by Billings, MT Branch

Work Order: B25081759

Report Date: 08/22/25

| Analyte                          | Count                        | Result | Units | RL   | %REC | Low Limit           | High Limit | RPD | RPDLimit       | Qual |
|----------------------------------|------------------------------|--------|-------|------|------|---------------------|------------|-----|----------------|------|
| <b>Method: GPA 2261-13</b>       |                              |        |       |      |      |                     |            |     | Batch: R447948 |      |
| <b>Lab ID: B25081762-001ADUP</b> | 12 Sample Duplicate          |        |       |      |      | Run: GC7890_250821A |            |     | 08/21/25 15:28 |      |
| Oxygen                           |                              | 22.0   | Mol % | 0.01 |      |                     |            | 2.5 | 20             |      |
| Nitrogen                         |                              | 78.0   | Mol % | 0.01 |      |                     |            | 0.7 | 20             |      |
| Carbon Dioxide                   |                              | 0.08   | 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             |      |
| Isopentane                       |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| n-Pentane                        |                              | <0.01  | Mol % | 0.01 |      |                     |            |     | 20             |      |
| Hexanes plus                     |                              | 0.02   | Mol % | 0.01 |      |                     |            | 0.0 | 20             |      |
| <b>Lab ID: LCS082125</b>         | 11 Laboratory Control Sample |        |       |      |      | Run: GC7890_250821A |            |     | 08/21/25 17:50 |      |
| Oxygen                           |                              | 0.61   | Mol % | 0.01 | 124  | 70                  | 130        |     |                |      |
| Nitrogen                         |                              | 6.24   | Mol % | 0.01 | 106  | 70                  | 130        |     |                |      |
| Carbon Dioxide                   |                              | 0.97   | Mol % | 0.01 | 97   | 70                  | 130        |     |                |      |
| Methane                          |                              | 76.2   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| Ethane                           |                              | 6.02   | Mol % | 0.01 | 99   | 70                  | 130        |     |                |      |
| Propane                          |                              | 5.07   | Mol % | 0.01 | 102  | 70                  | 130        |     |                |      |
| Isobutane                        |                              | 1.76   | Mol % | 0.01 | 88   | 70                  | 130        |     |                |      |
| n-Butane                         |                              | 1.88   | Mol % | 0.01 | 94   | 70                  | 130        |     |                |      |
| Isopentane                       |                              | 0.50   | Mol % | 0.01 | 100  | 70                  | 130        |     |                |      |
| n-Pentane                        |                              | 0.51   | Mol % | 0.01 | 102  | 70                  | 130        |     |                |      |
| Hexanes plus                     |                              | 0.21   | Mol % | 0.01 | 102  | 70                  | 130        |     |                |      |

### Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)



Trust our People. Trust our Data.  
www.energylab.com

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

## Work Order Receipt Checklist

Eurofins TestAmerica - Albuquerque

B25081759

Login completed by: Crystal M. Jones

Date Received: 8/19/2025

Reviewed by: dharris

Received by: SW

Reviewed Date: 8/20/2025

Carrier name: FedEx NDA

|                                                                                                                                                             |                                         |                                        |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------------------|------------------------------------------------------------|
| Shipping container/cooler in good condition?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all shipping container(s)/cooler(s)?                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            | Not Present <input type="checkbox"/>                       |
| Custody seals intact on all sample bottles?                                                                                                                 | Yes <input type="checkbox"/>            | No <input type="checkbox"/>            | Not Present <input checked="" type="checkbox"/>            |
| Chain of custody present?                                                                                                                                   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Chain of custody signed when relinquished and received?                                                                                                     | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> |                                                            |
| Chain of custody agrees with sample labels?                                                                                                                 | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Samples in proper container/bottle?                                                                                                                         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Sample containers intact?                                                                                                                                   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Sufficient sample volume for indicated test?                                                                                                                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| All samples received within holding time?<br>(Exclude analyses that are considered field parameters<br>such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/>            |                                                            |
| Temp Blank received in all shipping container(s)/cooler(s)?                                                                                                 | Yes <input type="checkbox"/>            | No <input checked="" type="checkbox"/> | Not Applicable <input type="checkbox"/>                    |
| Container/Temp Blank temperature:                                                                                                                           | 22.8°C No Ice                           |                                        |                                                            |
| Containers requiring zero headspace have no headspace or<br>bubble that is <6mm (1/4").                                                                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/>            | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                                                                                                                         | Yes <input type="checkbox"/>            | No <input type="checkbox"/>            | Not Applicable <input checked="" type="checkbox"/>         |

### 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:

The temperature of the sample(s) in shipping container 1 was 22.8°C and shipping container 2 was 21.6°C. CMJ  
08/19/25



Trust our People. Trust our Data.  
www.energylab.com

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

## Laboratory Certifications and Accreditations

Current certificates are available at [www.energylab.com](http://www.energylab.com) website:

|                                                                                                                                                                                                       | Agency                               | Number           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|
| <b>Billings, MT</b><br><br><br><br> | Alaska                               | 17-023           |
|                                                                                                                                                                                                       | California                           | 3087             |
|                                                                                                                                                                                                       | Colorado                             | MT00005          |
|                                                                                                                                                                                                       | Department of Defense (DoD)/ISO17025 | ADE-2588         |
|                                                                                                                                                                                                       | Florida (Primary NELAP)              | E87668           |
|                                                                                                                                                                                                       | Idaho                                | MT00005          |
|                                                                                                                                                                                                       | Louisiana                            | 05079            |
|                                                                                                                                                                                                       | Montana                              | CERT0044         |
|                                                                                                                                                                                                       | Nebraska                             | NE-OS-13-04      |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00250     |
|                                                                                                                                                                                                       | North Dakota                         | R-007            |
|                                                                                                                                                                                                       | National Radon Proficiency           | 109383-RMP       |
|                                                                                                                                                                                                       | Oregon                               | 4184             |
|                                                                                                                                                                                                       | South Dakota                         | ARSD 74:04:07    |
|                                                                                                                                                                                                       | Texas                                | TX-C24-00302     |
|                                                                                                                                                                                                       | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                       | USDA Soil Permit                     | P330-20-00170    |
|                                                                                                                                                                                                       | Washington                           | C1039            |
| <b>Casper, WY</b><br><br>                                                                                          | Alaska                               | 20-006           |
|                                                                                                                                                                                                       | California                           | 3021             |
|                                                                                                                                                                                                       | Colorado                             | WY00002          |
|                                                                                                                                                                                                       | Florida (Primary NELAP)              | E87641           |
|                                                                                                                                                                                                       | Idaho                                | WY00002          |
|                                                                                                                                                                                                       | Louisiana                            | 05083            |
|                                                                                                                                                                                                       | Montana                              | CERT0002         |
|                                                                                                                                                                                                       | Nebraska                             | NE-OS-08-04      |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00245     |
|                                                                                                                                                                                                       | 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            |
| <b>Gillette, WY</b>                                                                                                                                                                                   | US EPA Region VIII                   | WY00006          |
| <b>Helena, MT</b>                                                                                                                                                                                     | Colorado                             | MT00945          |
|                                                                                                                                                                                                       | Montana                              | CERT0079         |
|                                                                                                                                                                                                       | Nevada                               | NV-C24-00119     |
|                                                                                                                                                                                                       | US EPA Region VIII                   | Reciprocal       |
|                                                                                                                                                                                                       | USDA Soil Permit                     | P330-20-00090    |

 **eurofins** | Environment Testing

Ver: 10/10/2024



ICOC No:  
885-6172

**Containers**

| <u>Count</u> | <u>Container Type</u> | <u>Preservative</u> |
|--------------|-----------------------|---------------------|
| 1            | Tedlar Bag 1L         | None                |

**Subcontract Method Instructions**

| <b>Sample IDs</b> | <b>Method</b> | <b>Method Description</b>       | <b>Method Comments</b> |
|-------------------|---------------|---------------------------------|------------------------|
| 1                 | SUBCONTRACT   | SUB - Subcontract - Fixed Gases | Fixed Gases            |

## Chain-of-Custody Record

Client: Hilcorp

Mailing Address:

Phone #:

email or Fax#: brandon.sinclair@hilcorp.com

QA/QC Package.

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other \_\_\_\_\_☐ EDD (Type) \_\_\_\_\_

Turn-Around Time:

☒ Standard ☐ Rush \_\_\_\_\_

Project Name:

Scott 4M

Project #:

Project Manager:

Mitch KilloughSampler: Brandon SinclairOn Ice: ☐ Yes ☒ No# of Coolers: 1Cooler Temp (including CF): N/A (°C)Container  
Type and #Preservative  
Type

HEAL No.

Date Time Matrix Sample Name

8-13 1120 air SVE-12 Tedlar

Date Time

8/14/25 1010

Relinquished by

[Signature]

Received by

[Signature]

Via

Date Time

8/14/25 1010

Date Time

8/14/25 1830

Relinquished by

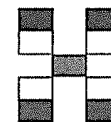
[Signature]

Received by

[Signature]

Via

Date Time

8/15/25 710**HALL ENVIRONM  
ANALYSIS LABOR**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87111

Tel. 505-345-3975 Fax 505-345-4107



885-31119 COC

## Analysis Request

BTEX / MTBE / TMB's (8021)

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

8015 TVPHFixed gas O<sub>2</sub> & CO<sub>2</sub>

## Login Sample Receipt Checklist

Client: Hilcorp Energy

Job Number: 885-31119-1

Login Number: 31119

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

| Question                                                                                 | Answer | Comment                            |
|------------------------------------------------------------------------------------------|--------|------------------------------------|
| Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.      | N/A    |                                    |
| The cooler's custody seal, if present, is intact.                                        | True   |                                    |
| Sample custody seals, if present, are intact.                                            | True   |                                    |
| The cooler or samples do not appear to have been compromised or tampered with.           | True   |                                    |
| Samples were received on ice.                                                            | 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 $<6\text{mm}$ (1/4"). | True   |                                    |
| Multiphasic samples are not present.                                                     | True   |                                    |
| Samples do not require splitting or compositing.                                         | True   |                                    |
| Residual Chlorine Checked.                                                               | N/A    |                                    |

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 514690

CONDITIONS

|                                                                                    |                                                                       |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Operator:<br><br>HILCORP ENERGY COMPANY<br>1111 Travis Street<br>Houston, TX 77002 | OGRID:<br><br>372171                                                  |
|                                                                                    | Action Number:<br><br>514690                                          |
|                                                                                    | Action Type:<br><br>[REPORT] Alternative Remediation Report (C-141AR) |

CONDITIONS

| Created By | Condition                                                                                                           | Condition Date |
|------------|---------------------------------------------------------------------------------------------------------------------|----------------|
| nvez       | 1. Continue with recommendations presented within this report. 2. Submit next quarterly report by January 15, 2026. | 10/20/2025     |